

Trailer



Spare parts and accessories for semi-trailers and trailers

- Axle and running gear
- Pneumatic components and accessories
- Chassis
- Add-on parts
- Vehicle connections
- Body parts
- Lighting
- Load securing
- Spare parts for car and van trailers
- Workshop requirements





Dear Customers,

We are pleased to present the new edition of our trailer catalogue to you. The catalogue sets the focus especially on our range covering all aspects of towed units.

On the following pages we have gathered together for you around 6,300 spare parts and vehicle construction items – suitable for your semi-trailers and trailers.

Everything for semi-trailers and trailers in one catalogue

– overview subdivided into the product areas:

- axle and running gear
- pneumatic components and accessories
- chassis
- add-on parts
- vehicle connections
- body parts
- lighting
- load securing devices
- spare parts for car and van trailers
- workshop requirements

Do you have any questions? We have the answers!

Are you looking for a particular product that is not listed in the catalogue? Do you have questions about an item? Then we are here to help, we are available in person by visiting or telephoning us at one of our outlets across Europe or contacting us directly via our online shop:

- in the EUROPART Workshop Online System EWOS
www.ewos.net
- on our homepage **www.europart.net**

EUROPART – Your Number 1

If and when brand names of vehicle and axle manufacturers are used in the catalogue, they are to be understood as designation information. The brand names indicate that the corresponding items are suitable for the named vehicles and axles. The cross-reference numbers given on the pages of the catalogue serve for the purposes of identification and are not designations of origin.



Exacting standards required. Impressive quality delivered.

The EUROPART brand: Excellent products, based on manufacturer standards

With **EUROPART own-brand products**, you benefit from a competitively priced alternative. Whether you need vehicle parts such as brake discs, linings, batteries and filters or workshop materials such as chemical products, oils and tools – our constantly growing and technically **advanced range of over 7,000 own-brand products** provides the right solution for every situation and every customer requirement.

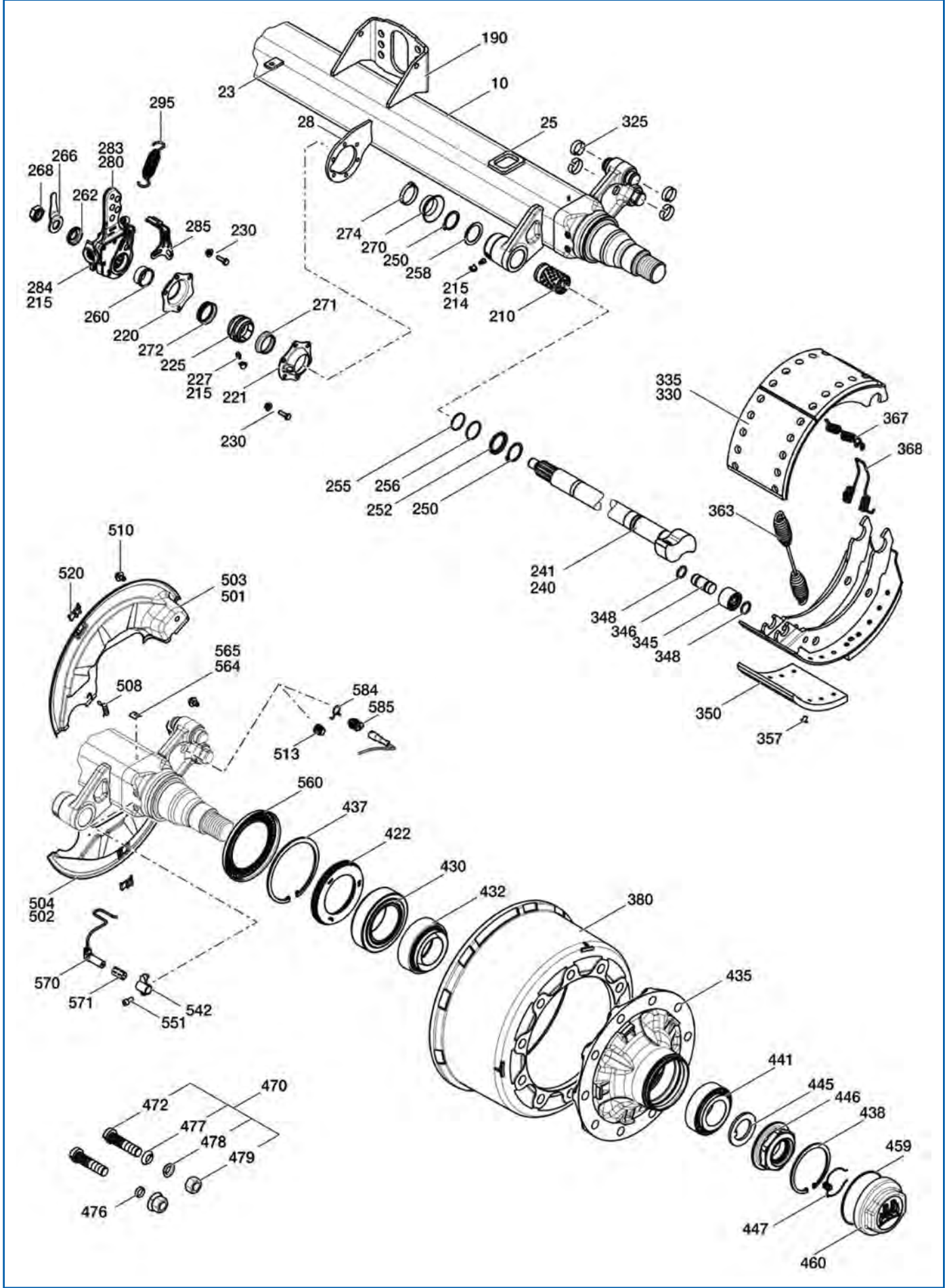
Our strict and **careful selection of suppliers** reflects our high standards. These are **products that impress** even under extreme conditions and are of a quality based on manufacturer standards. This you can depend on – always.

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Axle and running gear

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Service parts suitable for HSF 9010 ECO Plus 3

Fig.	Description	Dimensions	Order no.
23	Attachment plate		6032 814 203
25	Centering frame	72,5 x 60 x 8 mm	6032 954 621
28	Support bearing plate for brake camshaft bearing		6032 855 571
190	Base plate		6031 823 584
209	Repair kit for brake camshaft bearing, low maintenance, Fig. 210, 214, 220, 221, 225, 227, 230, 232, 245, 271, 272		6098 010 609
210	Bearing bush	42/46 x 72,6 mm	6031 124 434
214	Lubricating nipple	M10 x 1, Form A	6026 802 035
215	Protective cap		6023 505 200
220	Bearing bracket for brake camshaft		6032 290 218
221	Bearing bracket for brake camshaft		6032 290 219
225	Ball bush for brake camshaft	42/60 x 38 mm	6031 131 404
227	Lubricating nipple	M8 x 1, Form A	6026 802 145
230	Attachment screw, (bolt, nut and washer)	M8 x 30 - 8.8/Spanner size 13 mm	6058 650 002
240	Brake camshaft	Length 736 (615,5) mm	6090 970 529
241	Brake camshaft	Length 736 (615,5) mm	6090 970 530
245	Repair kit, Fig. 250-262, 268, 270, 274		6098 010 043
250	Circlip	A 42 x 2,5 mm	6025 676 010
252	Ring	42/55 x 7 mm	6033 101 224
255	O-ring	∅ 37 x 2.6 mm/black	6025 677 374
256	O-ring	∅ 40 x 2.5 mm/green	6025 679 230
258	Shaft sealing ring	42/56 x 2 mm	6031 204 202
260	Bearing bush for brake camshaft	37,4/45 x 21,3 mm	6031 130 306
262	Washer	22,5/42 x 10,5 mm	6332 011 161
266	Actuating lever for braking force compensators	85 mm	6031 901 407
268	Hexagon nut	M22 x 1,5/Height 15/Spanner size 32 mm	6032 601 408
271	Shaft sealing ring for brake camshaft	42 x 15 mm	6031 204 209
272	Shaft sealing ring for brake camshaft	45 x 13,5 mm	6031 204 208
274	Security clamp	49 x 9 mm	6033 503 002
279	Repair kit for linkages, Fig. 230, 232, 262, 266, 280, 285		6055 748 301
280	Slack adjuster, Fig. 215, 283, 284	Length 180/165/150/135/120/Mounting hole dia. 11/14 mm	6051 748 267
283	Cap		6032 119 015
284	Lubricating nipple	S8 x 1, Form A	6026 850 010
295	Reset spring	∅ 26/2,8 x 148 mm	6053 972 603
325	Hook circlip for drum brake with divided roller	33/32,5 x 10 mm	6031 880 202
327	Repair kit for drum brake, with tension spring and hooked circlip (C-clamp), Fig. 325, 363, 367, 368		6098 010 679
328	Repair kit, With brake shoes, Fig. 327, 330		6098 010 739
330	Brake shoe with brake lining, Fig. 335, 350, 357	SN 4218	6050 914 632
335	Brake shoe, without brake lining, Fig. 345-348	SN 4218	6050 914 636
344	Repair kit for brake shoe roller, Fig. 345-348		6098 010 291
345	Brake shoe sleeve	26/45 x 33,5 mm	6053 314 402
346	Brake shoe pin	26 x 58,5 mm	6030 847 524
348	Ring	24/31 x 3,5 mm	6033 107 015
349	Brake lining set, for 1 axle	18 mm	6098 010 741
357	Brake pad rivet	B 8 x 15 mm	6025 805 803
363	Reset spring	34,5/5,5 x 274 mm	6053 975 803
367	Reset spring, hook	16,2/3,2 x 36 mm	6033 973 306
368	Reset spring, eye	∅ 16,2/3,2 x 36 mm	6033 973 307
380	Brake drum	420 x 180/Height 226/Hub ∅ 290,00/Hole pattern 10 x 23/Hole circle ∅ 335 mm	6031 096 719

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Fig.	Description	Dimensions	Order no.
422	Shaft sealing ring	117/158 x 15 mm	6002 566 477
430	Tapered roller bearing, Type 33118		6026 410 230
432	Cartridge	101/130 x 50 mm	6031 204 708
437	Circlip	158 x 4 mm	6025 606 589
438	Circlip	122 x 4 mm	6025 606 229
441	Tapered roller bearing, Type 33213		6026 410 220
448	Hook circlip	62 x 1,8 mm	6031 880 410
449	Safety wedge		6032 770 007
500	Cover plate kit, Fig. 501 - 504, 508, 510, 520	SN 4218	6099 000 123
508	Tension spring for cover plate	∅ 12,2/1,8 x 34 mm	6033 971 102
520	Plug		6033 790 023
542	Bracket for sensor	Length 19,5 mm	6031 891 461
551	Bolt for sensor bracket	M8 x 20/Spanner size 13 mm	6025 071 230
564	Fastening clamp		6023 507 320
564	Grooved drive stud	∅ 4 x 10 mm	6026 005 254
570	Speed sensor		0210 328 080
585	Bracket for sensor connector		6051 891 559
900	Silicone grease for ABS sensors		6021 040 170

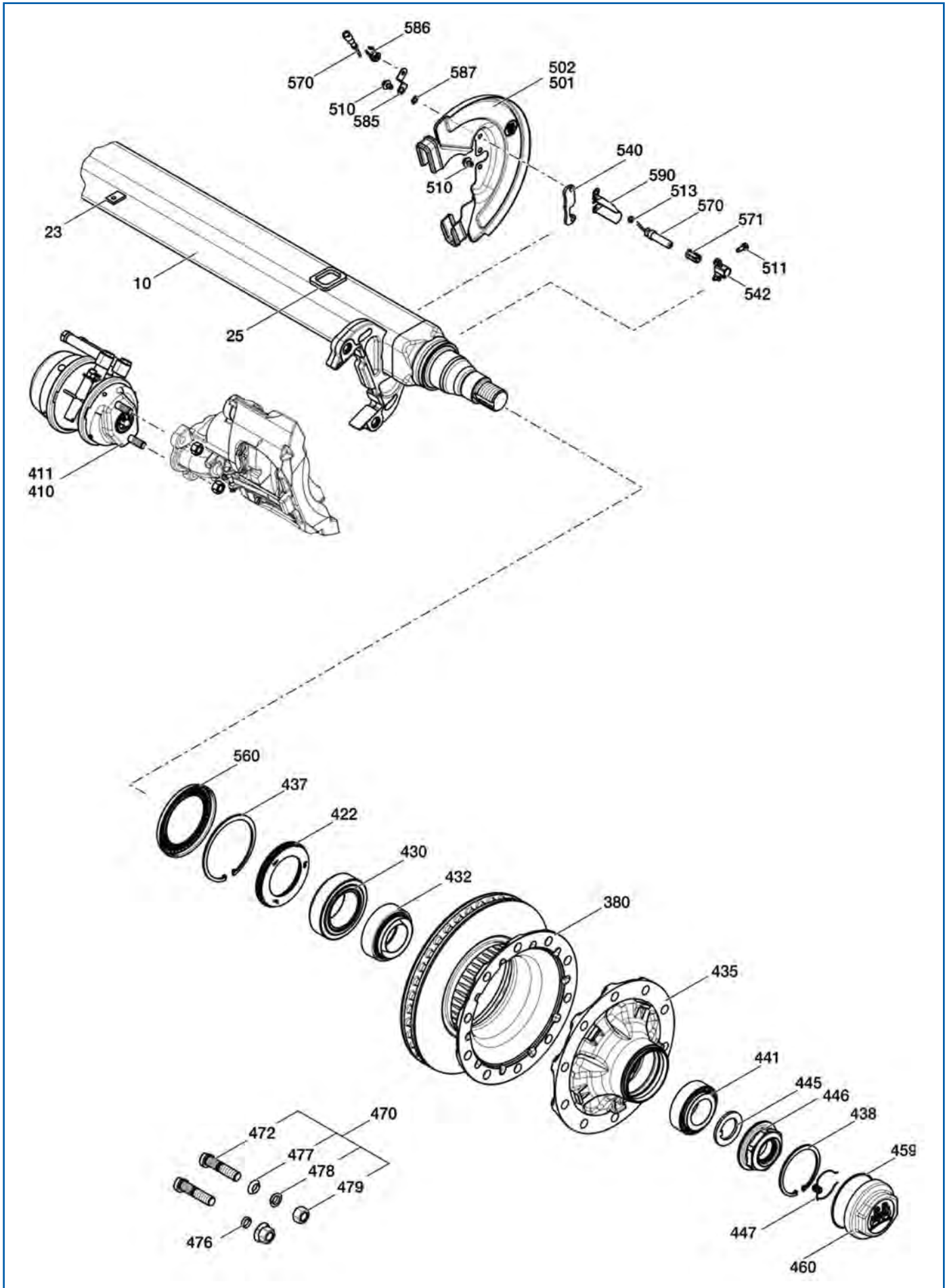


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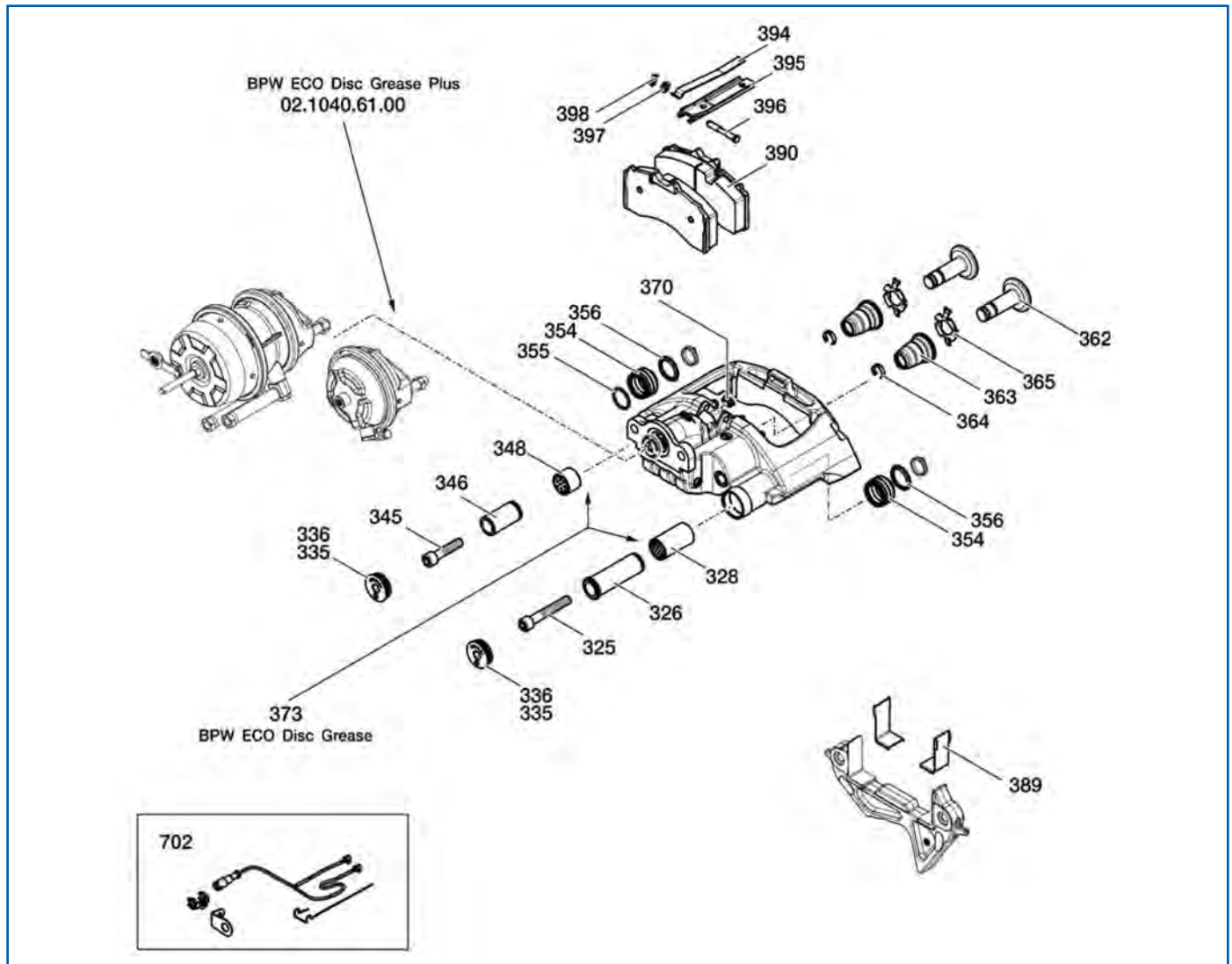
With **EUROPART own-brand products**, you benefit from a competitively priced alternative. Whether you need vehicle parts such as brake discs, linings, batteries and filters or workshop materials such as chemical products, oils and tools – our constantly growing and technically **advanced range of over 7,000 own-brand**

products provides the right solution for every situation and every customer requirement. Our strict and **careful selection of suppliers** reflects our high standards. These are **products that impress** even under extreme conditions and are of a quality based on manufacturer standards. This you can depend on – always.



Service parts suitable for SHSF 9010 ECO Plus 3

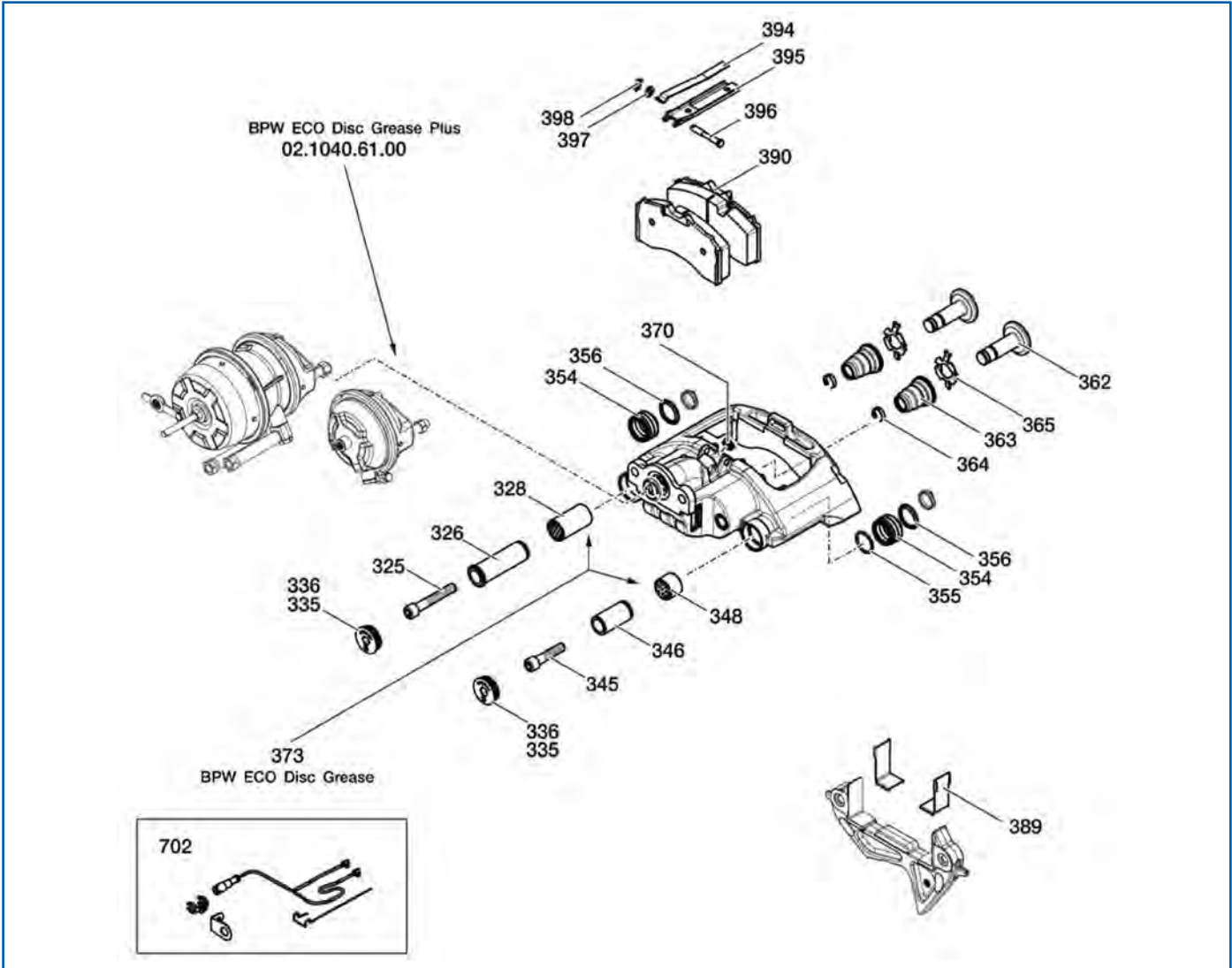
Fig.	Description	Dimensions	Order no.
	Brake caliper group , TSB 4309, BPW 8200, Type L		6093 627 201
	Brake caliper group , TSB 4309, BPW 8200, Type F		6093 627 202
23	Attachment plate		6032 814 203
25	Centering frame	72,5 x 60 x 8 mm	6032 954 621
422	Shaft sealing ring	117/158 x 15 mm	6002 566 477
430	Tapered roller bearing, Type 33118		6026 410 230
432	Cartridge	101/130 x 50 mm	6031 204 708
437	Circlip	158 x 4 mm	6025 606 589
438	Circlip	122 x 4 mm	6025 606 229
441	Tapered roller bearing, Type 33213		6026 410 220
448	Hook circlip	62 x 1,8 mm	6031 880 410
447	Safety wedge		6032 770 007



Service parts

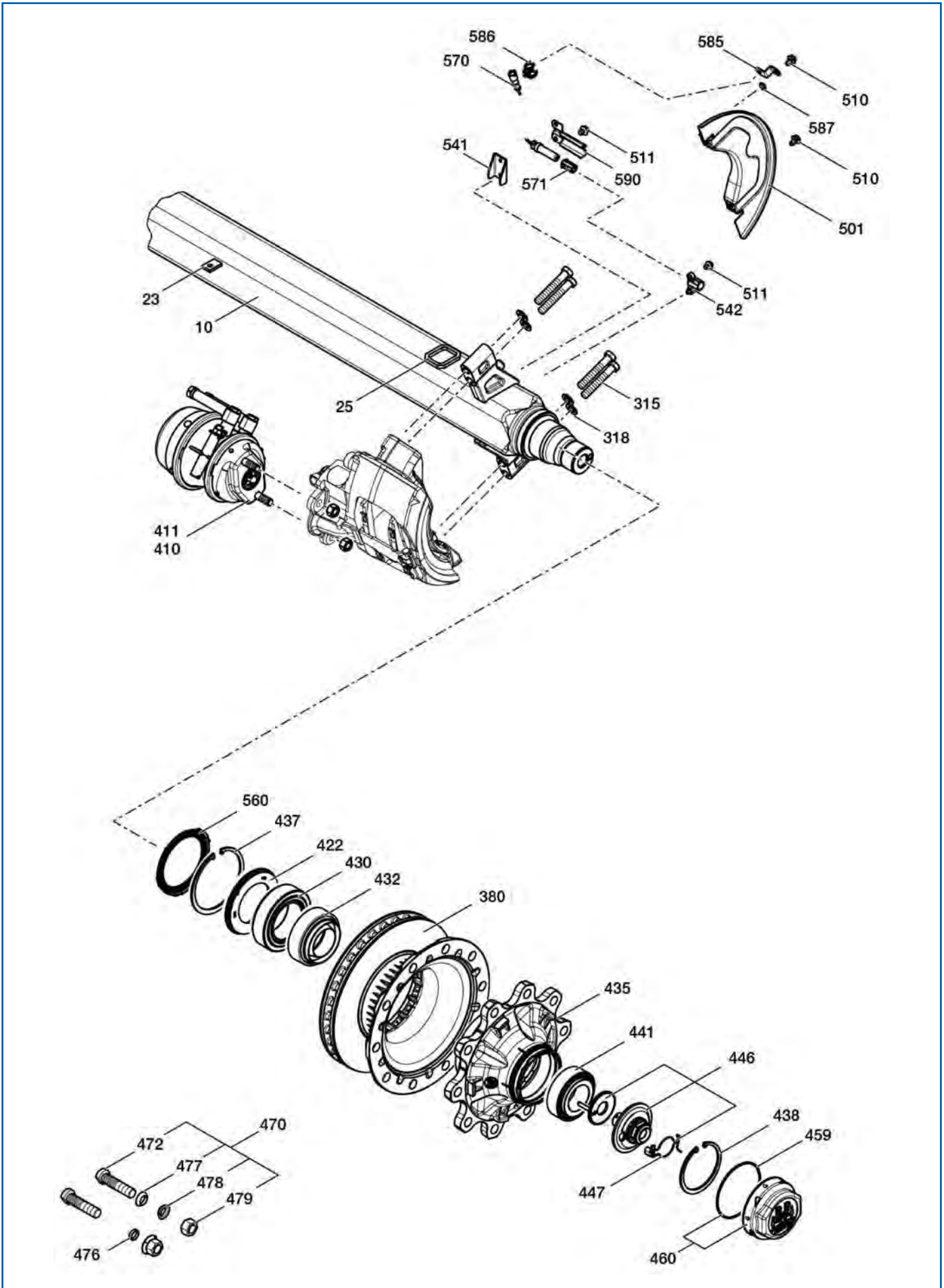
suitable for replacement brake caliper complete with lining BPW 8200, TSB 4309, type L

Fig.	Description	Dimensions	Order no.
323	Repair kit for brake caliper bearing shaft, Fig. 325, 326, 328, 345, 346, 348, 373		6098 010 761
324	Repair kit for brake calipers, with socket screw, Fig. 325, 335, 345		6098 010 847
325	Socket head bolt	M16 x 1,5 x 100/Spanner size 14 mm	6025 016 701
334	Repair kit for brake calipers, with socket screws and rings, Fig. 335, 356		6098 010 787
352	Repair kit for brake caliper sealing bearing shaft		6098 010 762
360	Repair kit for brake caliper thrust piece, Fig. 362 - 365		6098 010 763
388	Brake pad set, repair set for one axle, Fig. 370, 389, 390, 394, 396 - 398		6098 010 757
393	Lining retaining clip, repair kit for one axle, Fig. 394 - 398		6098 010 768
398	Fuse		6023 301 310
702	Wear indicator kit		6058 014 950



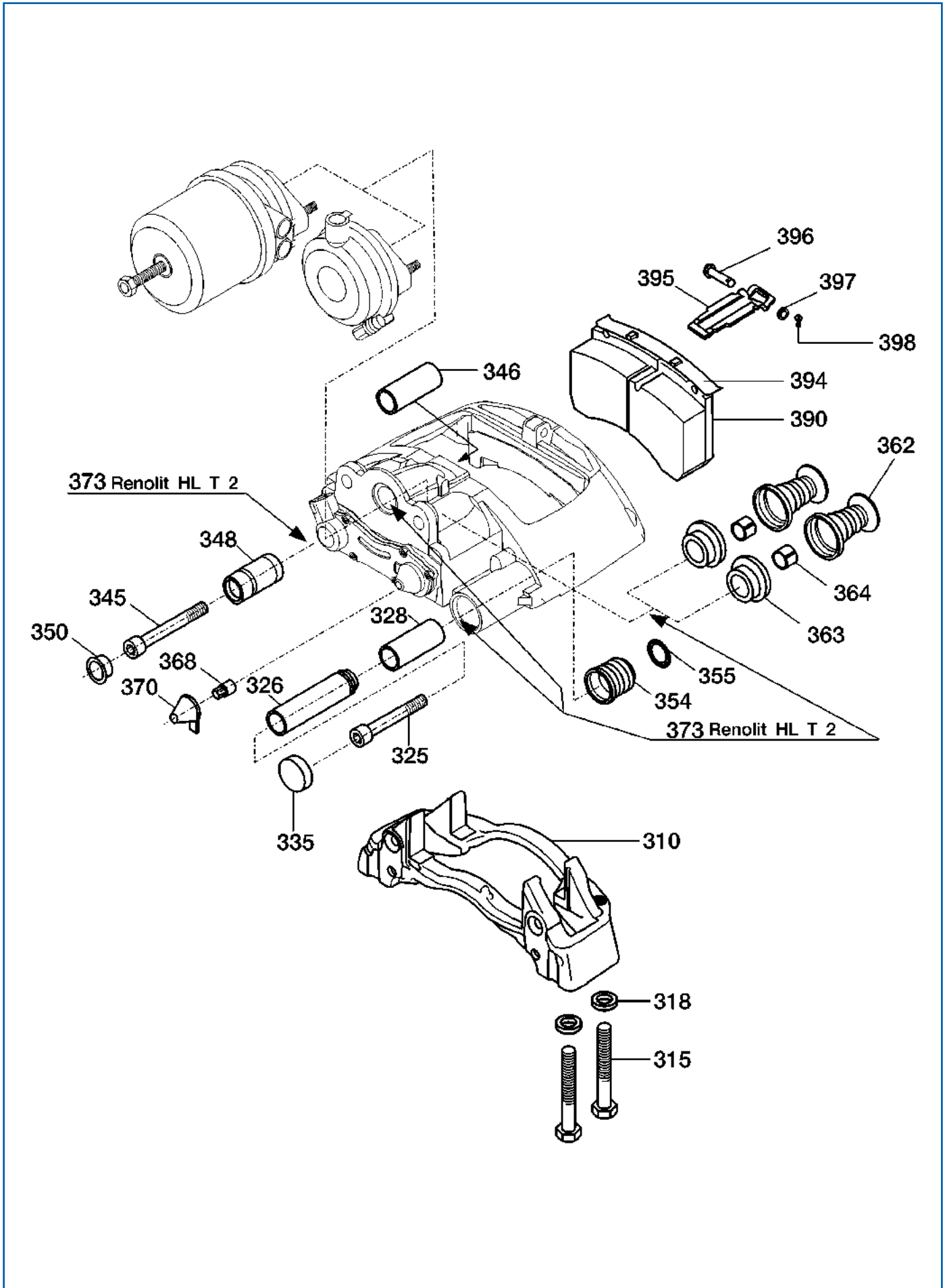
Service parts suitable for replacement brake caliper complete with lining BPW 8200, TSB 4309, type F

Fig.	Description	Dimensions	Order no.
323	Repair kit for brake caliper bearing shaft, Fig. 325, 326, 328, 345, 346, 348, 373		6098 010 761
324	Repair kit for brake calipers, with socket screw, Fig. 325, 335, 345		6098 010 847
325	Socket head bolt	M16 x 1,5 x 100/Spanner size 14 mm	6025 016 701
334	Repair kit for brake calipers, with socket screws and rings, Fig. 335, 356		6098 010 787
352	Repair kit for brake caliper sealing bearing shaft		6098 010 762
360	Repair kit for brake caliper thrust piece, Fig. 362 - 365		6098 010 763
388	Brake pad set, repair set for one axle, Fig. 370, 389, 390, 394, 396 - 398		6098 010 757
393	Lining retaining clip, repair kit for one axle, Fig. 394 - 398		6098 010 768
398	Fuse		6023 301 310
702	Wear indicator kit		6058 014 950



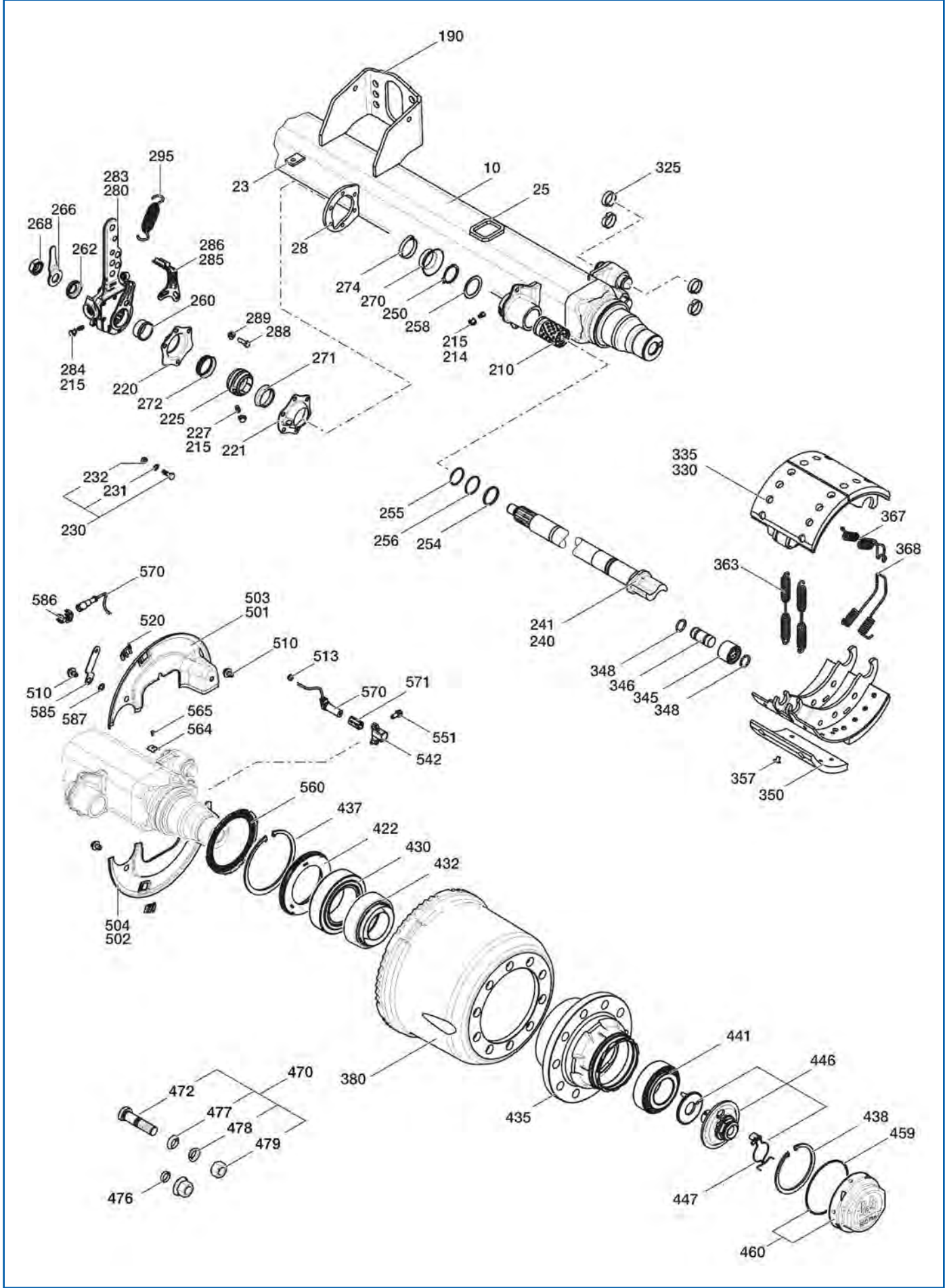
Service parts suitable for SKHZF 9008-15 ECO Plus 2

Fig.	Description	Dimensions	Order no.
	Brake caliper With brake lining, Brake system SB 3745		6053 627 060
	Brake caliper With brake lining, Brake system SB 3745		6053 627 061
23	Attachment plate		6032 814 203
25	Centering frame	72,5 x 60 x 8 mm	6032 954 621
315	Bolt	M16 x 1,5 x 97/12.9/Spanner size 24 mm	6033 401 226
318	Washer	∅ 17 mm	6254 011 608
380	Brake disc, Number of holes 8		6030 883 401
416	Repair kit for taper roller bearing, with axle bolt and capsule		6098 010 733
419	Repair kit for taper roller bearing, without axle bolt and capsule		6098 010 734
422	Shaft sealing ring	117,5/158 x 17,5 mm	6025 664 740
430	Tapered roller bearing, Type 33118		6026 410 230
432	Cartridge	101/130 x 50 mm	6031 204 708
434	Wheel hub with wheel bearing and accessories		6098 010 736
435	Wheel hub	Inner ∅ 137/Hole circle ∅ 275 mm	6032 724 633
437	Circlip	158 x 4 mm	6025 606 589
438	Circlip	122 x 4 mm	6025 606 229
441	Tapered roller bearing, Type 33213		6026 410 220
446	axle bolt with toothed washer	M32 x 2/Spanner size 46 mm	6090 013 703
447	Hook circlip complete with retaining wedge		6051 880 310
459	O-ring	∅ 128 x 3 mm	6025 678 650
460	Wheel-hub cap, incl. fig. 459	∅ 142,6 x 56,3/Spanner size 120 mm	6052 122 578
472	Wheel bolt	M22 x 1,5/97 x 62 mm	6032 963 312
510	Bolt	M10 x 15/Spanner size 13 mm	6025 071 220
551	Bolt for sensor bracket	M8 x 20/Spanner size 13 mm	6025 071 230
542	Bracket for sensor	Length 19,5 mm	6031 891 461
560	ABS ring	Inner ∅ 125/156 x 8,5 mm/Number of teeth 80	6033 100 853
564	Fastening clamp		6023 507 320
565	Grooved drive stud	∅ 4 x 10 mm	6026 005 254
570	Speed sensor	Length 350 mm	6023 317 070
585	Bracket for sensor		6031 890 772
586	Bracket for sensor connector		6021 421 110
587	Serrated lock washer	Inner ∅ 10,5 mm	6025 414 119
590	Heat conducting plate for ABS sensor		6031 652 464
900	Silicone grease for ABS sensors		6021 040 170



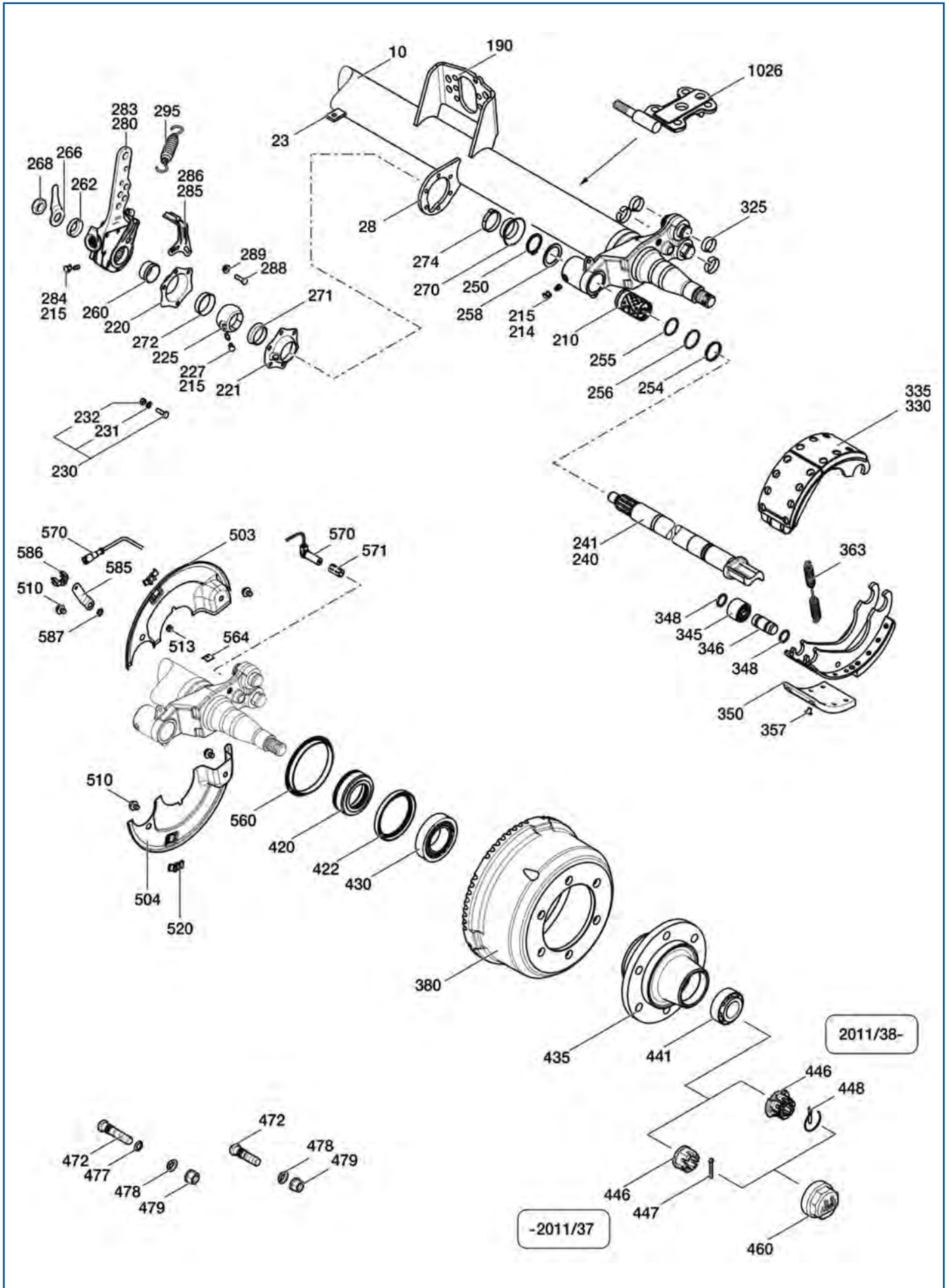
Service parts**suitable for disc brake SB 3745 (SKHZF 9008-15 ECO Plus 2)**

Fig.	Description	Dimensions	Order no.
326	Bushing for brake caliper guide	Inner \varnothing 17/26/36 x 116 mm	6020 316 970
328	Guide socket	Inner \varnothing 36/40 x 82 mm	6020 315 360
335	Cover		6020 601 190
346	Bushing	17/32 x 80 mm	6020 314 060
350	Cap		6021 827 070
354	Bellows	33/50 x 38 mm	6021 011 240
362	Pressure pad with bellows		6020 608 150
364	Bushing for pressure pad	Inner \varnothing 16/18 x 10 mm	6020 315 560
388	Brake pad set, Fig. 368-370, 390, 394, 396-398, Fig. 368, 370 for disc brake with adjustment adapter		6098 010 643
393	Repair kit for lining retaining bracket, Fig. 395-398		6098 010 276
398	Fuse		6023 301 310



Service parts suitable for NHZF 9010-15 ECO Plus 2

Fig.	Description	Dimensions	Order no.
416	Repair kit for taper roller bearing, with axle bolt and capsule		6098 010 733
419	Repair kit for taper roller bearing, without axle bolt and capsule		6098 010 734
422	Shaft sealing ring	117,5/158 x 17,5 mm	6025 664 740
430	Tapered roller bearing, Type 33118		6026 410 230
432	Cartridge	101/130 x 50 mm	6031 204 708
434	Repair kit for hub bearing, Fig. 422-460, 560		6080 108 030
437	Circlip	158 x 4 mm	6025 606 589
438	Circlip	122 x 4 mm	6025 606 229
441	Tapered roller bearing, Type 33213		6026 410 220
446	axle bolt with toothed washer	M32 x 2/Spanner size 46 mm	6090 013 703
447	Hook circlip complete with retaining wedge		6051 880 310
459	O-ring	∅ 128 x 3 mm	6025 678 650
460	Wheel-hub cap, incl. fig. 459	∅ 142,6 x 56,3/Spanner size 120 mm	6052 122 578
472	Wheel bolt	M22 x 1,5/97 x 62 mm	6032 963 312



Service parts suitable for NRS 5506-1

Fig.	Description	Dimensions	Order no.
23	Attachment plate		6032 814 203
209	Repair kit for brake camshaft bearing, low maintenance, Fig. 210, 214, 220, 221, 225, 227, 230, 232, 245, 271, 272		6098 010 609
210	Bearing bush	42/46 x 72,6 mm	6031 124 434
215	Protective cap		6023 505 200
221	Bearing bracket for brake camshaft		6032 290 218
220	Bearing bracket for brake camshaft		6032 290 219
225	Ball bush for brake camshaft	42/60 x 38 mm	6031 131 404
227	Lubricating nipple	M8 x 1, Form A	6026 802 145
230	Attachment screw, (bolt, nut and washer)	M8 x 30 - 8.8/Spanner size 13 mm	6058 650 002
240	Brake camshaft, Form S, left	Length 682 mm	6050 976 005
241	Brake camshaft, Form Z, right	Length 682 mm	6050 976 006
245	Repair kit, Fig. 250-262, 268, 270, 274		6098 010 043
250	Circlip	A 42 x 2,5 mm	6025 676 010
254	Ring for guide sleeve	Inner \varnothing 42,1/45,9 x 4 mm	6033 108 102
255	O-ring	\varnothing 37 x 2.6 mm/black	6025 677 374
256	O-ring	\varnothing 40 x 2.5 mm/green	6025 679 230
258	Shaft sealing ring	42/56 x 2 mm	6031 204 202
260	Bearing bush for brake camshaft	37,4/45 x 21,3 mm	6031 130 306
262	Washer	22,5/42 x 10,5 mm	6332 011 161
266	Actuating lever for braking force compensators	85 mm	6031 901 407
268	Hexagon nut	M22 x 1,5/Height 15/Spanner size 32 mm	6032 601 408
271	Shaft sealing ring for brake camshaft	42 x 15 mm	6031 204 209
272	Shaft sealing ring for brake camshaft	45 x 13,5 mm	6031 204 208
274	Security clamp	49 x 9 mm	6033 503 002
279	Slack adjuster set, Fig. 230, 232, 262, 266, 280, 285		3400 800 190
280	Slack adjuster, Fig. 215, 283, 284	Distance between holes 120/135/150/165 mm/Number of holes 4	6051 748 263
283	Cap		6032 119 015
284	Lubricating nipple	S8 x 1, Form A	6026 850 010
295	Reset spring	30,8/120 x 2,8 mm	6053 972 801
324	Repair kit, SN 3010, Fig. 325, 330, 363		6098 010 774
325	Hook circlip for drum brake with divided roller	33/32,5 x 10 mm	6031 880 202
330	Brake shoe set, with lining, Fig. 335, 350, 357	SN 3010	6050 911 227
335	Brake shoe, without lining, Fig. 345 - 348	SN 3010	6050 911 228
344	Repair kit for brake shoe roller, Fig. 345-348		6098 010 291
345	Brake shoe sleeve	26/45 x 33,5 mm	6053 314 402
346	Brake shoe pin	26 x 58,5 mm	6030 847 524
348	Ring	24/31 x 3,5 mm	6033 107 015
350	Brake pad	Thickness 18 mm	6030 921 251
357	Brake pad rivet	B 8 x 15 mm	6025 805 803
363	Reset spring	20/180 x 3,6 mm	6053 973 417
380	Brake drum	Hole circle \varnothing 205/6 x 21 mm	6031 094 306
418	Repair kit for wheel bearing, with axle nut, Fig. 420, 422, 430, 441, 446-448, 460		6098 010 786
422	Shaft sealing ring	Inner \varnothing 100/120 x 12 mm	6025 664 510
430	Tapered roller bearing	32212	6026 405 600
435	Wheel hub	M84 x 2 mm/6 x 20 mm	6032 720 959
441	Tapered roller bearing	33208	6026 407 400
446	Axle nut	M30 x 2/ \varnothing 54/Spanner size 46 mm	6032 621 504
446	Axle nut	M30 x 2/ \varnothing 70/Spanner size 46 mm	6032 621 506
448	Hook circlip	41 x 2 mm	6051 880 312
460	Cap	M84 x 2/Spanner size 70 mm	6032 122 204

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Fig.	Description	Dimensions	Order no.
472	Wheel bolt	M18 x 1,5 x 70 mm	6032 960 122
478	Split washer	18,5 mm	6256 151 894
479	Flat collar nut	M18 x 1,5 x 10 mm/Spanner size 24 mm	6252 131 214
500	Cover set, Fig. 503-520	SN 3010	6990 000 013
503	Cover plate, left upper/right lower		6030 109 515
504	Cover plate, left lower/right upper		6030 109 516
510	Safety screw	M10 x 12/Spanner size 15 mm	6025 070 600
513	Shaft sealing ring	13 x 7 mm	6025 681 780
520	Plug		6033 790 023
560	ABS ring	126/144 x 15 mm, Number of teeth 80	6033 100 721
564	Fastening clamp		6023 507 320
565	Grooved drive stud	∅ 4 x 10 mm	6026 005 254
570	Speed sensor		0210 328 080
585	Bracket for sensor		6031 890 772
586	Bracket for sensor connector		6021 421 110
587	Serrated lock washer	Inner ∅ 10,5 mm	6025 414 119
900	Silicone grease for ABS sensors		6021 040 170



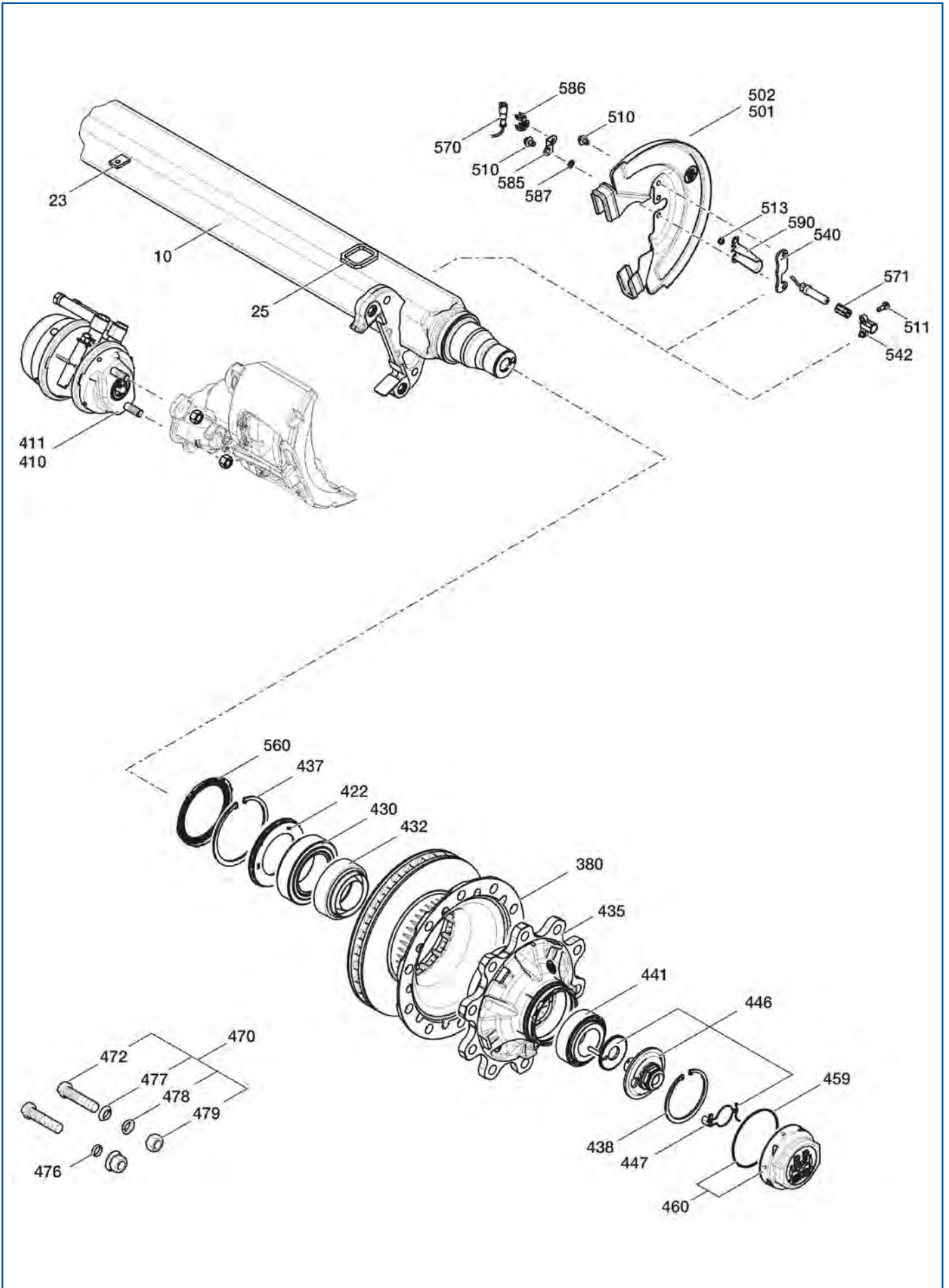
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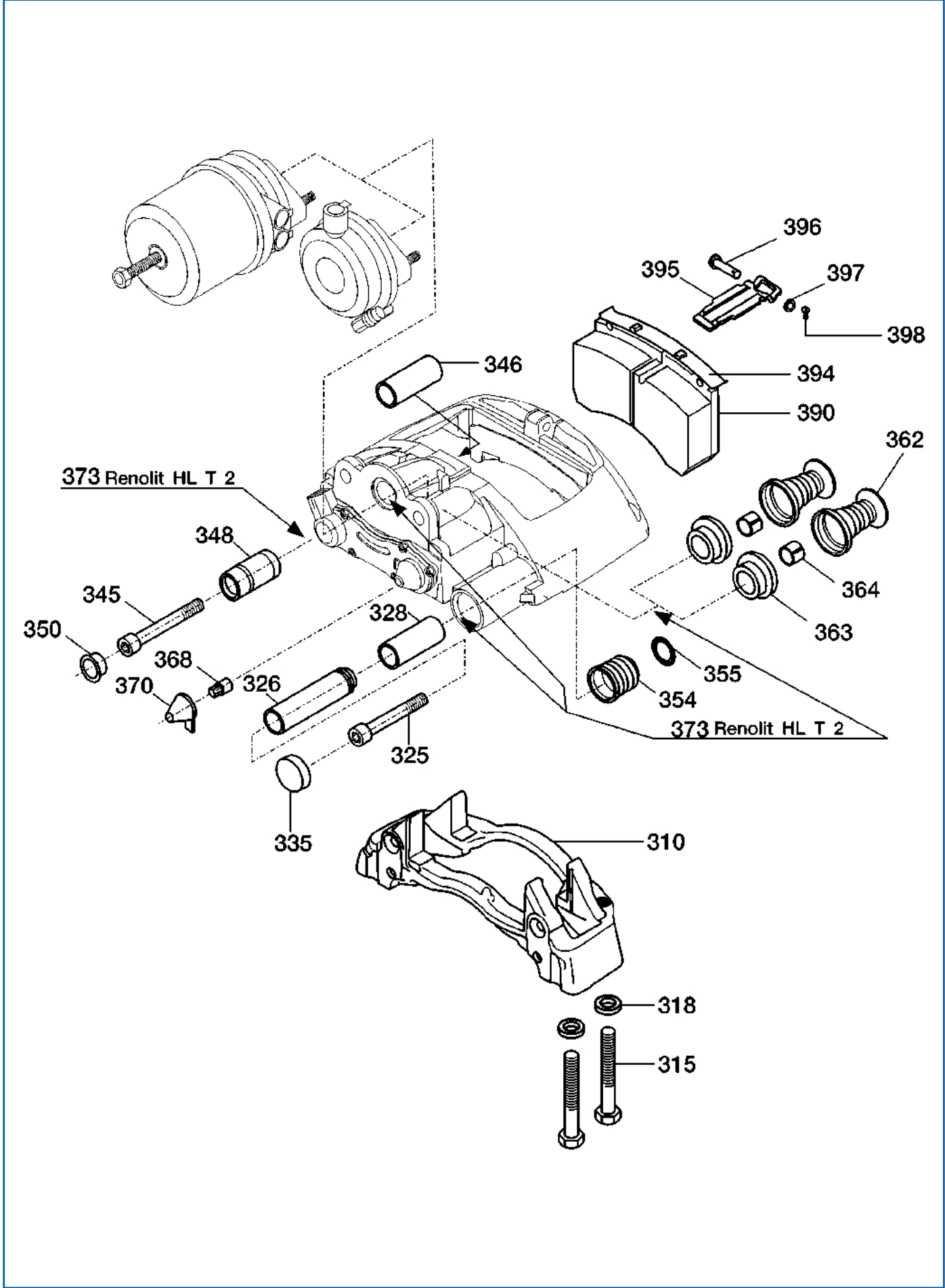
More than 7,000 EUROPART Premium Parts. Please ask us!





Service parts suitable for SKHSF 9010 ECO Plus 2

Fig.	Description	Dimensions	Order no.
23	Attachment plate		6032 814 203
25	Centering frame	72,5 x 60 x 8 mm	6032 954 621
315	Bolt	M16 x 1,5 x 97/12.9/Spanner size 24 mm	6033 401 226
318	Washer	∅ 17 mm	6254 011 608
380	Brake disc, Number of holes 10		6030 883 410
416	Repair kit for taper roller bearing, with axle bolt and capsule		6098 010 733
419	Repair kit for taper roller bearing, without axle bolt and capsule		6098 010 734
422	Shaft sealing ring	117,5/158 x 17,5 mm	6025 664 740
430	Tapered roller bearing, Type 33118		6026 410 230
432	Cartridge	101/130 x 50 mm	6031 204 708
434	Wheel hub, fig. 422-460, 560		6098 010 735
435	Wheel hub, Number of wheel bolts 10		6032 724 329
437	Circlip	158 x 4 mm	6025 606 589
438	Circlip	122 x 4 mm	6025 606 229
441	Tapered roller bearing, Type 33213		6026 410 220
446	axle bolt with toothed washer	M32 x 2/Spanner size 46 mm	6090 013 703
447	Hook circlip complete with retaining wedge		6051 880 310
459	O-ring	∅ 128 x 3 mm	6025 678 650
460	Wheel-hub cap, incl. fig. 459	∅ 142,6 x 56,3/Spanner size 120 mm	6052 122 578
472	Wheel bolt	M22 x 1,5/89 x 54 mm	6032 963 314
510	Bolt	M10 x 15/Spanner size 13 mm	6025 071 220
551	Bolt for sensor bracket	M8 x 20/Spanner size 13 mm	6025 071 230
542	Bracket for sensor	Length 19,5 mm	6031 891 461
560	ABS ring	Inner ∅ 125/156 x 8,5 mm, Number of teeth 100	6033 100 851
564	Fastening clamp		6023 507 320
565	Grooved drive stud	∅ 4 x 10 mm	6026 005 254
570	Speed sensor	Length 350 mm	6023 317 070
585	Bracket for sensor		6031 890 772
586	Bracket for sensor connector		6021 421 110
587	Serrated lock washer	Inner ∅ 10,5 mm	6025 414 119
590	Heat conducting plate for ABS sensor		6031 652 464
900	Silicone grease for ABS sensors		6021 040 170



Service parts**suitable for disc brake SB 3745 (SKHSF 9010 ECO Plus 2)**

Fig.	Description	Dimensions	Order no.
326	Bushing for brake caliper guide	Inner \varnothing 17/26/36 x 116 mm	6020 316 970
328	Guide socket	Inner \varnothing 36/40 x 82 mm	6020 315 360
335	Cover		6020 601 190
346	Bushing	17/32 x 80 mm	6020 314 060
348	Guide sleeve		6021 410 210
350	Cap		6021 827 070
354	Bellows	33/50 x 38 mm	6021 011 240
362	Pressure pad with bellows		6020 608 150
364	Bushing for pressure pad	Inner \varnothing 16/18 x 10 mm	6020 315 560
388	Brake pad set, Fig. 368-370, 390, 394, 396-398, Fig. 368, 370 for disc brake with adjustment adapter		6098 010 643
393	Repair kit for lining retaining bracket, Fig. 395-398		6098 010 276
398	Fuse		6023 301 310

Wheel nut



This figure corresponds to 6136 320 442

Height	Spanner size	Thread	Order no.	Comparative no.
25 mm	27 mm	M18 x 1,5	1303 181 551	BPW 02.521.91.81.0
26,1 mm	32 mm	M22 x 1,5	6052 605 410	BPW 05.260.54.10.0
34 mm	32 mm	M22 x 1,5	6136 320 442	BPW 02.5219.33.10
39 mm	32 mm	M22 x 1,5	6052 605 421	BPW 05.260.54.21.1
51 mm	33 mm	M22 x 1,5	6163 713 512	BPW 05.260.54.19.0
62 mm	32 mm	M22 x 1,5	6136 320 452	BPW 02.5219.34.10

Bushing for rim centering

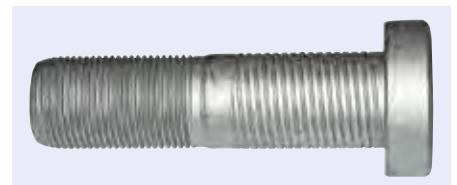
Outer Ø 25 mm
Inner Ø 22 mm

Height	Fig.	Order no.	Comparative no.
6,5 mm	1	6142 231 154	BPW 03.112.00.43.0
20 mm	2	6142 231 153	BPW 03.112.00.42.0



Wheel bolt

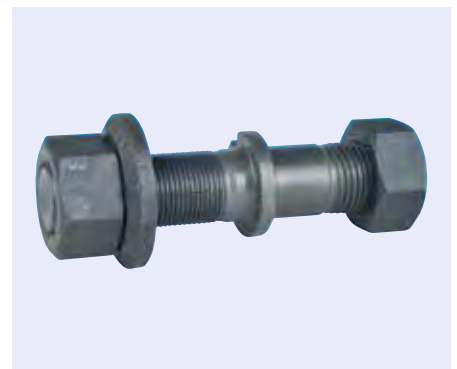
Length	Thread	Order no.	Comparative no.
80 mm	M22 x 1,5	6032 963 311	BPW 03.296.33.11.1
97 mm	M22 x 1,5	6143 074 423	BPW 03.296.33.12.1
96 mm	M22 x 2/M22 x 1,5	6143 073 426	BPW 03.296.23.15.0



Wheel bolt set

This figure corresponds to 6109 173 433

Length	Thread	Order no.	Comparative no.
89 mm	M22 x 1,5	6098 063 358	BPW 09.806.33.11.0
97 mm	M22 x 1,5	6098 063 368	BPW 09.806.33.68.0
97 mm	M22 x 1,5	6032 960 128	BPW 09.806.33.69.0
96 mm	M22 x 2/M22 x 1,5	6109 173 429	BPW 09.806.23.29.0
97 mm	M18 x 1,5/M20 x 1,5	6098 061 111	BPW 09.806.11.11.0
111 mm	M22 x 2/M22 x 2	6109 172 413	BPW 09.806.13.02.0
112 mm	M22 x 2/M22 x 1,5	6109 173 433	BPW 09.806.23.21.0





Air spring

matching bolt kit K029 1723 052 754

suitable for	Version	Fig.	Order no.	Comparative no.
BPW 30	with plastic piston	1	6165 305 431	BPW 05.429.43.20.0
BPW 30 K	with plastic piston	2	6165 305 432	BPW 05.429.43.21.0
BPW 30 K	with plate, without piston	3	6165 305 315	BPW 05.429.42.04.0
BPW 30 K	with plate, without piston	4	6165 305 288	BPW 05.429.41.77.0
BPW 30 K	with plastic piston	5	6165 305 434	BPW 05.429.43.23.0
BPW 30 K	with plastic piston	6	6165 305 435	BPW 05.429.43.24.0
BPW 36	with plastic piston	7	6165 305 462	BPW 05.429.43.51.0
BPW 36-1	with steel piston	8	6165 305 270	BPW 05.429.41.69.0
BPW 36 K	with plastic piston	9	6165 305 452	BPW 05.429.43.41.0



Air spring

matching bolt kit K029



suitable for	Version	Fig.	Order no.	Comparative no.	Order no.	Comparative no.
BPW 30	with plastic piston	1			6054 294 324	BPW 05.429.43.24.0
BPW 30	with plastic piston	2			6054 294 329	BPW 05.429.43.29.0
BPW 30 K	with plastic piston	3	1780 940 030	Conti 940 MB P 30	6054 294 219	BPW 05.429.43.21.0
BPW 30 K	with plastic piston	4			6054 294 323	BPW 05.429.43.23.0
BPW 30 K	with plastic piston	5			6054 294 327	BPW 05.429.43.27.0
BPW 30 K	with steel piston	6			6054 294 205	BPW 05.429.42.05.1
BPW 30	with plastic piston	7	1780 941 030	Conti 941 MB P30	6054 294 218	BPW 05.429.43.20.0
BPW 36	with plastic piston	8	1780 881 030	Conti 881 MB P30	6054 294 351	BPW 05.429.43.51.0
BPW 36 K	with plastic piston	9	1780 488 130	Conti 4881 N P30	6054 294 341	BPW 05.429.43.41.0
BPW 36-1	with steel piston	10			6054 294 058	BPW 05.429.41.69.0
BPW 36-2	with steel piston	11			6054 294 185	BPW 05.429.41.85.0
BPW 36-2	with steel piston	12			6054 294 186	BPW 05.429.41.86.0

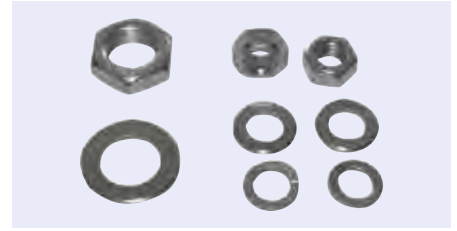
The Original!

Made by ContiTech.



Screw set

Version	Order no.
Phoenix K026	1722 052 751



Screw set

Version	Order no.
BPW K029	1723 052 754



Bearing bush for leaf spring

(Illustration similar)



Outer \varnothing	Inner \varnothing	Length	Order no.	Comparative no.
57 mm	30,1 mm	102 mm	6020 316 900	BPW 02.0316.90.00
60 mm	24,2 mm	72 mm	6020 314 240	BPW 02.0314.24.00
60 mm	30,1 mm	72 mm	6020 315 980	BPW 02.0315.98.00
60 mm	30,1 mm	102 mm	6020 316 060	BPW 02.0316.06.00
66 mm	36 mm	68 mm	6051 139 303	BPW 05.113.93.03.0

Bearing bush

Inner \varnothing 30 mm

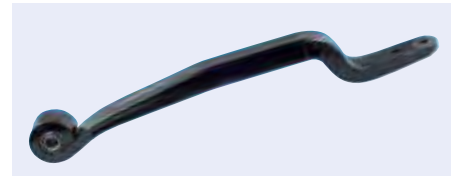
This figure corresponds to 6131 427 171



Outer \varnothing	Length	Order no.	Comparative no.
57 mm	102 mm	6131 427 011	BPW 02.0316.90.00
60 mm	102 mm	6131 427 171	BPW 02.0316.06.00
60 mm	72 mm	6131 426 091	BPW 02.0315.98.00

Pitman spring

Width 70 mm
 Number of leaves 1
 Bushing front 30/60 mm
 Length at front 500 mm



This figure corresponds to 1088 156 400

Length at rear	Thickness	Crank	Order no.	Comparative no.
310 mm	56 mm	30 mm	1088 156 600	BPW 05.082.13.90.0
310 mm	62 mm	30 mm	1088 171 000	BPW 05.082.14.02.0
380 mm	56 mm	30 mm	1088 156 500	BPW 05.082.13.89.0
380 mm	56 mm	110 mm	1088 156 400	BPW 05.082.13.88.0
380 mm	56 mm	185 mm	1088 157 500	BPW 05.082.14.01.0
380 mm	56 mm	195 mm	1088 171 400	BPW 05.082.14.09.0
380 mm	56 mm	170 mm	1088 172 600	BPW 05.082.14.17.0
380 mm	60 mm	30 mm	1088 170 600	BPW 05.082.13.96.0
380 mm	62 mm	110 mm	1088 170 800	BPW 05.082.13.95.0

Pitman spring

Width 100 mm
 Number of leaves 1
 Bushing front 30/57 mm
 Length at front 500 mm



This figure corresponds to 1088 134 200

Length at rear	Thickness	Crank	Order no.	Comparative no.
310 mm	48 mm	30 mm	1088 150 800	BPW 05.082.13.51.0
380 mm	48 mm	150 mm	1088 134 200	BPW 05.082.12.93.0
380 mm	48 mm	100 mm	1088 150 600	BPW 05.082.13.52.0
380 mm	51 mm	150 mm	1088 136 000	BPW 05.082.13.19.0
380 mm	51 mm	30 mm	1088 152 100	BPW 05.082.13.67.0
380/405 mm	57 mm	163 mm	1088 158 500	BPW 05.082.13.83.1
380/405 mm	48 mm	150 mm	1088 130 500	BPW 05.082.12.46.0

Pitman spring

Width 100 mm
 Number of leaves 2
 Bushing front 30/57 mm



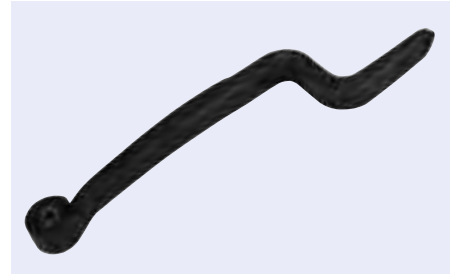
This figure corresponds to 1088 138 000

Length at front	Length at rear	Thickness	Crank	Order no.	Comparative no.
470 mm	365/390 mm	72 mm	100 mm	1088 034 200	BPW 05.082.02.66.0
500 mm		82 mm	0 mm	1088 135 700	BPW 05.082.12.67.0
500 mm	355/380 mm	92 mm	0 mm	1088 138 100	BPW 05.082.13.36.0
500 mm	355/380 mm	82 mm	0 mm	1088 136 100	BPW 05.082.12.61.0
500 mm	380/405 mm	82 mm	150 mm	1088 138 600	BPW 05.082.12.64.0
500 mm	380/405 mm	92 mm	150 mm	1088 137 700	BPW 05.082.13.33.0
500 mm	380/405 mm	72 mm	150 mm	1088 138 000	BPW 05.082.12.63.0
550 mm	380/405 mm	86 mm	120 mm	1088 139 900	BPW 05.082.12.77.0

Pitman spring

Width	70 mm
Length at front	500 mm
Length at rear	380 mm
Thickness	56 mm
Bushing front	24/60 mm
Crank	195 mm

Order no.	Comparative no.
1088 171 500	BPW 05.082.14.09.2

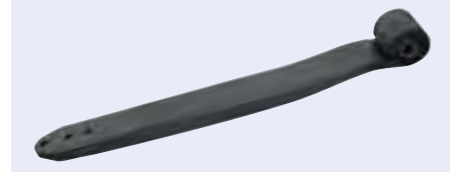


Pitman spring

Width	100 mm
Number of leaves	1
Bushing front	30/57 mm
Length at front	500 mm

This figure corresponds to 1088 133 900

Length at rear	Thickness	Order no.	Comparative no.
310 mm	48 mm	1088 133 900	BPW 05.082.12.92.0
355/380 mm	51 mm	1088 135 900	BPW 05.082.13.18.0



Pitman spring

Width	100 mm
Number of leaves	2
Bushing front	30/57 mm

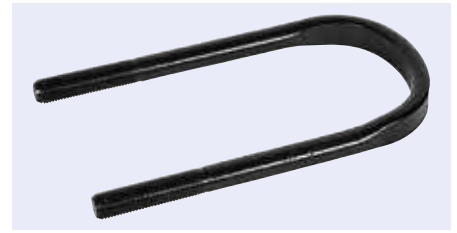
Length at front	Thickness	Order no.	Comparative no.
500 mm	82 mm	1088 135 700	BPW 05.082.12.67.0
550 mm	92 mm	1088 137 600	BPW 05.082.12.83.0





Spring hoop

Material steel

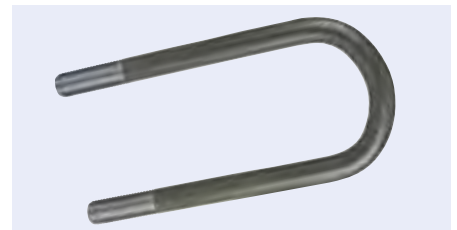


This figure corresponds to 6031 383 702

Thread	Length	Width	Order no.	Comparative no.
M22	240 mm	150 mm	6031 383 709	BPW 03.138.37.09.4
M22	256 mm	150 mm	6031 383 705	BPW 03.138.37.05.4
M22	262 mm	150 mm	6031 383 717	BPW 03.138.37.17.4
M22	280 mm	92 mm	6031 383 007	BPW 03.138.30.07.4
M22	283 mm	150 mm	6031 383 703	BPW 03.138.37.03.4
M22	289 mm	150 mm	6031 383 702	BPW 03.138.37.02.4
M22	289 mm	150 mm	6031 383 710	BPW 03.138.37.10.4
M24	270 mm	125 mm	6031 384 419	BPW 03.138.44.19.4
M24	277 mm	152 mm	6031 384 138	BPW 03.138.41.38.4
M24	280 mm	125 mm	6313 844 084	BPW 03.138.44.08.4
M24	280 mm	152 mm	6031 384 119	BPW 03.138.41.19.4
M24	285 mm	152 mm	6031 384 133	BPW 03.138.41.33.4
M24	300 mm	152 mm	6031 384 134	BPW 03.138.41.34.4
M24	301 mm	125 mm	6313 844 043	BPW 03.138.44.04.4
M24	320 mm	152 mm	6313 841 084	BPW 03.138.41.08.4
M24	320 mm	125 mm	6313 844 153	BPW 03.138.44.15.4
M24	325 mm	152 mm	6031 384 135	BPW 03.138.41.35.4
M24	330 mm	152 mm	6031 384 126	BPW 03.138.41.26.4
M24	331 mm	125 mm	6031 384 402	BPW 03.138.44.02.4
M24	345 mm	152 mm	6031 384 136	BPW 03.138.41.36.4

Spring hoop

Form 0
Thread M24



This figure corresponds to 6142 495 527

Length	Order no.	Comparative no.
280 mm	6142 495 527	BPW 03.138.44.08.0
340 mm	6142 495 529	BPW 03.138.44.18.0
360 mm	6142 495 618	BPW 03.138.45.07.0
365 mm	6142 495 217	BPW 03.138.41.06.0

Spring hoop



This figure corresponds to 6142 494 813

Form	Thread	Length	Width	Order no.	Comparative no.
0	M22	240 mm	150 mm	6142 494 828	BPW 03.138.37.17.4
0	M22	289 mm	150 mm	6142 494 821	BPW 03.138.37.10.4
0	M24	308 mm	101 mm	6142 495 510	BPW 03.138.44.09.4
0	M24	331 mm	125 mm	6142 495 513	BPW 03.138.44.02.4
0	M24	320 mm	152 mm	6142 495 219	BPW 03.138.41.08.0
0	M24	345 mm	152 mm	6142 495 216	BPW 03.138.41.05.4
0	M24	380 mm	180 mm	6142 495 617	BPW 03.138.45.06.4
0	M24	356 mm	125 mm	6142 495 512	BPW 03.138.44.01.4
1	M22	289 mm	150 mm	6142 494 813	BPW 03.138.37.02.4
2	M22	280 mm	92 mm	6142 494 118	BPW 03.138.30.07.4

Spring hoop



This figure corresponds to 1301 698 285

Form	Thread	Length	Width	Order no.	Comparative no.
0	M24	280 mm	152 mm	6142 495 220	BPW 03.138.41.19.4
1	M22	240 mm	150 mm	6142 494 810	BPW 03.138.37.09.4
1	M22	256 mm	150 mm	6142 494 816	BPW 03.138.37.05.4
1	M24	285 mm	152 mm	1301 698 285	BPW 03.138.41.33.4
1	M24	300 mm	152 mm	6142 495 245	BPW 03.138.41.34.4

Spring bushing

Outer \varnothing 45 mm
 Inner \varnothing 35 mm
 Length 100 mm
 Material brass

Order no.	Comparative no.
1235 451 000	BPW 03.181.90.06.1



Bushing

This figure corresponds to 6020 316 990

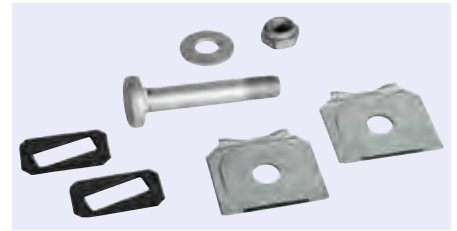
Outer \varnothing	Inner \varnothing	Length	Order no.	Comparative no.
48,4 mm	25,5 mm	43,8 mm	6020 316 990	BPW 02.0316.99.00
64 mm	35 mm	56 mm	6051 139 204	BPW 05.113.92.04.0





Spring pin repair set

This figure corresponds to 6058 570 018



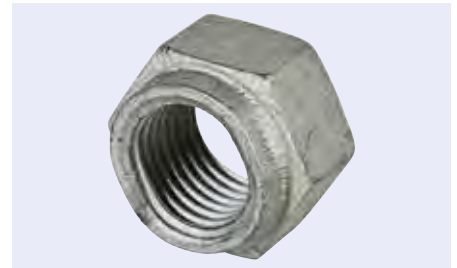
Version	Length	Thread	Order no.	Comparative no.
adjustable, adjustment with square frame	200 mm	M30 x 3,5	6058 570 009	BPW 05.857.00.09.0
adjustable, inclined steel spigot	166 mm	M24 x 2	6058 570 028	BPW 05.857.00.28.0
adjustable, straight steel support	200 mm	M30 x 3,5	6058 570 015	BPW 05.857.00.15.0
adjustable, straight steel support, C-beam	170 mm	M30 x 3,5	6058 570 019	BPW 05.857.00.19.0
adjustable, straight steel support, C-beam	166 mm	M24 x 2	6058 570 029	BPW 05.857.00.29.0
adjustable, straight steel support, stainless steel support	170 mm	M30 x 3,5	6058 570 018	BPW 05.857.00.18.0
Aluminium support	180 mm	M24 x 2	6058 570 030	BPW 05.857.00.30.0
rigid, anti-rotation with inner square, loose wear plate	200 mm	M30 x 3,5	6058 570 024	BPW 05.857.00.24.0
rigid, anti-rotation with inner square, welded-on wear plate	200 mm	M30 x 3,5	6058 570 012	BPW 05.857.00.12.0
rigid, straight steel support	190 mm	M30 x 3,5	6058 570 003	BPW 05.857.00.03.0



Counternut

Thread M22
Spanner size 32 mm

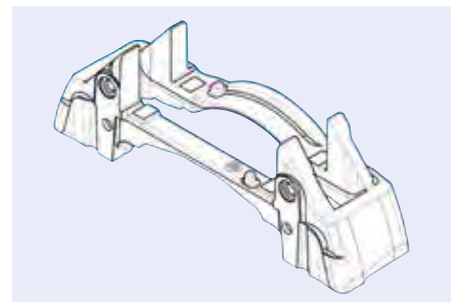
Order no.	Comparative no.
6032 600 419	BPW 03.260.04.19.0



Brake anchor plate

Fastening tangential screw connection

Brake system	Order no.	Comparative no.
SB 3745	6033 038 855	BPW 03.303.88.55.0
SB 4309	6033 038 856	BPW 03.303.88.56.0





Brake pad set

WVA no. 29171
 Brake system SK7...
 Coating length 210,5 mm
 Lining width 108,2 mm
 Lining thickness 30.00 mm

Scope of supply

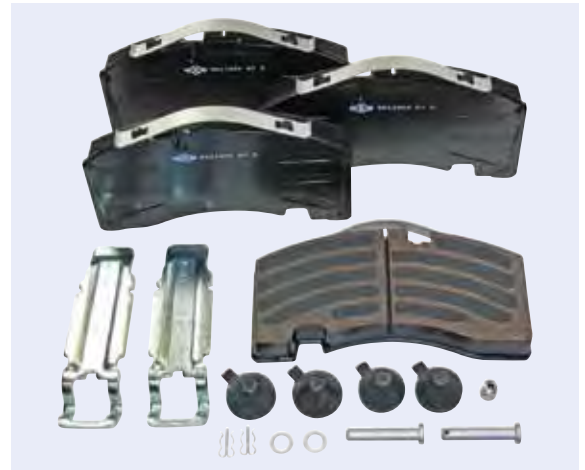
without wear indicator, with fitting materials

Order no.

3400 011 471

Comparative no.

Knorr K011471K50



Brake pad set

WVA no. 29167, 29270
 Brake system SB7...
 Coating length 210,5 mm
 Lining width 248 mm
 Lining thickness 30 mm

Scope of supply

with accessories

Order no.

2129 087 300

Comparative no.

Knorr K011470K50



Brake pad sensor

Application range

Disc brake

Scope of supply

with connection cable

Order no.

6058 015 170

Comparative no.

BPW 05.801.51.70.0



Slack adjuster automatic, S-ABA

Form left offset, 0 mm
 Angle of tilt +20°
 Toothed hub profile SAE 1 1/2" 10
 Hole size 250/180/165/150/135/120 mm
 Number of holes 6

Order no.

3970 080 019

Comparative no.

Haldex 80019S





Stroke odometer capsule

Tyre size 385/65 R 22,5



Version	Order no.	Comparative no.
digital	6052 127 522	BPW 05.212.75.22.0
mechanical	6052 122 546	BPW 05.212.25.46.0



Stroke odometer capsule

adjustable to any tyre size (basic setting 385/65 R 22.5"), offers an accurate running performance display, is reliable (no rocking and rotating), replaceable battery

Thread M136 x 2,5



Order no.	Comparative no.
6052 127 502	BPW 05.212.75.06.0



Stroke odometer capsule

Version with integrated hub odometer
 Connection bayonet
 Outer Ø 142,6 mm

Scope of supply
 with O-ring

Scope	Order no.	Comparative no.
3015-3134 mm	6052 122 573	BPW 05.212.25.73.0
3240-3260 mm	6052 122 575	BPW 05.212.25.75.0

Accessories

Description	Order no.	Comparative no.
Battery for hub odometer	6020 130 970	BPW 02.013.09.70.0



Stroke odometer capsule



Tyre size	Thread	Order no.	Comparative no.
for tyre size: 365/80 R 20	M115 x 2	6052 122 327	BPW 05.212.23.27.0
for tyre size: 385/65 R 22,5	M125 x 2	6052 122 429	BPW 05.212.24.29.0



Wheel hub

Application range

steel and aluminium wheels

Scope of supply

complete

This figure corresponds to 6098 010 658

Order no.	BPW cross-reference number
6098 010 732	BPW 09.801.07.32.0
6098 010 607	BPW 09.801.06.07.0
6098 010 659	BPW 09.801.06.59.0
6098 010 605	BPW 09.801.06.05.0
6098 010 658	BPW 09.801.06.58.0
6098 010 608	BPW 09.801.06.08.2
6098 010 669	BPW 09.801.06.69.0
6098 010 661	BPW 09.801.06.61.2
6098 010 654	BPW 09.801.06.54.0
6098 010 603	BPW 09.801.06.03.0
6098 010 656	BPW 09.801.06.56.0
6098 010 662	BPW 09.801.06.62.2
6098 010 664	BPW 09.801.06.64.0
6098 010 606	BPW 09.801.06.06.0
6098 010 652	BPW 09.801.06.52.0



Repair kit for wheel hub

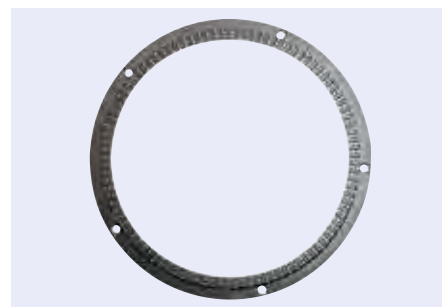
Order no.	Comparative no.
6109 121 335	BPW 09.801.02.24.0



ABS ring

This figure corresponds to 6033 100 939

Application range	Number of teeth	Thickness	Inner Ø	Outer Ø	Order no.	Comparative no.
disc brake	100	19 mm	152 mm	180 mm	6053 100 852	BPW 05.310.08.52.1
disc brake BPW SB 3745, monoblock, 370 x 45 mm	80	22 mm	177 mm	215 mm	6033 100 938	BPW 03.310.09.38.0
disc brake BPW SB 3745, monoblock, 370 x 45 mm	100	21,7 mm	105 mm	156 mm	6053 100 730	BPW 05.310.07.30.1
Disc brake BPW SB 3745, Monoblock, 370 x 45 mm	100	22 mm	177 mm	215 mm	6033 100 939	BPW 03.310.09.39.0
Disc brake BPW SB 4309/4345, Monoblock, 430 x 45 mm	100	19,5 mm	150 mm	180 mm	6053 100 850	BPW 05.310.08.50.1
drum brake	80	19,5 mm	150 mm	176 mm	6053 100 844	BPW 05.310.08.44.1
Drum brake, SN 3020, 300 x 200 mm	80	17,5 mm	170 mm	194 mm	6033 100 824	BPW 03.310.08.24.1
drum brakes, SN 3020, 300 x 200 mm	80	15 mm	152 mm	170 mm	6033 100 818	BPW 03.310.08.18.0
drum brakes, SN 4218, 420 x 180 mm	100	15 mm	152 mm	170 mm	6033 100 815	BPW 03.310.08.15.0



ABS ring

Number of teeth 100



This figure corresponds to 6144 211 962

Application range	Thickness	Inner \varnothing	Outer \varnothing	Order no.	Comparative no.
disc brake	8,5 mm	125 mm	156 mm	6144 211 962	BPW 03.310.08.51.0
drum brake	15 mm	176 mm	194 mm	6144 211 925	BPW 03.310.08.14.0



Axle nut

Thread M52 x 2
Spanner size 95 mm
 \varnothing 120 mm

Order no.	Comparative no.
6052 664 706	BPW 09.266.47.11.0



Hexagon nut for wheel hub

Spanner size 32 mm
Thread M22 x 2

Order no.	Comparative no.
6143 711 517	BPW 03.260.04.06.0



Tapered roller bearing

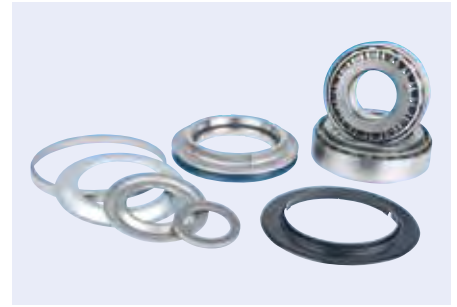


Type	Outer \varnothing	Inner \varnothing	Width	Order no.	Comparative no.
33116	130 mm	80 mm	37 mm	6026 410 240	BPW 02.6410.24.00
32310	110 mm	50 mm	42,25 mm	6026 410 250	BPW 02.6410.25.00



Repair kit for tapered roller bearing

Axle load 9 t



This figure corresponds to 6098 010 272

Scope of supply	Order no.	Comparative no.
1 x ECO Seal axial seal, 2 x tapered roller bearings, 1 x cover plate, 1 x seal, 1 x thrust ring, 1 x washer	6098 010 626	BPW 09.801.06.26.0
1 x ring, 1 x coarse dirt seal, 2 x tapered roller bearing, 1 x cover plate, 2 x thrust ring, 1 x washer	6098 010 272	BPW 09.801.02.72.0
2 x ring, 2 x tapered roller bearing, 1 x cover plate, 1 x split pin	6098 010 224	BPW 09.801.02.24.0



Shock absorber

Version oil pressure, twin-tube system
Fastening eye/eye

(Illustration similar)

Length	Order no.	Comparative no.
292-432 mm	6123 722 890	BPW 02.372.28.90.0
326-496 mm	6123 722 830	BPW 02.3722.83.00
351-541 mm	6123 722 880	BPW 02.3722.88.00
425-695 mm	6134 813 311	BPW 02.3702.20.00
466-766 mm	6134 813 780	BPW 02.3702.670.0
475-795 mm	6134 813 712	BPW 02.3702.60.00



Shock absorber

Version oil pressure, twin-tube system
Fastening eye/eye

(Illustration similar)

Length	Order no.	Comparative no.
292-432 mm	6023 722 890	BPW 02.3722.89.02
326-496 mm	6023 722 830	BPW 02.3722.83.02
336-501 mm	6023 722 640	BPW 02.3722.64.02
336-501 mm	6023 722 630	BPW 02.3722.63.02
351-541 mm	6023 722 880	BPW 02.3722.88.02
426-696 mm	6023 702 200	BPW 02.3702.20.02
466-766 mm	6023 702 670	BPW 02.3702.67.00
536-906 mm	6023 722 620	BPW 02.3722.62.02



First-class in use

**EUROPART engine, gearbox and hydraulic oils:
Even more safety and reliability for your engine**

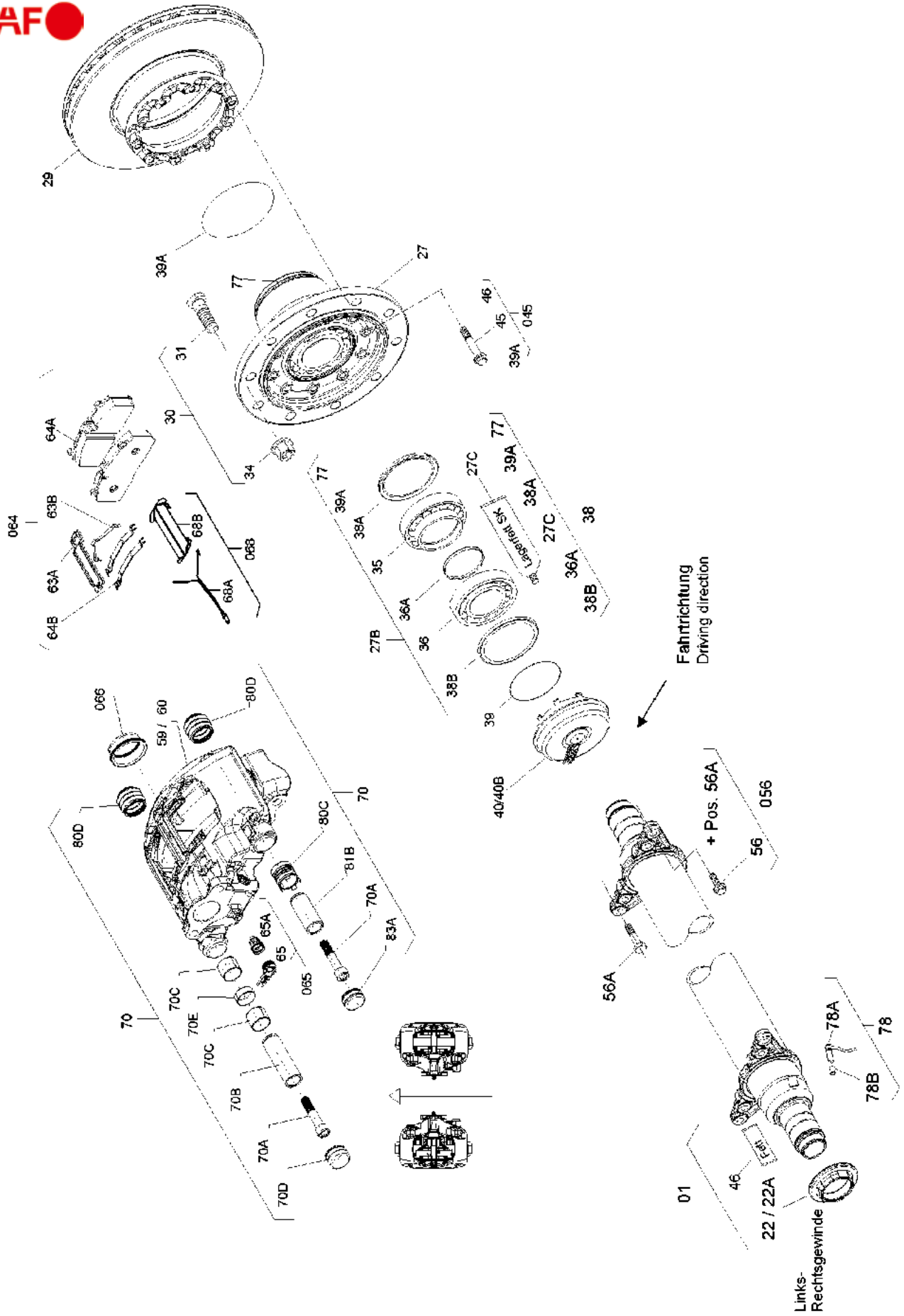
- Minimal oil consumption through lower evaporation loss
- Very good protection against oil sediment at the pistons
- High stability against oxidation
- Offers extended oil change intervals (depending on manufacturer's instructions)



Manufacturer approvals for:

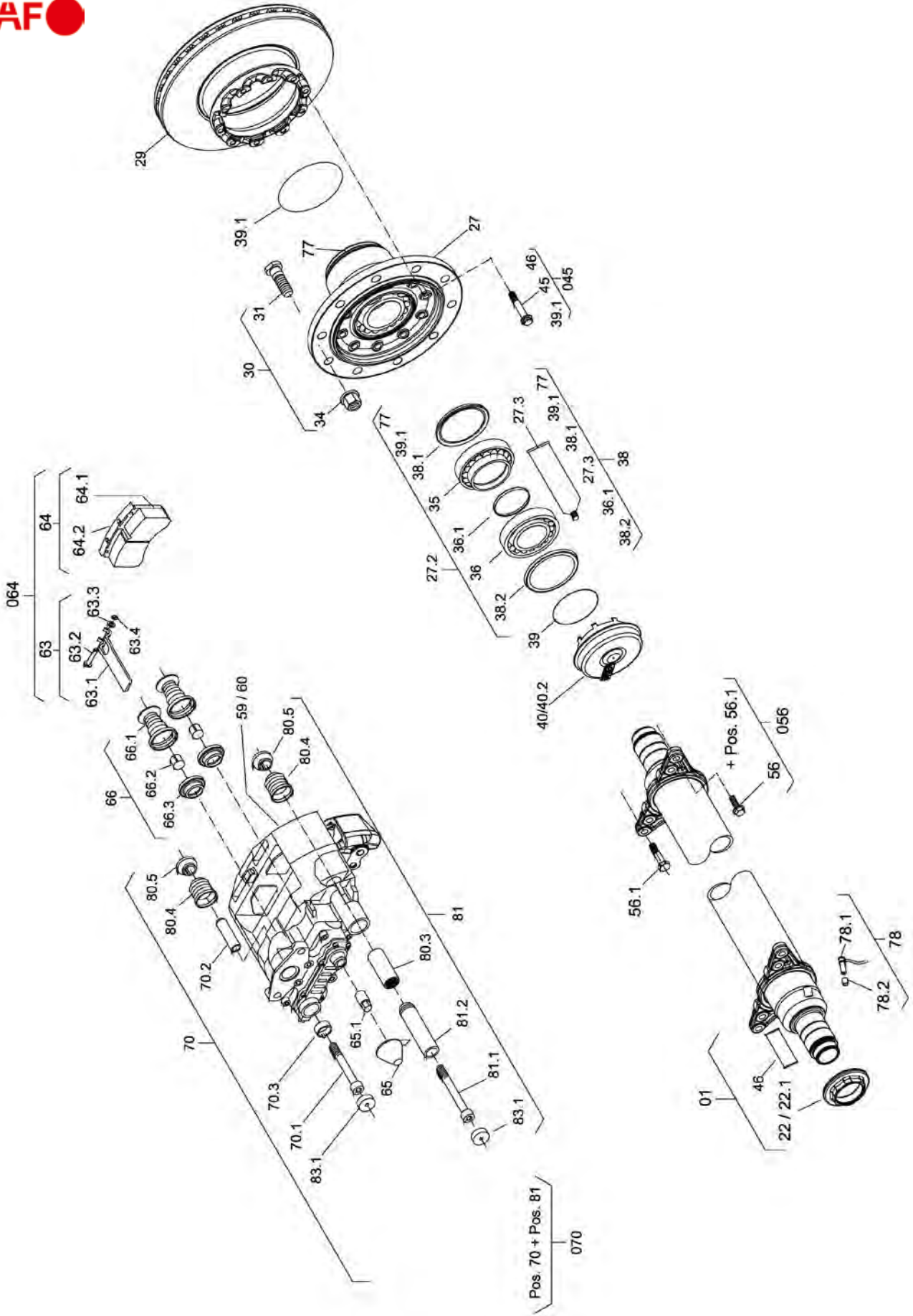
- MERCEDES-BENZ
- MAN
- RENAULT
- VOLVO
- MACK
- ZF
- SCANIA

**Further approval in
preparation.**



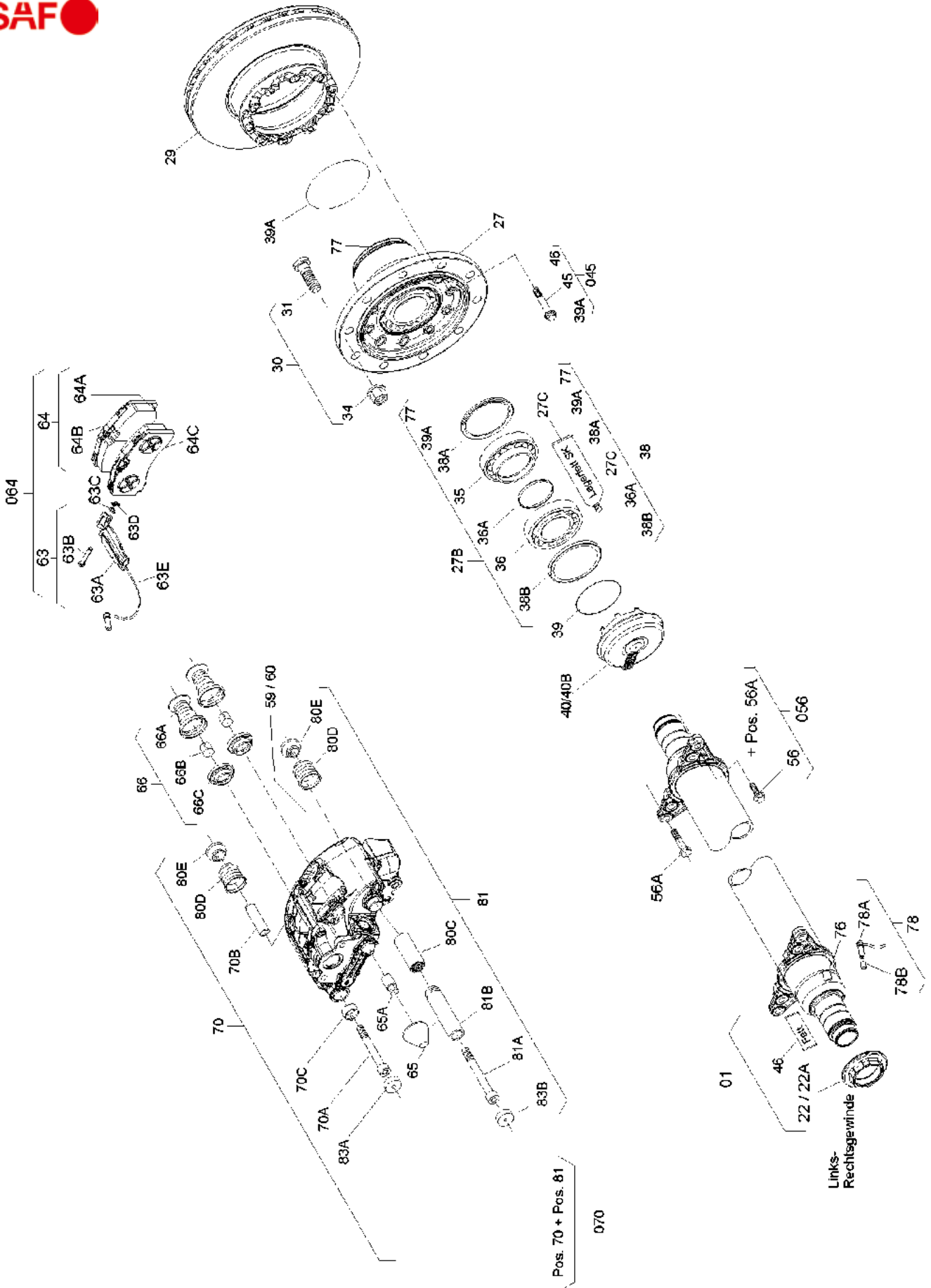
Service parts suitable for B9-19S

Fig.	Description	Dimensions	Order no.
22	Axle nut, right	M75 x 1,5/Spanner size 85 mm	5010 110 086
22.A	Axle nut, left	M75 x 1,5/Spanner size 85 mm	5010 110 085
27	Wheel hub with wheel bearings and seals		5033 073 056
27.B	Repair kit for wheel bearing		5034 402 000
29	Brake disc	∅ 377 x 45 mm	5040 790 018
30	Wheel bolt set (fig. 31, 34)	M22 x 1,5 x 78 mm	5033 021 157
27	Wheel bolt set (Fig. 31, 34)	M22 x 1,5 x 68 mm	5013 031 118
31	Wheel bolt, aluminium	M22 x 1,5 x 76 mm	5013 031 120
31	Wheel bolt	M22 x 1,5 x 68 mm	5030 311 181
34	Wheel nut	M22 x 1,5 x 27/Spanner size 32 mm	5042 473 012
38	Repair kit For wheel bearing grease change		5034 343 024
39.A	O-ring	∅ 92 mm x 4 mm	5043 150 075
40	Wheel-hub cap with O-ring SKRB Integral		5043 040 102
40.B	Wheel-hub cap For hub odometer SKRB Integral		5043 040 103
45	Double hexagon bolt	M14 x 1,5 x 65 mm	5043 751 009
045	Accessories set Brake disc		5034 343 663
46	Grease, 5 g		5053 870 015
56	Double hexagon bolt	M18 x 1,5 x 55 mm	5043 751 006
056	Attachment screw set Brake caliper		5034 343 660
56.A	Close-tolerance bolt	M18 x 1,5 x 55 mm	5043 751 008
59	Brake caliper with brake pad, SBS 1918 H0, left		5030 800 085
60	Brake caliper with brake pad, SBS 1918 H0, right		5030 800 086
064	Brake pad set		5030 570 014
065	Resetter group With adjusting screw and plug		5034 343 862
066	Gasket set For pressure pad		5034 343 863
068	Wear indicator kit		5034 242 033
70	Guide sealing set		5034 343 861
78	ABS kit with rod sensor and clamp bush		5030 290 233
78.A	Rod sensor (Intra-family) with plug	Cable length 1000 mm	5040 291 064
78.B	Clamping sleeve, for ABS sensor		0687 598 154



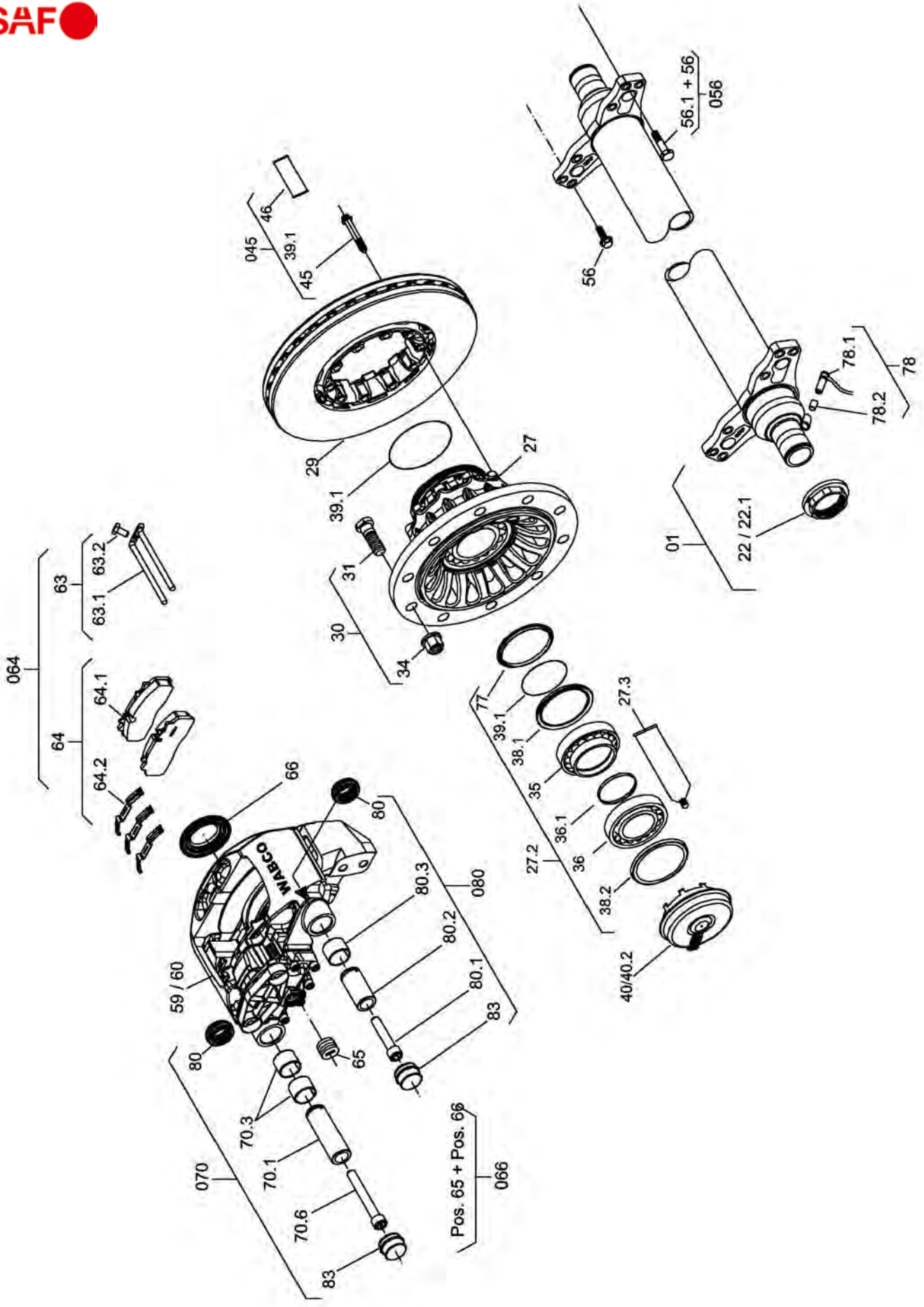
Service parts suitable for B9-22K01

Fig.	Description	Dimensions	Order no.
22	Axle nut, right	M75 x 1,5/Spanner size 85 mm	5010 110 086
22.1	Axle nut, left	M75 x 1,5/Spanner size 85 mm	5010 110 085
27	Wheel hub with wheel bearings and seals		5033 073 056
27.2	Repair kit Wheel hub unit		5034 343 020
29	Brake disc	∅ 430 x 48 mm	5040 790 017
30	Wheel bolt set (Fig. 31, 34)	M22 x 1,5 x 68 mm	5013 031 118
30	Wheel bolt set (fig. 31, 34)	M22 x 1,5 x 78 mm	5033 021 157
31	Wheel bolt, aluminium	M22 x 1,5 x 76 mm	5013 031 120
34	Wheel nut	M22 x 1,5 x 27/Spanner size 32 mm	5042 473 012
38	Repair kit For wheel bearing grease change		5034 343 024
39.1	O-ring	∅ 92 mm x 4 mm	5043 150 075
40	Wheel-hub cap with O-ring SKRB Integral		5043 040 102
40.2	Wheel-hub cap For hub odometer SKRB Integral		5043 040 103
045	Accessories set Brake disc		5034 343 663
45	Double hexagon bolt	M14 x 1,5 x 65 mm	5043 751 009
46	Grease, 5 g		5053 870 015
056	Attachment screw set Brake caliper		5034 343 660
56	Double hexagon bolt	M18 x 1,5 x 55 mm	5043 751 006
56.1	Close-tolerance bolt	M18 x 1,5 x 55 mm	5043 751 008
59	Brake caliper, right, With disc brake pad set		5030 800 060
60	Brake caliper, left, With disc brake pad set		5030 800 059
064	Brake pad set, Knorr SK7 (Fig. 63, 64.1, 64.2, 65, 65.1)	201,8 x 108 x 30,00 mm	5030 570 085
65	Repair kit Adjuster cap SN6,7/SK7 (Fig. 65.1)		5034 343 816
66	Pressure pad set Knorr SN/SK (Fig. 66.1, 66.2, 66.3)		5034 343 814
070	Guide sealing set SK7 (Fig. 65, 70, 81)		5034 343 815
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 400 mm	0210 329 212
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 1000 mm	0210 329 222
78.1	Speed sensor for ABS, S plus	Cable length 400 mm	5040 291 002
78.1	Rod sensor (Intra-family) with plug	Cable length 1000 mm	5040 291 064
78.2	Clamping sleeve, for ABS sensor		0687 598 154
83.1	Steel cap SK7 (fixed bearing)		5034 343 817



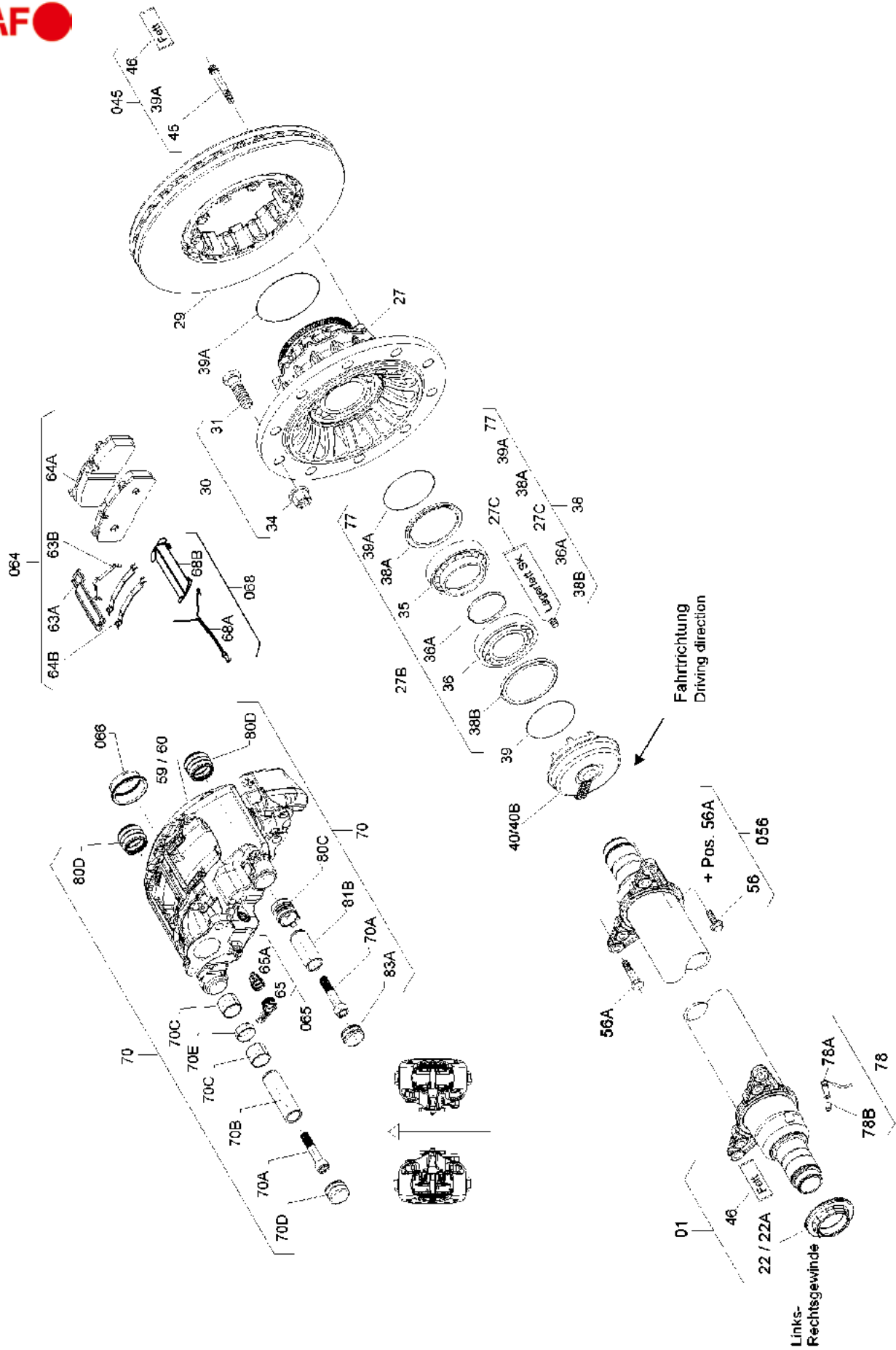
Service parts suitable for B9-22S01

Fig.	Description	Dimensions	Order no.
22	Axle nut, right	M75 x 1,5/Spanner size 85 mm	5010 110 086
22.1	Axle nut, left	M75 x 1,5/Spanner size 85 mm	5010 110 085
27	Wheel hub with wheel bearings and seals		5033 073 056
27.2	Repair kit for wheel bearing		5034 402 000
29	Brake disc	∅ 430 x 48 mm	5040 790 017
27	Wheel bolt set (Fig. 31, 34)	M22 x 1,5 x 68 mm	5013 031 118
30	Wheel bolt set (fig. 31, 34)	M22 x 1,5 x 78 mm	5033 021 157
31	Wheel bolt, aluminium	M22 x 1,5 x 76 mm	5013 031 120
31	Wheel bolt	M22 x 1,5 x 68 mm	5030 311 181
34	Wheel nut	M22 x 1,5 x 27/Spanner size 32 mm	5042 473 012
38	Repair kit For wheel bearing grease change		5034 343 024
39.1	O-ring	∅ 92 mm x 4 mm	5043 150 075
40	Wheel-hub cap with O-ring SKRB Integral		5043 040 102
40.2	Wheel-hub cap For hub odometer SKRB Integral		5043 040 103
045	Accessories set Brake disc		5034 343 663
45	Double hexagon bolt	M14 x 1,5 x 65 mm	5043 751 009
46	Grease, 5 g		5053 870 015
056	Attachment screw set Brake caliper		5034 343 660
56	Double hexagon bolt	M18 x 1,5 x 55 mm	5043 751 006
56.1	Close-tolerance bolt	M18 x 1,5 x 55 mm	5043 751 008
59	Brake caliper with brake pad, SBS 2220 K0, left		5030 800 087
60	Brake caliper with brake pad, SBS 2220 K0, right		5030 800 088
63.5	Wear contact set		5034 242 004
064	Brake pad set		5030 570 006
65	Adjuster cap set for brake application unit		3400 046 950
66	Pressure pad set		5034 343 823
070	Guide sealing set		5034 343 824
76	Bracket for sensor connector	Outer ∅ 24/Inner ∅ 18,1/Height 11 x 30 mm	5011 890 080
78	ABS kit with rod sensor and clamp bush		5030 290 233
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 400 mm	0210 329 212
78.1	Speed sensor for ABS, S plus	Cable length 400 mm	5040 291 002
78.1	Rod sensor (Intra-family) with plug	Cable length 1000 mm	5040 291 064
78.2	Clamping sleeve, for ABS sensor		0687 598 154



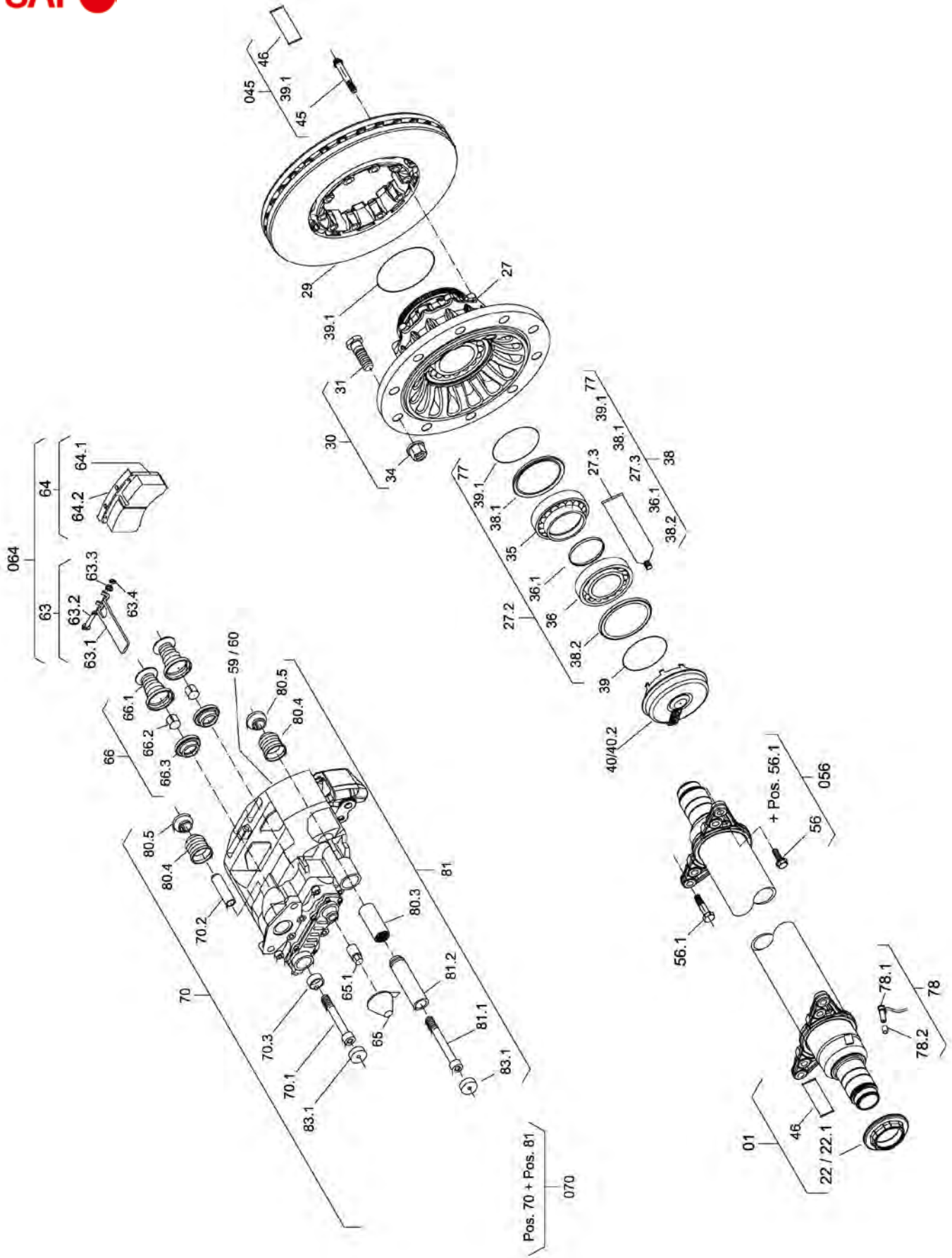
Service parts suitable for BI9-22W

Fig.	Description	Dimensions	Order no.
22	Axle nut, right	M75 x 1,5/Spanner size 85 mm	5010 110 086
22.1	Axle nut, left	M75 x 1,5/Spanner size 85 mm	5010 110 085
27	Wheel hub Integral		5033 073 045
27.2	Repair kit Wheel hub unit		5034 343 020
29	Brake disc Integral	430 x 48 mm	5040 790 013
27	Wheel bolt set (Fig. 31, 34)	M22 x 1,5 x 68 mm	5013 031 118
30	Wheel bolt set (fig. 31, 34)	M22 x 1,5 x 78 mm	5033 021 157
31	Wheel bolt, aluminium	M22 x 1,5 x 76 mm	5013 031 120
34	Wheel nut	M22 x 1,5 x 27/Spanner size 32 mm	5042 473 012
39.1	O-ring	∅ 92 mm x 4 mm	5043 150 075
40	Wheel-hub cap with O-ring SKRB Integral		5043 040 102
40.2	Wheel-hub cap For hub odometer SKRB Integral		5043 040 103
045	Repair kit Built-in disc RB/BI		5034 343 662
45	Double hexagon bolt	M12 x 1,5 x 75 mm	5043 751 005
46	Grease, 5 g		5053 870 015
056	Attachment screw set Brake caliper		5034 343 660
56	Double hexagon bolt	M18 x 1,5 x 55 mm	5043 751 006
56.1	Close-tolerance bolt	M18 x 1,5 x 55 mm	5043 751 008
59	Brake caliper, left, WABCO PAN 22-1		5030 800 067
60	Brake caliper, right, WABCO PAN 22-1		5030 800 068
064	Brake pad set (Fig. 63, 64.1, 64.2, 65)	210,4 x 109,5 x 31,00 mm	5030 570 084
066	Gasket set SK RB (Fig. 65, 65.2, 66)		5034 343 829
070	Guide sealing set SK RB (Fig. 70.1-70.6, 080)		5343 438 271
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 1000 mm	0210 329 222
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 400 mm	0210 329 212
78.1	Speed sensor for ABS, S plus	Cable length 400 mm	5040 291 002
78.1	Rod sensor (Intra-family) with plug	Cable length 1000 mm	5040 291 064
78.2	Clamping sleeve, for ABS sensor		0687 598 154



Service parts suitable for BI9-19S

Fig.	Description	Dimensions	Order no.
22	Axle nut, right	M75 x 1,5/Spanner size 85 mm	5010 110 086
22.1	Axle nut, left	M75 x 1,5/Spanner size 85 mm	5010 110 085
27	Wheel hub Integral		5033 073 045
27.2	Repair kit for wheel bearing		5034 402 000
29	Brake disc	∅ 377 x 57,5 mm	5040 790 010
27	Wheel bolt set (Fig. 31, 34)	M22 x 1,5 x 68 mm	5013 031 118
30	Wheel bolt set (fig. 31, 34)	M22 x 1,5 x 78 mm	5033 021 157
31	Wheel bolt, aluminium	M22 x 1,5 x 76 mm	5013 031 120
31	Wheel bolt	M22 x 1,5 x 68 mm	5030 311 181
34	Wheel nut	M22 x 1,5 x 27/Spanner size 32 mm	5042 473 012
38	Repair kit For wheel bearing grease change		5034 343 024
39.1	O-ring	∅ 92 mm x 4 mm	5043 150 075
40	Wheel-hub cap with O-ring SKRB Integral		5043 040 102
40.2	Wheel-hub cap For hub odometer SKRB Integral		5043 040 103
45	Double hexagon bolt	M12 x 1,5 x 75 mm	5043 751 005
045	Repair kit Built-in disc RB/BI		5034 343 662
46	Grease, 5 g		5053 870 015
56	Double hexagon bolt	M18 x 1,5 x 55 mm	5043 751 006
056	Attachment screw set Brake caliper		5034 343 660
56.1	Close-tolerance bolt	M18 x 1,5 x 55 mm	5043 751 008
59	Brake caliper with brake pad, SBS 1918 H0, left		5030 800 085
60	Brake caliper with brake pad, SBS 1918 H0, right		5030 800 086
064	Brake pad set		5030 570 014
065	Resetter group With adjusting screw and plug		5034 343 862
066	Gasket set For pressure pad		5034 343 863
068	Wear indicator kit		5034 242 033
70	Guide sealing set		5034 343 861
78	ABS kit with rod sensor and clamp bush		5030 290 233
78.1	Rod sensor (Intra-family) with plug	Cable length 1000 mm	5040 291 064
78.2	Clamping sleeve, for ABS sensor		0687 598 154



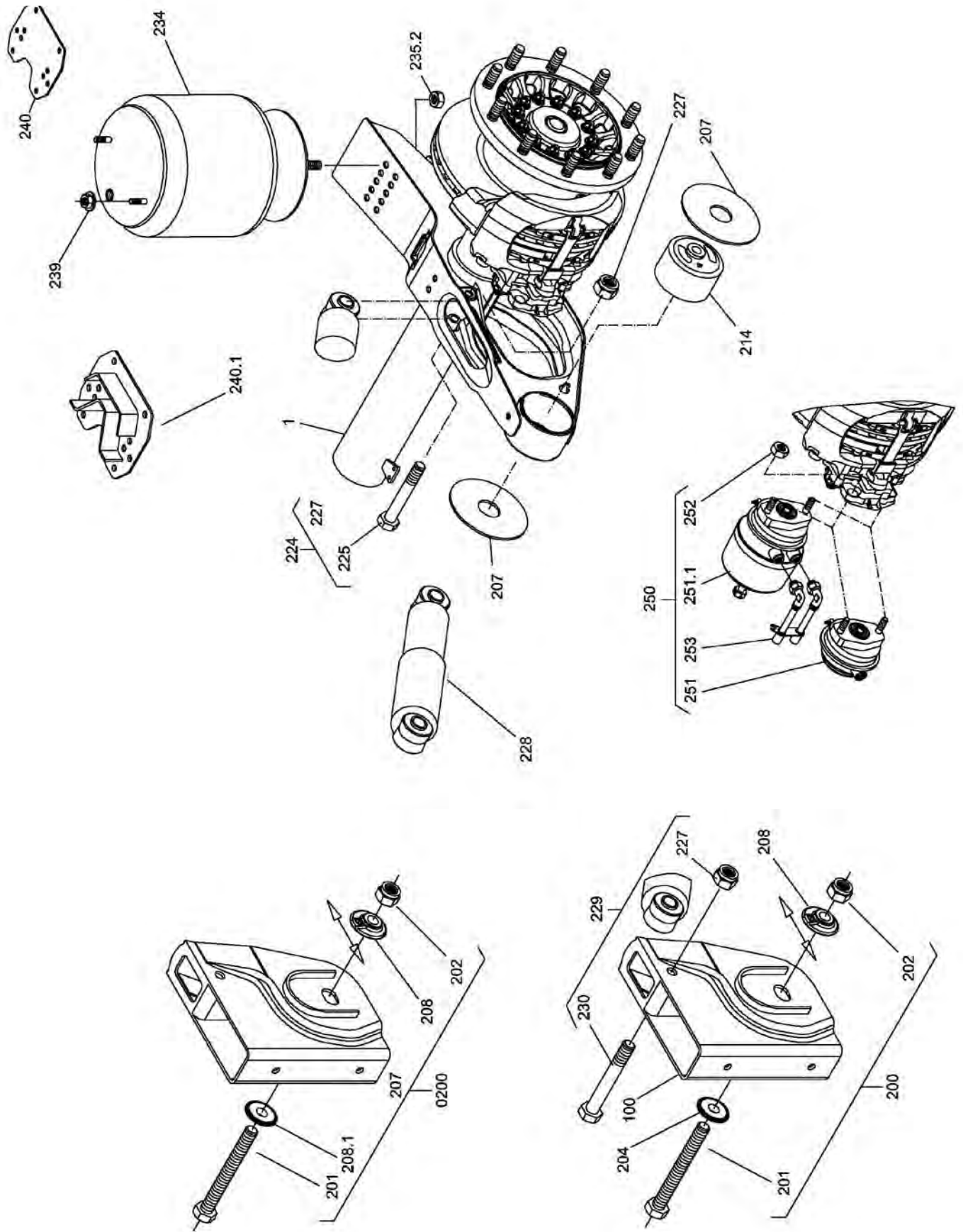
Service parts suitable for BI9-22K01

Fig.	Description	Dimensions	Order no.
22	Axle nut, right	M75 x 1,5/Spanner size 85 mm	5010 110 086
22.1	Axle nut, left	M75 x 1,5/Spanner size 85 mm	5010 110 085
27	Wheel hub Integral		5033 073 045
27.2	Repair kit for wheel bearing		5034 402 000
29	Brake disc Integral	430 x 48 mm	5040 790 013
30	Wheel bolt set (Fig. 31, 34)	M22 x 1,5 x 68 mm	5013 031 118
30	Wheel bolt set (fig. 31, 34)	M22 x 1,5 x 78 mm	5033 021 157
31	Wheel bolt, aluminium	M22 x 1,5 x 76 mm	5013 031 120
34	Wheel nut	M22 x 1,5 x 27/Spanner size 32 mm	5042 473 012
38	Repair kit For wheel bearing grease change		5034 343 024
39.1	O-ring	∅ 92 mm x 4 mm	5043 150 075
40	Wheel-hub cap with O-ring SKRB Integral		5043 040 102
40.2	Wheel-hub cap For hub odometer SKRB Integral		5043 040 103
045	Repair kit Built-in disc RB/BI		5034 343 662
45	Double hexagon bolt	M12 x 1,5 x 75 mm	5043 751 005
46	Grease, 5 g		5053 870 015
056	Attachment screw set Brake caliper		5034 343 660
56	Double hexagon bolt	M18 x 1,5 x 55 mm	5043 751 006
56.1	Close-tolerance bolt	M18 x 1,5 x 55 mm	5043 751 008
59	Brake caliper, right, With disc brake pad set		5030 800 060
60	Brake caliper, left, With disc brake pad set		5030 800 059
064	Brake pad set, Knorr SK7 (Fig. 63, 64.1, 64.2, 65, 65.1)	201,8 x 108 x 30,00 mm	5030 570 085
65	Repair kit Adjuster cap SN6,7/SK7 (Fig. 65.1)		5034 343 816
66	Pressure pad set Knorr SN/SK (Fig. 66.1, 66.2, 66.3)		5034 343 814
070	Guide sealing set SK7 (Fig. 65, 70, 81)		5034 343 815
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 1000 mm	0210 329 222
78.1	Rod sensor (Intra-family) with plug	Cable length 1000 mm	5040 291 064
78.2	Clamping sleeve, for ABS sensor		0687 598 154
83.1	Steel cap SK7 (fixed bearing)		5034 343 817



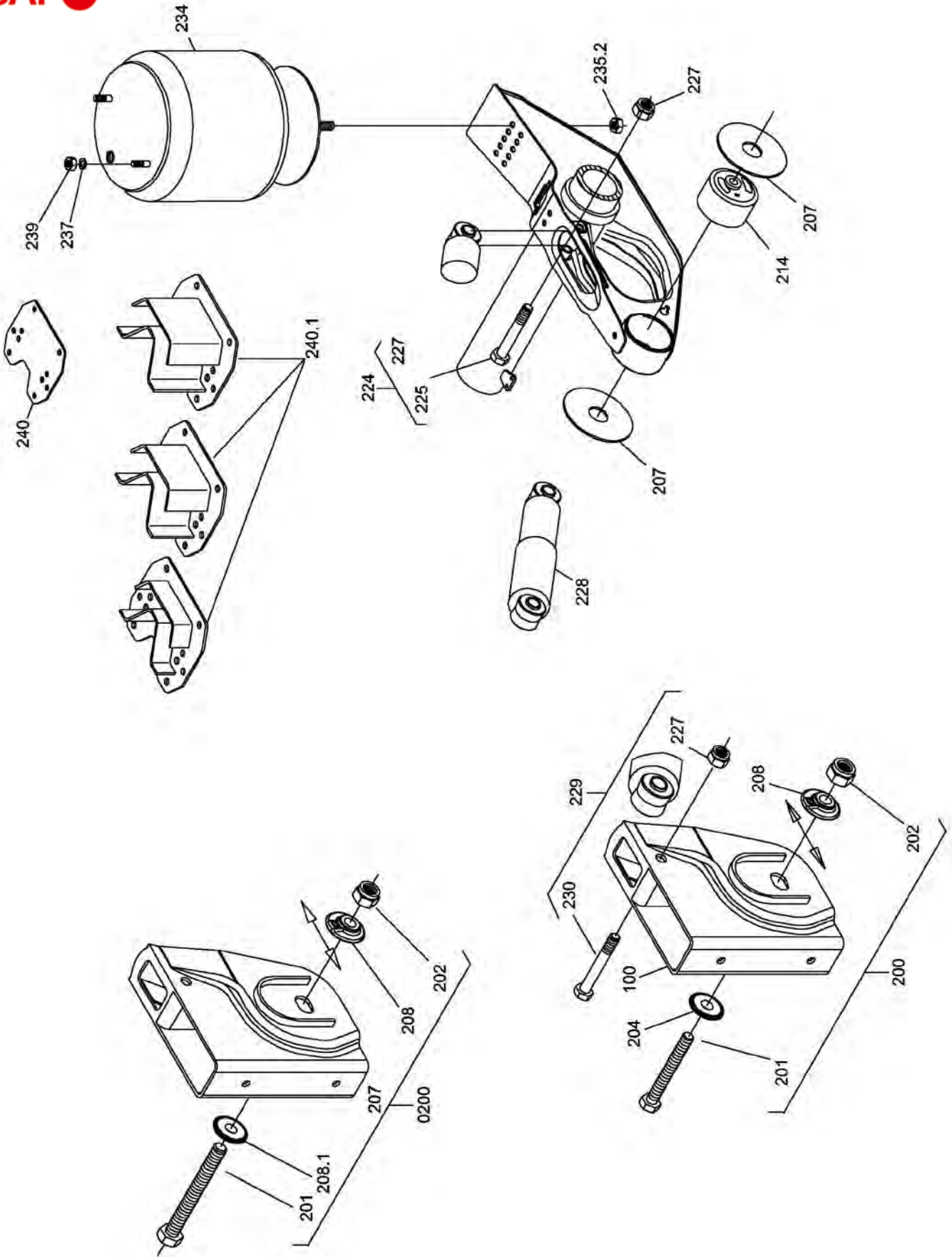
Service parts suitable for BI9-22S01

Fig.	Description	Dimensions	Order no.
22	Axle nut, right	M75 x 1,5/Spanner size 85 mm	5010 110 086
22.1	Axle nut, left	M75 x 1,5/Spanner size 85 mm	5010 110 085
27	Wheel hub Integral		5033 073 045
27.2	Repair kit for wheel bearing		5034 402 000
29	Brake disc Integral	430 x 48 mm	5040 790 013
30	Wheel bolt set (Fig. 31, 34)	M22 x 1,5 x 68 mm	5013 031 118
30	Wheel bolt set (fig. 31, 34)	M22 x 1,5 x 78 mm	5033 021 157
31	Wheel bolt, aluminium	M22 x 1,5 x 76 mm	5013 031 120
31	Wheel bolt	M22 x 1,5 x 68 mm	5030 311 181
34	Wheel nut	M22 x 1,5 x 27/Spanner size 32 mm	5042 473 012
38	Repair kit For wheel bearing grease change		5034 343 024
39.1	O-ring	∅ 92 mm x 4 mm	5043 150 075
40	Wheel-hub cap with O-ring SKRB Integral		5043 040 102
40.2	Wheel-hub cap For hub odometer SKRB Integral		5043 040 103
045	Repair kit Built-in disc RB/BI		5034 343 662
45	Double hexagon bolt	M12 x 1,5 x 75 mm	5043 751 005
46	Grease, 5 g		5053 870 015
056	Attachment screw set Brake caliper		5034 343 660
56	Double hexagon bolt	M18 x 1,5 x 55 mm	5043 751 006
56.1	Close-tolerance bolt	M18 x 1,5 x 55 mm	5043 751 008
59	Brake caliper with brake pad, SBS 2220 K0, left		5030 800 087
60	Brake caliper with brake pad, SBS 2220 K0, right		5030 800 088
63.5	Wear contact set		5034 242 004
064	Brake pad set		5030 570 006
65	Adjuster cap set for brake application unit		3400 046 950
66	Pressure pad set		5034 343 823
070	Guide sealing set		5034 343 824
76	Bracket for sensor connector	Outer ∅ 24/Inner ∅ 18,1/Height 11 x 30 mm	5011 890 080
78	ABS kit with rod sensor and clamp bush		5030 290 233
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 400 mm	0210 329 212
78.1	Speed sensor for ABS, S plus	Cable length 400 mm	5040 291 002
78.1	Rod sensor (Intra-family) with plug	Cable length 1000 mm	5040 291 064
78.2	Clamping sleeve, for ABS sensor		0687 598 154



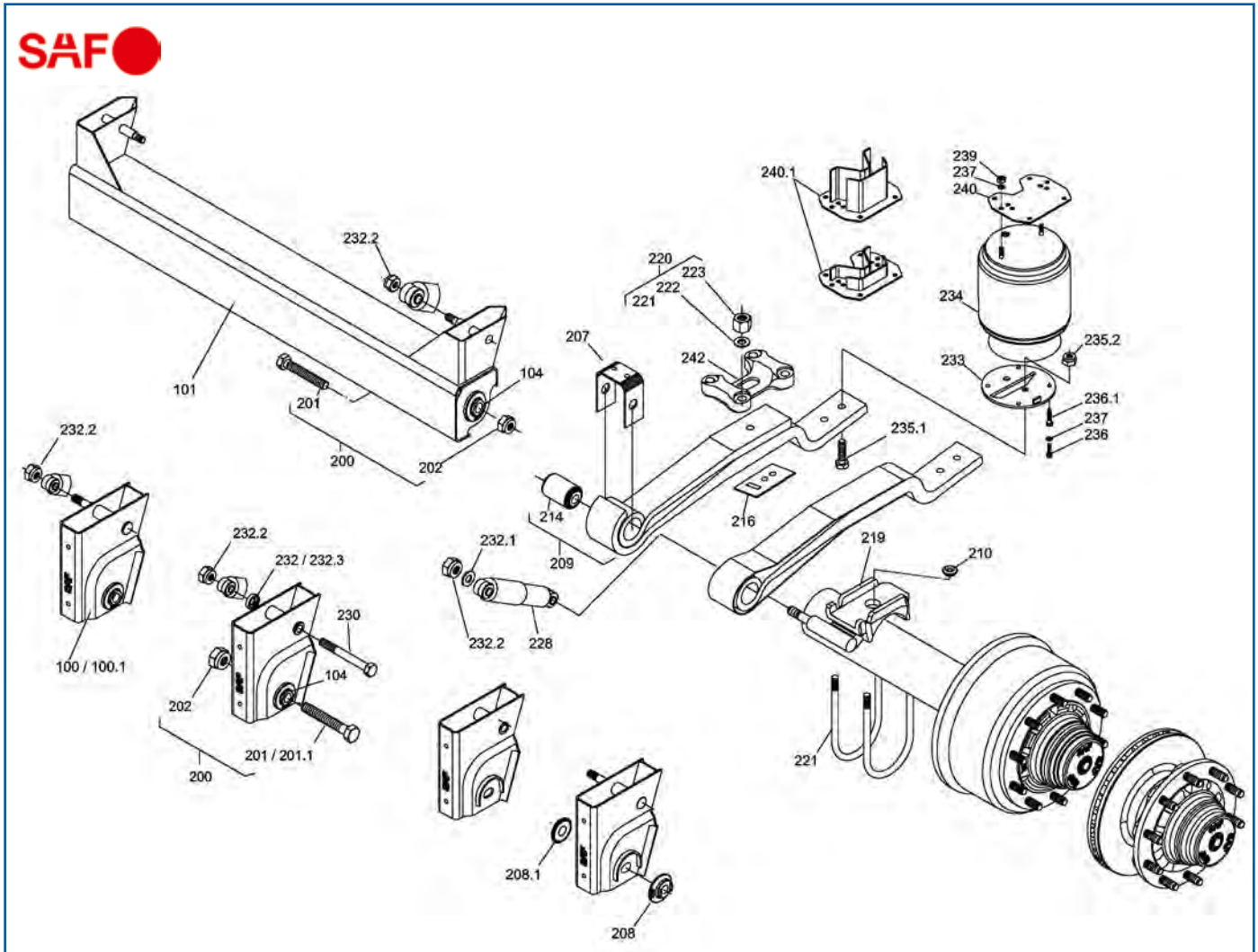
Service parts suitable for INTRADISC-IO

Fig.	Description	Dimensions	Order no.
200	Bolt (fig. 201, 202)	M30 x 200	5033 411 048
0200	Repair kit spring bearing IO/IU		5034 343 661
201	Bolt	M30 x 205	5043 431 048
202	Counternut	M30	5042 474 022
204	Pressure disc for air spring assembly		5011 012 001
207	Stop disc	170 x 60,5 x 4,75 mm	5043 315 029
208	Eccentric washer	∅ 102 x 20 mm	5011 230 001
214	Bearing bush		5041 773 028
224	Bolt (fig. 225-227)	M20 x 1,5 x 150 mm	5033 412 802
225	Attachment screw	M20 x 1,5 x 150 mm	5043 432 802
226	Washer	32 x 21 x 3 mm	5043 311 503
227	Counternut	M20 x 1,5	5042 474 044
228	Shock absorber	Length 280-410 mm	5023 760 070
228	Shock absorber	Length 318-438 mm	5023 760 071
228	Shock absorber	Length 340-530 mm	5023 760 072
229	Bolt (fig. 227, 230)	M20 x 1,5 x 120 mm	5033 412 803
230	Collar bolt	M20 x 1,5 x 120 mm	5043 432 803
233	Mounting plate for air spring assembly	∅ 260 mm	5010 430 351
234	Air spring	290 x 351 mm	5032 290 033
235.2	Counternut	M16	5042 474 007
236	Thread-cutting screw	K100 x 40 mm	5043 432 037
239	Hexagon nut	M12	5043 420 005
240	Air spring plate, steel		5010 430 261
240	Air spring plate, aluminium		5010 430 262
240.1	Air spring support	50 mm	5022 370 081
240.1	Air spring support	100 mm	5022 370 080



Service parts suitable for INTRADISC-IU

Fig.	Description	Dimensions	Order no.
200	Bolt (fig. 201, 202)	M30 x 200	5033 411 048
0200	Repair kit spring bearing IO/IU		5034 343 661
201	Bolt	M30 x 205	5043 431 048
202	Counternut	M30	5042 474 022
204	Pressure disc		5011 012 001
207	Stop disc	170 x 60,5 x 4,75 mm	5043 315 029
208	Eccentric washer	∅ 102 x 20 mm	5011 230 001
214	Bearing bush		5041 773 028
224	Bolt (fig. 225-227)	M20 x 1,5 x 150 mm	5033 412 802
225	Attachment screw	M20 x 1,5 x 150 mm	5043 432 802
227	Counternut	M20 x 1,5	5042 474 044
228	Shock absorber		5023 760 073
229	Bolt (fig. 227, 230)	M20 x 1,5 x 120 mm	5033 412 803
230	Collar bolt	M20 x 1,5 x 120 mm	5043 432 803
233	Attachment plate for air spring assembly SAF 2918V/2923V/2926V		5020 430 306
234	Air spring 2926 V		5032 290 030
235.1	Bolt	M16 x 40	5043 310 368
236	Attachment screw	M12 x 30	5043 435 001
239	Counternut	M12	5042 474 047



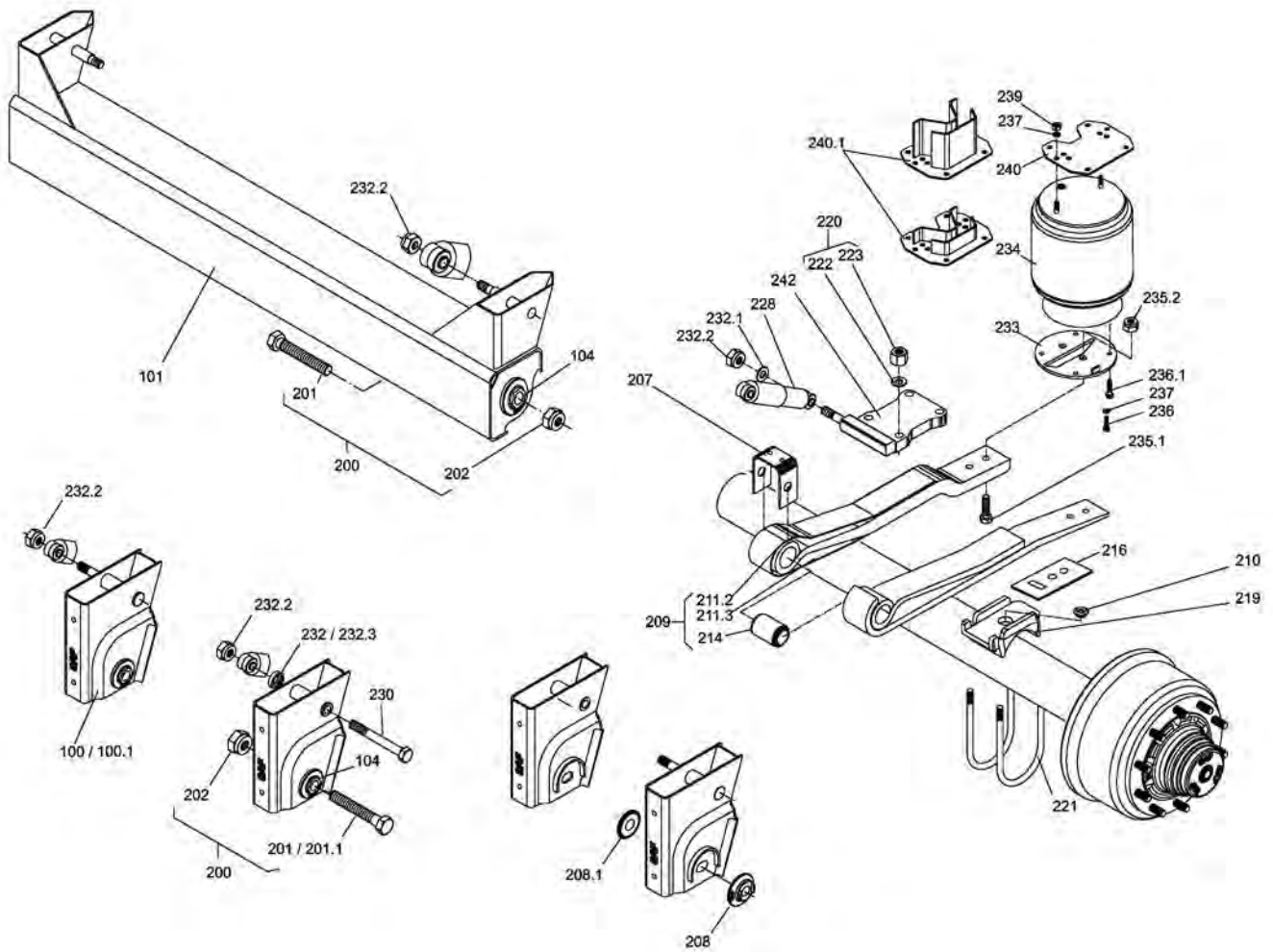
Service parts suitable for MODUL-M

Fig.	Description	Dimensions	Order no.
104	Weld-in hub	90 x 19,5 mm/Spanner size 45 mm	5012 512 003
200	Bolt (fig. 201, 202)	M30 x 200	5033 411 048
200	Repair kit spring bearing suitable for air spring series M/O/U, rigid		5034 343 644
201	Bolt	M30 x 205	5043 431 048
201.1	Bolt	M30 x 240	5043 431 053
202	Counternut	M30	5042 474 022
207	U profile	70 x 5 x 368,8 mm	5044 052 071
208	Eccentric washer	∅ 102 x 20 mm	5011 230 001
204	Pressure disc		5011 012 001
209	Parabolic leaf spring (fig. 214)	Length at front 517/Length at rear 425 mm	5031 551 027
209	Parabolic leaf spring (Fig. 214)	Length at front 517/Length at rear 425 mm	5031 551 035
	Pitman spring (Fig. 211, 214)	Length at front 517/Length at rear 375 mm	5031 551 087
210	Thrust block	∅ 54/30,5 x 20,5 mm	5042 082 001
214	Bearing bush	68/30 x 104 mm	5041 773 010
216	Safety plate	95 x 5 x 225 mm	5013 450 007
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 285,5/∅ 146 mm	5034 010 064
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 321,5/∅ 146 mm	5034 010 065

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Fig.	Description	Dimensions	Order no.
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 307/∅ 133 mm	5034 010 069
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 267/∅ 127 mm	5034 010 071
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 304/∅ 127 mm	5034 010 072
221	Spring hoop	M22 x 1,5 x 285,5/∅ 146 mm	5014 020 064
221	Spring hoop	M22 x 1,5 x 321,5/∅ 146 mm	5014 020 065
221	Spring hoop	M22 x 1,5 x 307/∅ 133 mm	5014 020 069
221	Spring hoop	M22 x 1,5 x 267/∅ 127 mm	5140 200 710
221	Spring hoop	M22 x 1,5 x 304/∅ 127 mm	5014 020 072
222	Washer		5013 310 204
223	Hexagon nut	M22 x 1,5 x 25 mm	5043 420 047
228	Shock absorber	Length 325-495 mm	5023 760 026
228	Shock absorber	Length 315-475 mm	5023 760 030
228	Shock absorber	Length 350-540 mm	5023 760 031
230	Bolt	M24 x 2 x 250 mm	5434 320 348
232	Spacer washer		5010 970 011
232.2	Counternut	M24 x 2	5042 474 040
233	Attachment plate	∅ 240 x 8 mm, Offset 0 mm	5010 430 291
233	Attachment plate	∅ 240 x 8 mm, Offset 30 mm	5010 430 292
233	Attachment plate, left	∅ 240 x 10 mm, Offset 55 mm	5010 430 327
233	Attachment plate, right	∅ 240 x 10 mm, Offset 55 mm	5010 430 328
233	Attachment plate, left	∅ 240 x 15 mm, Offset 70 mm	5020 430 289
233	Attachment plate, right	∅ 240 x 15 mm, Offset 70 mm	5020 430 290
233	Attachment plate, left	∅ 260 x 10 mm, Offset 55 mm	5020 430 315
233	Attachment plate, right	∅ 260 x 10 mm, Offset 55 mm	5020 430 316
234	Air spring 2918 V		5032 290 027
234	Air spring 2618 V		5032 290 029
234	Air spring 2926 V		5032 290 030
234	Air spring 2923 VK		5032 290 031
235.1	Bolt	M20 x 70	5043 310 148
235.1	Countersunk screw	M20 x 80	5043 435 008
235.2	Counternut	M20	5042 474 012
236	Bolt	M12 x 30	5043 431 008
236	Thread-cutting screw	K100 x 40 mm	5043 432 037
239	Hexagon nut	M12	5043 420 005
240	Air spring plate, steel		5010 430 261
240	Air spring plate, aluminium		5010 430 262
240.1	Air spring support	40 mm	5022 370 070
240.1	Air spring support	50 mm	5022 370 081
240.1	Air spring support	70 mm	5022 370 071
240.1	Air spring support	100 mm	5022 370 080
240.1	Air spring support	130 mm	5022 370 072
240.1	Air spring support	160 mm	5022 370 073
240.1	Air spring support	210 mm	5022 370 074
242	Clamping plate, suitable for ∅ 127/133 mm		5013 500 088
242	Clamping plate, suitable for ∅ 146 mm		5013 500 086



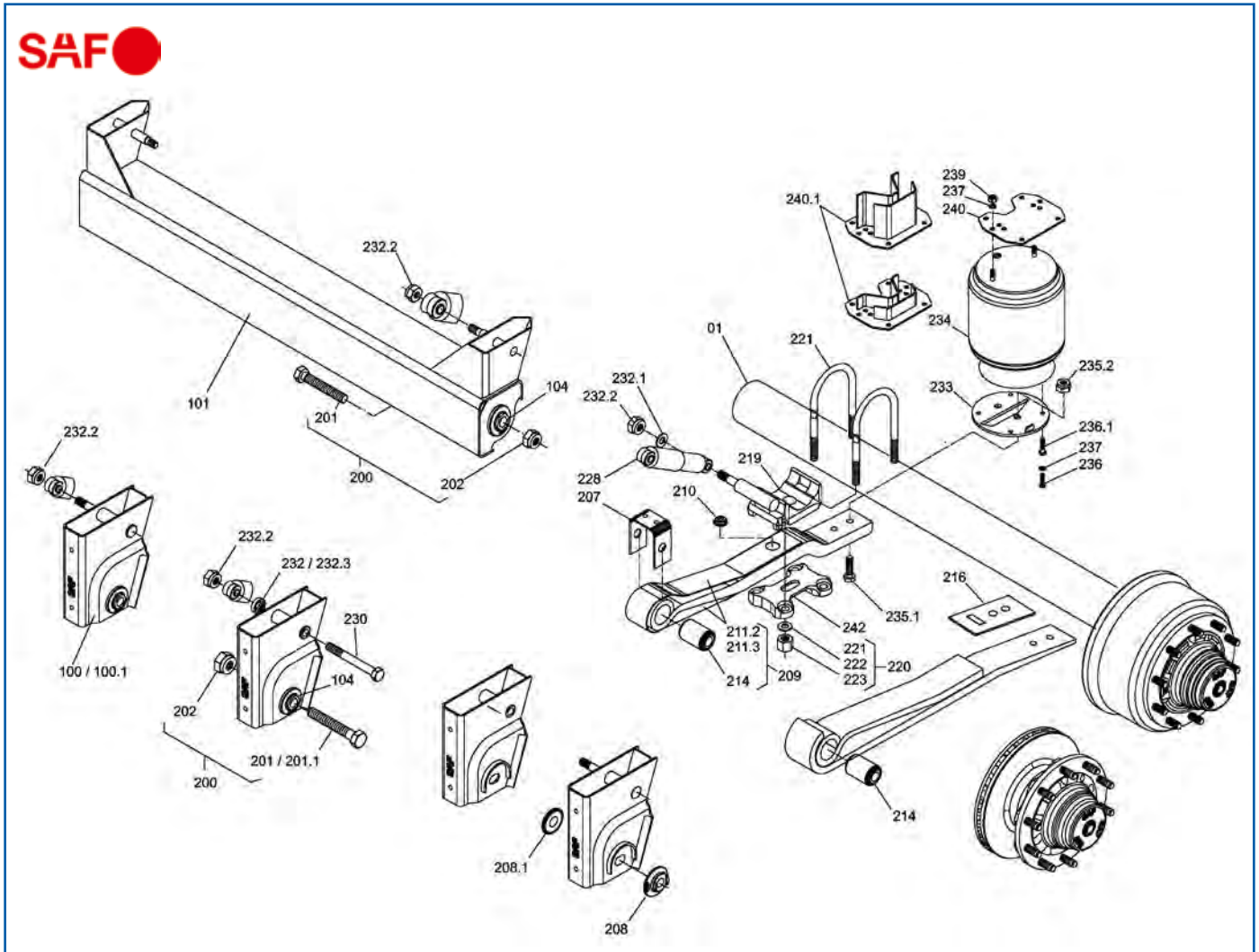
Service parts suitable for MODUL-O

Fig.	Description	Dimensions	Order no.
104	Weld-in hub	90 x 19,5 mm/Spanner size 45 mm	5012 512 003
200	Bolt (fig. 201, 202)	M30 x 200	5033 411 048
201	Bolt	M30 x 205	5043 431 048
201.1	Bolt	M30 x 240	5043 431 053
202	Counternut	M30	5042 474 022
207	U profile	70 x 5 x 368,8 mm	5044 052 071
208	Eccentric washer	∅ 102 x 20 mm	5011 230 001
204	Pressure disc		5011 012 001
209	Parabolic leaf spring (fig. 214)	Length 805, 43/43 mm	5031 551 042
209	Parabolic leaf spring (fig. 211.1, 214)	Length 835, 48 mm	5031 551 028
209	Parabolic leaf spring (fig. 214)	Length 875, 38/38 mm	5031 551 046
209	Parabolic leaf spring (fig. 214)	Length 875, 38/38 mm	5031 551 049
209	Parabolic leaf spring (fig. 214)	Length 875, 43/43 mm	5031 551 050
209	Parabolic leaf spring (Fig. 211.2, 214)	Length 875, 48 mm	1088 616 800
209	Parabolic leaf spring (fig. 214)	Length 885, 38/38 mm	5031 551 025
210	Thrust block	∅ 54/30,5 x 20,5 mm	5042 082 001

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Fig.	Description	Dimensions	Order no.
211.2	Catch plate		5013 451 009
211.3	Catch plate		5013 451 004
214	Bearing bush	68/30 x 104 mm	5041 773 010
216	Safety plate	95 x 5 x 225 mm	5013 450 007
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 285,5/∅ 146 mm	5034 010 064
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 321,5/∅ 146 mm	5034 010 065
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 307/∅ 133 mm	5034 010 069
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 267/∅ 127 mm	5034 010 071
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 304/∅ 127 mm	5034 010 072
221	Spring hoop	M22 x 1,5 x 285,5/∅ 146 mm	5014 020 064
221	Spring hoop	M22 x 1,5 x 321,5/∅ 146 mm	5014 020 065
221	Spring hoop	M22 x 1,5 x 307/∅ 133 mm	5014 020 069
221	Spring hoop	M22 x 1,5 x 267/∅ 127 mm	5140 200 710
221	Spring hoop	M22 x 1,5 x 304/∅ 127 mm	5014 020 072
222	Washer		5013 310 204
223	Hexagon nut	M22 x 1,5 x 25 mm	5043 420 047
228	Shock absorber	Length 350-540 mm	5023 760 031
230	Bolt	M24 x 2 x 250 mm	5434 320 348
232	Spacer washer		5010 970 011
232.2	Counternut	M24 x 2	5042 474 040
233	Attachment plate	∅ 240 x 8 mm, Offset 0 mm	5010 430 291
233	Attachment plate	∅ 240 x 8 mm, Offset 30 mm	5010 430 292
233	Attachment plate, left	∅ 240 x 10 mm, Offset 55 mm	5010 430 327
233	Attachment plate, right	∅ 240 x 10 mm, Offset 55 mm	5010 430 328
233	Attachment plate, left	∅ 240 x 15 mm, Offset 70 mm	5020 430 289
233	Attachment plate, right	∅ 240 x 15 mm, Offset 70 mm	5020 430 290
233	Attachment plate, left	∅ 260 x 10 mm, Offset 55 mm	5020 430 315
233	Attachment plate, right	∅ 260 x 10 mm, Offset 55 mm	5020 430 316
234	Air spring 2918 V		5032 290 027
234	Air spring 2618 V		5032 290 029
234	Air spring 2926 V		5032 290 030
234	Air spring 2923 VK		5032 290 031
235.1	Bolt	M20 x 70	5043 310 148
235.1	Countersunk screw	M20 x 80	5043 435 008
235.2	Counternut	M20	5042 474 012
236	Bolt	M12 x 30	5043 431 008
236	Thread-cutting screw	K100 x 40 mm	5043 432 037
239	Hexagon nut	M12	5043 420 005
240	Air spring plate, steel		5010 430 261
240	Air spring plate, aluminium		5010 430 262
240.1	Air spring support	40 mm	5022 370 070
240.1	Air spring support	50 mm	5022 370 081
240.1	Air spring support	70 mm	5022 370 071
240.1	Air spring support	100 mm	5022 370 080
240.1	Air spring support	130 mm	5022 370 072
240.1	Air spring support	160 mm	5022 370 073
242	Clamping plate, suitable for ∅ 127/133 mm		5013 500 088
242	Clamping plate, suitable for ∅ 146 mm		5013 500 086



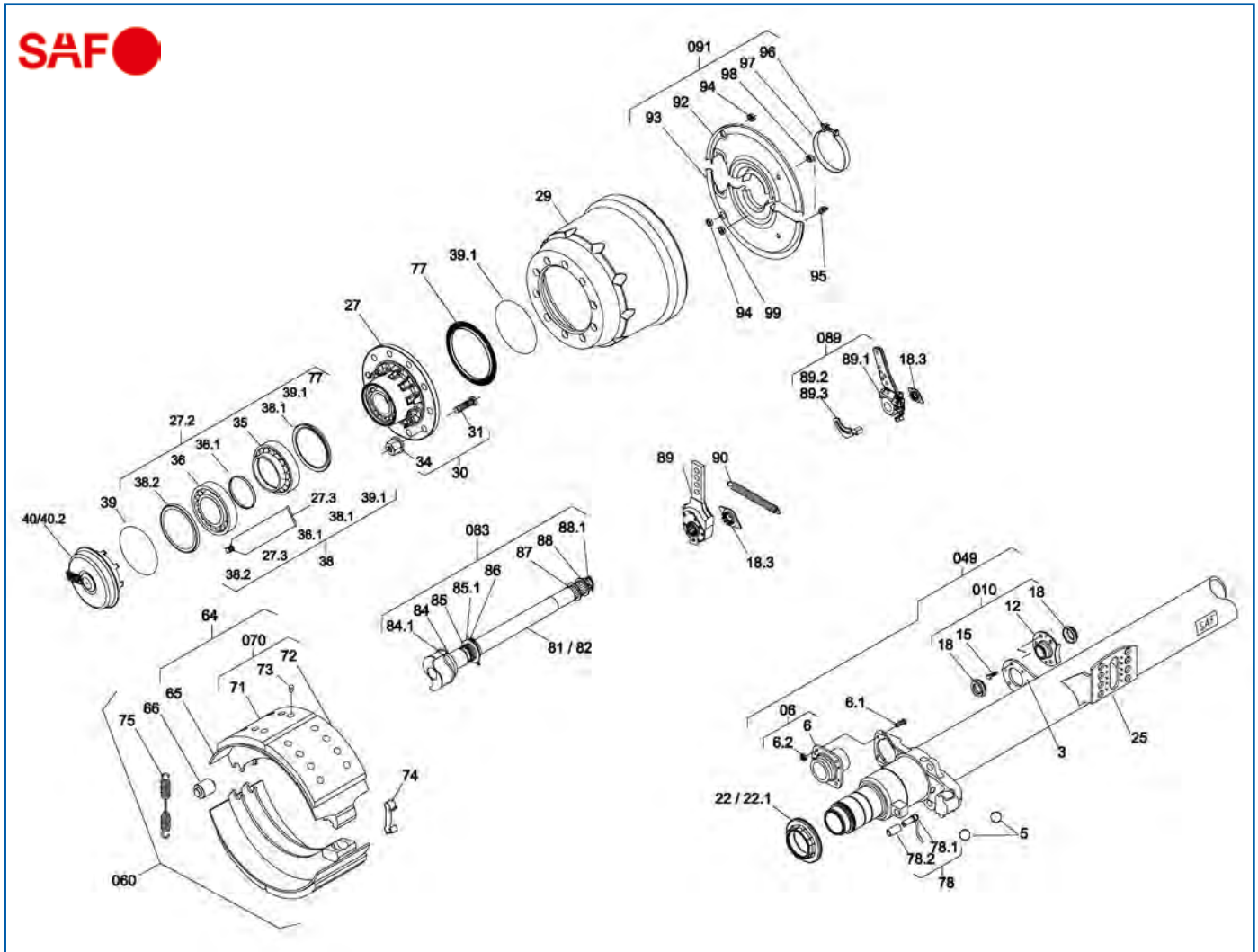
Service parts suitable for MODUL-U

Fig.	Description	Dimensions	Order no.
104	Weld-in hub	90 x 19,5 mm/Spanner size 45 mm	5012 512 003
200	Bolt (fig. 201, 202)	M30 x 200	5033 411 048
201	Bolt	M30 x 205	5043 431 048
201.1	Bolt	M30 x 240	5043 431 053
202	Counternut	M30	5042 474 022
207	U profile	70 x 5 x 368,8 mm	5044 052 071
208	Eccentric washer	∅ 102 x 20 mm	5011 230 001
204	Pressure disc		5011 012 001
209	Parabolic leaf spring (fig. 211.3, 214)	Length 835, 48 mm	5031 551 029
	Parabolic leaf spring (Fig. 211.2, 214)	Length 875, 48 mm	1088 616 800
209	Parabolic leaf spring (fig. 214)	Length 875, 38/38 mm	5031 551 046
209	Parabolic leaf spring (Fig. 214)	Length 925, 43/43 mm	5031 551 048
210	Thrust block	∅ 54/30,5 x 20,5 mm	5042 082 001
211.2	Catch plate		5013 451 009
211.3	Catch plate		5013 451 003
214	Bearing bush	68/30 x 104 mm	5041 773 010
216	Safety plate	95 x 5 x 225 mm	5013 450 007

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Fig.	Description	Dimensions	Order no.
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 285,5/∅ 146 mm	5034 010 064
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 321,5/∅ 146 mm	5034 010 065
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 307/∅ 133 mm	5034 010 069
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 267/∅ 127 mm	5034 010 071
220	Spring clamp kit (fig. 221-223)	M22 x 1,5 x 304/∅ 127 mm	5034 010 072
221	Spring hoop	M22 x 1,5 x 285,5/∅ 146 mm	5014 020 064
221	Spring hoop	M22 x 1,5 x 321,5/∅ 146 mm	5014 020 065
221	Spring hoop	M22 x 1,5 x 307/∅ 133 mm	5014 020 069
221	Spring hoop	M22 x 1,5 x 267/∅ 127 mm	5140 200 710
221	Spring hoop	M22 x 1,5 x 304/∅ 127 mm	5014 020 072
222	Washer		5013 310 204
223	Hexagon nut	M22 x 1,5 x 25 mm	5043 420 047
228	Shock absorber	Length 292-432 mm	5023 760 027
228	Shock absorber	Length 315-475 mm	5023 760 030
228	Shock absorber	Length 350-540 mm	5023 760 031
228	Shock absorber	Length 696-426 mm	5023 760 023
230	Bolt	M24 x 2 x 250 mm	5434 320 348
230	Bolt	M24 x 2 x 225 mm	5043 432 053
232	Spacer washer		5010 970 011
232.2	Counternut	M24 x 2	5042 474 040
233	Attachment plate	∅ 240 x 8 mm, Offset 0 mm	5010 430 291
233	Attachment plate	∅ 240 x 8 mm, Offset 30 mm	5010 430 292
233	Attachment plate, left	∅ 240 x 10 mm, Offset 55 mm	5010 430 327
233	Attachment plate, right	∅ 240 x 10 mm, Offset 55 mm	5010 430 328
233	Attachment plate, left	∅ 240 x 15 mm, Offset 30 mm	5010 430 307
233	Attachment plate, right	∅ 240 x 15 mm, Offset 30 mm	5010 430 308
233	Attachment plate, left	∅ 240 x 15 mm, Offset 70 mm	5020 430 289
233	Attachment plate, right	∅ 240 x 15 mm, Offset 70 mm	5020 430 290
233	Attachment plate, left	∅ 260 x 10 mm, Offset 55 mm	5020 430 315
233	Attachment plate, right	∅ 260 x 10 mm, Offset 55 mm	5020 430 316
234	Air spring 2918 V		5032 290 027
234	Air spring 2618 V		5032 290 029
234	Air spring 2926 V		5032 290 030
234	Air spring 2923 VK		5032 290 031
235.1	Bolt	M20 x 70	5043 310 148
235.1	Countersunk screw	M20 x 80	5043 435 008
235.2	Counternut	M20	5042 474 012
236	Bolt	M12 x 30	5043 431 008
236	Thread-cutting screw	K100 x 40 mm	5043 432 037
239	Hexagon nut	M12	5043 420 005
240	Air spring plate, steel		5010 430 261
240	Air spring plate, aluminium		5010 430 262
240.1	Air spring support	40 mm	5022 370 070
240.1	Air spring support	50 mm	5022 370 081
240.1	Air spring support	70 mm	5022 370 071
240.1	Air spring support	100 mm	5022 370 080
240.1	Air spring support	130 mm	5022 370 072
240.1	Air spring support	160 mm	5022 370 073
240.1	Air spring support	210 mm	5022 370 074
242	Clamping plate, suitable for ∅ 127/133 mm		5013 500 088
242	Clamping plate, suitable for ∅ 146 mm		5013 500 086



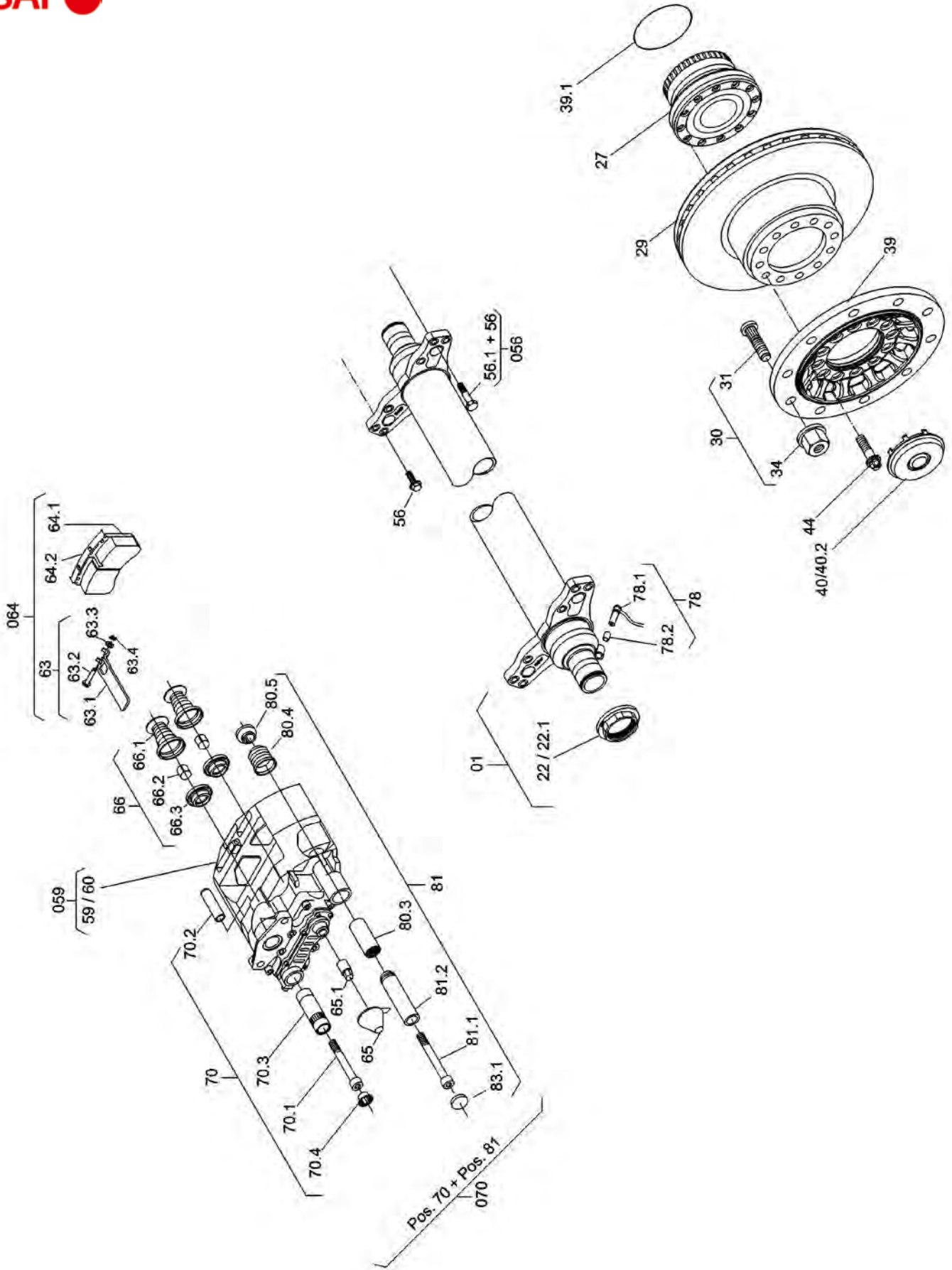
Service parts suitable for S9-4218

Fig.	Description	Dimensions	Order no.
5	Brake shoe ball	∅ 40 mm	5041 991 002
06	Brake cam bearing		5032 680 048
6.1	Attachment screw	M8 x 25	5040 517 001
6.2	Counternut	M8	5042 474 015
010	Brake cam bearing		5032 680 047
12	Brake cam bearing		5032 680 045
15	Bolt	M8 x 22, KL90	5043 432 912
18	Bellows	60/36,6 x 17 mm	5041 310 008
18.3	Wear indicator		5041 870 010
22	Axle nut, right	M75 x 1,5/Spanner size 85 mm	5010 110 086
22.1	Axle nut, left	M75 x 1,5/Spanner size 85 mm	5010 110 085
25	Base plate		5011 711 253
27	Wheel hub, complete	TK335/10	5033 073 043
27.2	Repair kit wheel hub unit		5034 343 019
27.3	Roller bearing grease		5043 870 011
29	Brake drum	227H/420/10-23/TK335	5010 640 260

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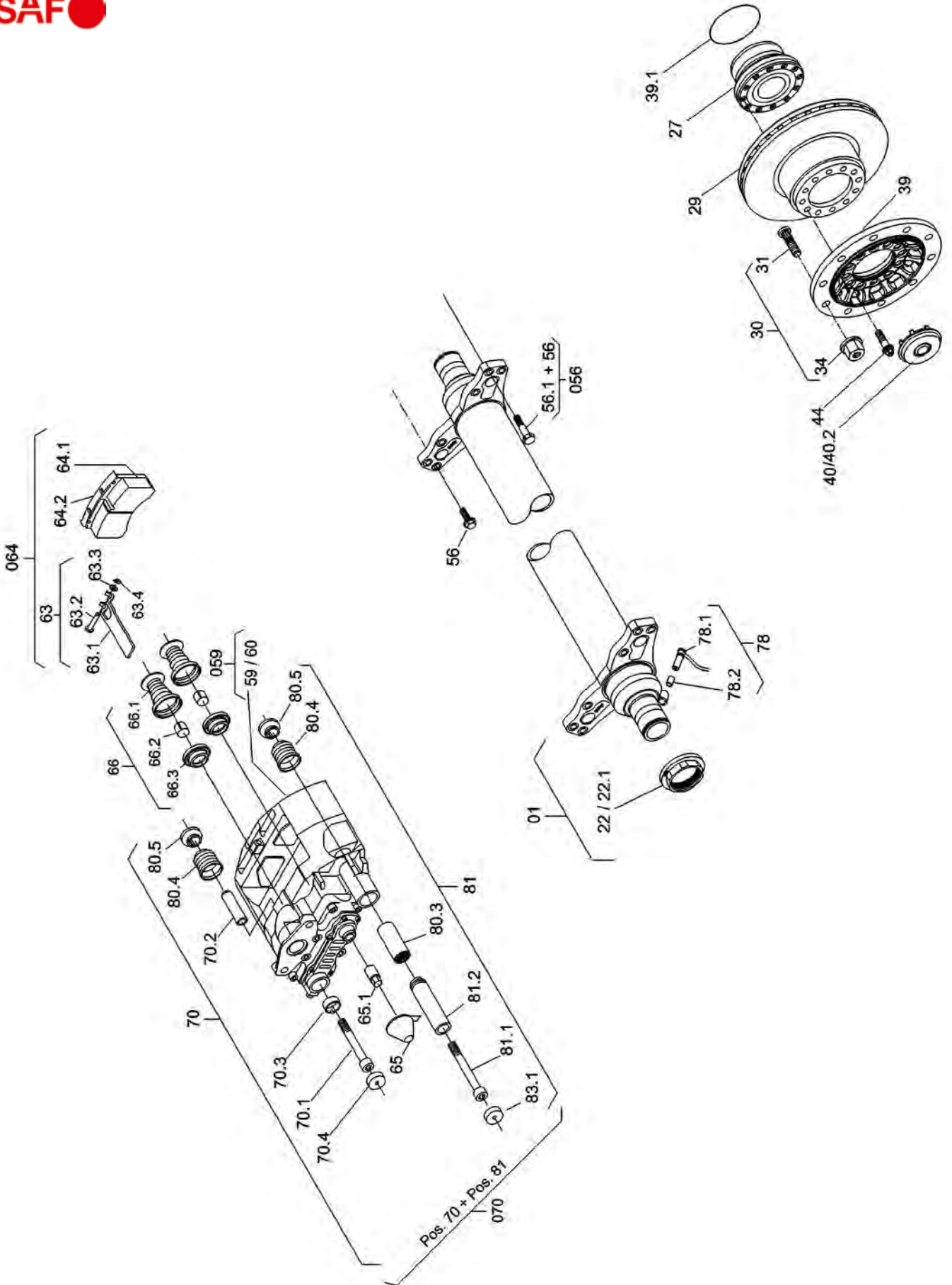
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Fig.	Description	Dimensions	Order no.
30	Wheel bolt set (with fig. 31, 34, bush 1 095 1040 00 not included)		5033 021 078
31	Wheel bolt	M22 x 1,5 x 83 mm	5013 031 074
34	Wheel nut	M22 x 1,5 x 27/Spanner size 32 mm	5042 473 012
38	Repair kit for wheel bearing grease change		5034 343 025
39.1	O-ring	∅ 92 mm x 4 mm	5043 150 075
40	Wheel-hub cap with O-ring SKRB Integral		5043 040 102
40.2	Wheel-hub cap For hub odometer SKRB Integral		5043 040 103
049	Repair kit cam bearing		5034 343 652
060	Repair kit for brake shoes	SNK 420 x 180	5034 343 653
64	Brake shoe with brake lining (Fig. 65, 71-73)		5030 550 120
65	Brake shoe without brake lining (fig. 66)		5030 540 120
66	Brake cam roller	∅ 36,2 x 53 mm	5012 650 019
070	Brake lining set (Fig. 71-73)	SNK 420 x 180 mm	5030 573 960
73	Rivet set	B8 x 15	5032 670 007
74	Spring clip	SNK 367/420	5011 510 008
75	Tension spring	∅ 32,8 x 232 mm	5014 470 058
77	ABS ring, Number of teeth 90		5040 291 070
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 400 mm	0210 329 212
78.1	Speed sensor for ABS, S plus	Cable length 400 mm	5040 291 002
78.2	Clamping sleeve, for ABS sensor		0687 598 154
083	Repair kit Brake camshaft		5033 170 016
84	O-ring	∅ 45 x 4 mm	5043 150 062
84.1	Spacer ring	52,5/46,7 x 4 mm	5010 940 039
85	Sealing ring	45/60 x 7 mm	5043 730 037
85.1	Cup spring	43/63 x 1,75 mm	5041 331 011
86	Spring clip	∅ 39 mm	5041 510 010
87	Washer	51/38,8 x 1,5 mm	5013 310 015
88	Washer	51/28,1 x 1,5 mm	5013 310 176
88.1	Spring clip	∅ 23 mm	5041 510 011
89	Slack adjuster, manual		5021 750 037
89.1	Slack adjuster, automatic		5041 750 314
89.2	Stop angle, left		5040 180 063
89.3	Stop angle, right		5040 180 064
90	Tension spring	∅ 25,8 x 2,8 x 148 mm	5014 470 037
091	Cover plate kit (fig. 92-94, 96-99)		5030 050 173
94	Sealing cap	∅ 31,75 x 9,52 mm	5043 372 008
95	Cable holder		5041 890 044
97	Clamping collar	∅ 149 x 20 mm	5041 942 023
98	Sealing cap		5043 372 027
99	Rubber bearing bush ABV	18 x 8 mm	5041 773 018



Service parts suitable for SKRB9022K

Fig.	Description	Dimensions	Order no.
22	Axle nut, right	M72 x 1,5/Spanner size 85 mm	5010 110 080
22.1	Axle nut, left	M72 x 1,5/Spanner size 85 mm	5010 110 081
27	Repair kit for hub unit (Fig. 39.1, 44)		5034 343 650
29	Brake disc	430 x 45 x 114 mm	5407 900 050
30	Wheel bolt set (Fig. 31, 34)	M22 x 1,5 x 68 mm	5013 031 118
30	Wheel bolt set (fig. 31, 34)	M22 x 1,5 x 78 mm	5033 021 157
31	Wheel bolt, aluminium	M22 x 1,5 x 76 mm	5013 031 120
34	Wheel nut	M22 x 1,5 x 27/Spanner size 32 mm	5042 473 012
39	Wheel flange SKRB9019/9022K		5011 462 001
39	Wheel flange Turbo SKRB9019, 9022K, 9022K07, only in combination with brake disc from (.01)	TK335/10L	5011 462 004
39.1	O-ring	∅ 92 mm x 4 mm	5043 150 075
40	Wheel-hub cap		5043 040 093
40.2	Wheel-hub cap for hub odometer		5033 040 098
44	TORX® bolt E24	M18 x 1,5 x 65 mm	5043 432 801
056	Attachment screw set Brake caliper		5034 343 656
56	Attachment screw with collar	M16 x 1,5 x 55 mm	5043 432 914
56.1	Close-tolerance bolt for disc brake	M16 x 1,5/D19 x 55 mm	5043 751 004
059	Brake caliper, right, SN7, Schmitz version		5030 800 010
059	Brake caliper, right, SN7		5030 800 030
60	Brake caliper, left, SN7, Schmitz version		5030 800 011
60	Brake caliper, left, SN7		5030 800 031
63	Fastening set Knorr-Bremse (fig. 63.1-63.4)		3400 001 290
064	Brake pad set (Fig. 63, 64.1, 64.2)		5030 570 077
65	Repair kit Adjuster cap SN6,7/SK7 (Fig. 65.1)		5034 343 816
66	Pressure pad set Knorr SN/SK (Fig. 66.1, 66.2, 66.3)		5034 343 814
070	Guide sealing set, SN 7 (Fig. 70, 81)		5034 343 812
070	Guide sealing set SK7 (Fig. 65, 70, 81)		5034 343 815
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 400 mm	0210 329 212
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 1000 mm	0210 329 222
78.1	Speed sensor for ABS, S plus	Cable length 400 mm	5040 291 002
78.1	Rod sensor (Intra-family) with plug	Cable length 1000 mm	5040 291 064
78.2	Clamping sleeve, for ABS sensor		0687 598 154



Service parts suitable for SKRB9022K01

Fig.	Description	Dimensions	Order no.
22	Axle nut, right	M72 x 1,5/Spanner size 85 mm	5010 110 080
22.1	Axle nut, left	M72 x 1,5/Spanner size 85 mm	5010 110 081
27	Repair kit for hub unit (Fig. 39.1, 44)		5034 343 650
29	Brake disc	430 x 45 x 114 mm	5407 900 050
30	Wheel bolt set (Fig. 31, 34)	M22 x 1,5 x 68 mm	5013 031 118
30	Wheel bolt set for aluminium wheels with middle centering	M22 x 1,5 x 78 mm	5033 021 157
31	Wheel bolt, aluminium	M22 x 1,5 x 76 mm	5013 031 120
34	Wheel nut	M22 x 1,5 x 27/Spanner size 32 mm	5042 473 012
39	Wheel flange Turbo SKRB9019, 9022K, 9022K07, only in combination with brake disc from (.01)	TK335/10L	5011 462 004
39.1	O-ring	∅ 92 mm x 4 mm	5043 150 075
40	Wheel-hub cap		5043 040 093
40.2	Wheel-hub cap for hub odometer		5033 040 098
44	TORX® bolt E24	M18 x 1,5 x 65 mm	5043 432 801
056	Attachment screw set Brake caliper		5034 343 656
56	Attachment screw with collar	M16 x 1,5 x 55 mm	5043 432 914
56.1	Close-tolerance bolt for disc brake	M16 x 1,5/D19 x 55 mm	5043 751 004
059	Brake caliper, right, SK7		5030 800 054
30	Brake caliper, left, SK7		5030 800 055
064	Brake pad set, Knorr SK7, WVA no. 29158	201,8 x 108 x 30,00 mm	5030 570 085
65	Repair kit Adjuster cap SN6,7/SK7 (Fig. 65.1)		5034 343 816
66	Pressure pad set Knorr SN/SK (Fig. 66.1, 66.2, 66.3)		5034 343 814
070	Guide sealing set SK7 (Fig. 65, 70, 81)		5034 343 815
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 400 mm	0210 329 212
78	Speed sensor set with grease and clamp sleeve (fig. 78.1, 78.2)	Cable length 1000 mm	0210 329 222
78.1	Speed sensor for ABS, S plus	Cable length 400 mm	5040 291 002
78.1	Rod sensor (Intra-family) with plug	Cable length 1000 mm	5040 291 064
78.2	Clamping sleeve, for ABS sensor		0687 598 154
83.1	Steel cap SK7 (fixed bearing)		5034 343 817



Wheel bolt

Thread M22 x 1,5
Length 93 mm

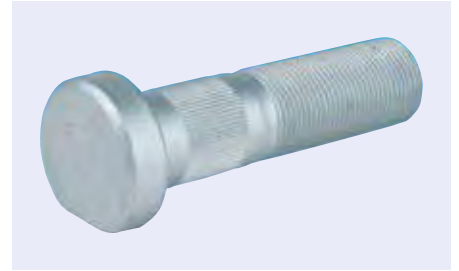
Order no.	Comparative no.
5013 031 075	SAF 1.303.1075.12



Wheel bolt

Thread M22 x 1,5
Class 10.9
Surface dacrotized

Length	Order no.	Comparative no.
68 mm	5044 132 267	SAF 3.302.1156.00
83 mm	5044 132 189	SAF 3.302.1078.00
93 mm	5024 142 185	SAF 1.303.1074.13

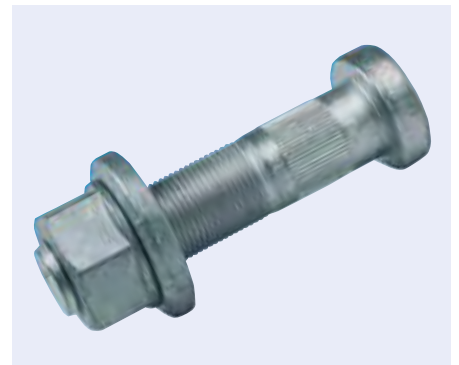


Wheel bolt set

Thread M22 x 1,5
Class 10.9
Surface dacrotized
Length 93 mm

Scope of supply
with wheel nut

Order no.	Comparative no.
5033 021 076	SAF 3.302.1076.00





Air spring

suitable for	Version	Bolt set	Fig.	Order no.	Comparative no.
SAF 1608	Double bellows, Stroke 165 mm	K023	1	5053 302 115	SAF 4.229.1004.00
SAF 1608	Double bellows, Stroke 200 mm	K023	2	5053 302 116	SAF 4.229.1005.01
SAF 2618	with plastic piston	K014	3	5043 303 718	SAF 3.229.0007.02
SAF 2618 V	with plastic piston	K014	4	5043 303 230	SAF 3.229.0029.00
SAF 2918 V	with steel piston	K001	5	5043 301 138	SAF 3.229.0027.00
SAF 2619 V	with plastic piston	K013	6	5043 301 144	SAF 3.229.0033.00
SAF 2919 V	with plastic piston	K014	7	5043 301 153	SAF 3.229.0042.00
SAF 2621 V	with plastic piston	K013	8	5043 301 149	SAF 3.229.0038.00
SAF 2626 V	with plastic piston	K013	9	5043 301 140	SAF 3.229.0039.00
SAF 2923 E2	with steel piston	K002	10	5043 391 114	SAF 2.229.0003.00
SAF 2923 VK	with plastic piston	K014	11	5043 301 139	SAF 3.229.0028.00
SAF 2923 VK	with steel piston	K001	12	5043 301 142	SAF 3.229.0031.00
SAF 2924 V	with plastic piston	K014	13	5043 301 152	SAF 3.229.0041.00
SAF 2926 V	with steal piston	K001	14	5043 301 141	SAF 3.229.0030.00

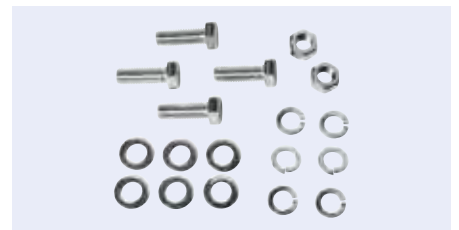


Air spring

suitable for	Version	Bolt set	Fig.	Order no.	Comparative no.
SAF 2621 V	with plastic piston	K013	1	5032 290 038	SAF 3.229.0038.00
SAF 2626 V	with plastic piston	K013	2	5032 290 039	SAF 3.229.0039.00
SAF 2919 V	with plastic piston	K014	3	5032 290 042	SAF 3.229.0042.00
SAF 2923	with steel piston	K002		5022 292 103	SAF 2.229.0003.00
SAF 2923 VK	with plastic piston	K014	4	5032 290 028	SAF 3.229.0028.00
SAF 2924 V	with plastic piston	K014	5	5032 290 041	SAF 3.229.0041.00
SAF 3138	with plastic piston		6	5032 280 022	SAF 3.228.0048.00
SAF 3138	with plastic piston		7	5032 280 023	SAF 3.228.0049.00

Screw set

suitable for	Version	Order no.
SAF	Phoenix K001	1722 052 726



Screw set

suitable for	Version	Order no.
SAF	Phoenix K013	1722 052 738



Screw set

Version	Order no.
Phoenix K014	1722 052 739



Bearing bush

This figure corresponds to 5052 884 139

Width	Inner \varnothing	Outer \varnothing	Order no.	Comparative no.
104 mm	30 mm	68 mm	5052 884 121	SAF 4.177.3010.00
115 mm	31,5 mm	155 mm	5052 884 139	SAF 4.177.3028.00



Bearing bush

Material rubber
 Width 171 mm
 Inner \varnothing 31,5 mm
 Outer \varnothing 151 mm

Application range
 air spring assembly

Order no.	Comparative no.
5041 773 026	SAF 4.177.3026.00

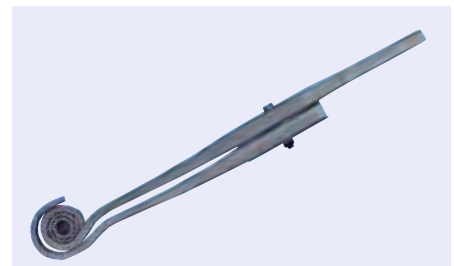


Pitman spring

Width 100 mm
 Bushing front 30/68 mm

This figure corresponds to 1088 615 000

Number of leaves	Crank	Length at rear	Length at front	Order no.	Comparative no.
1	14 mm	372 mm	520 mm	1088 615 600	SAF 3.155.1028.00
1	14 mm	375 mm	520 mm	1088 617 200	SAF 3.155.1028.02
2		365 mm	520 mm	1088 617 000	SAF 3.155.1025.02
2		365 mm	520 mm	1088 615 000	SAF 3.155.1025.01

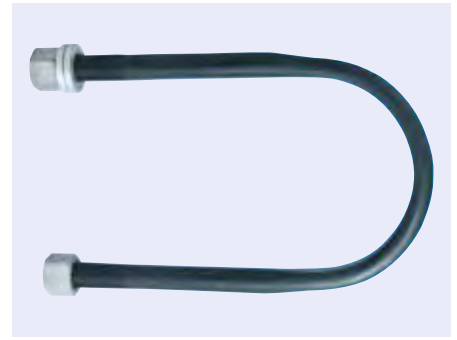




Spring clamp kit

This figure corresponds to 5034 010 064

Clearance	Length	Order no.	Comparative no.
127 mm	304 mm	5034 010 072	SAF 3.401.0072.00
146 mm	285,5 mm	5034 010 064	SAF 3.401.0064.00



Spring hoop

Thread	Width	Length	Order no.	Comparative no.
M24	125 mm	310 mm	5022 471 418	SAF 1.136.0307.00
M24 x 2	160 mm	307 mm	5025 131 131	SAF 1.402.0020.00



Brake pad set

Version ProTecS®, prepared for wear indicator
Quality Jurid 539-39

Scope of supply
with accessories



This figure corresponds to 3406 660 850

suitable for	Brake system	WVA no.	Order no.	Comparative no.
SKRB 9022 K, SKRS 9022/11222 K, SKRZ 9022/11222 K	SK7...	29158	3406 660 850	Knorr K066608K50
SKRB 9019 K, SKRS 9019/11019 K, SKRZ 9019/11019 K	SB/SN6	29095	3410 078 206	Knorr K078206K50



Slack adjuster automatic, S-ABA

Form left offset, 0 mm
Angle of tilt +20°
Toothed hub profile SAE 1 1/2" 10
Hole size 250/180/155/140/125/105 mm
Number of holes 6

Order no.	Comparative no.
3970 080 022	Haldex 80022S





Wheel hub

This figure corresponds to 5033 071 166

Order no.	Comparative no.
5023 072 025	SAF 2.307.2025.00
5033 071 166	SAF 3.307.1166.01
5033 073 003	SAF 3.307.3006.01
5033 073 007	SAF 3.307.3007.00
5033 073 010	SAF 3.307.3010.00
5033 073 012	SAF 3.307.3012.01
5033 073 025	SAF 3.307.3025.02
5033 070 303	SAF 3.307.3030.02
5033 073 044	SAF 3.307.3044.01
5033 073 046	SAF 3.307.3046.01
5033 073 050	SAF 3.307.3050.01
5033 073 051	SAF 3.307.3051.01
5033 073 056	SAF 3.307.3056.02



Repair kit Wheel hub unit

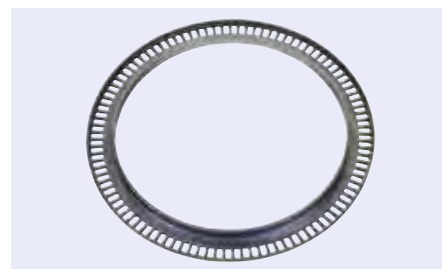
This figure corresponds to 5034 343 012

Order no.	Comparative no.
5034 343 012	SAF 3.434.3012.00
5034 343 018	SAF 3.434.3018.00
5034 343 016	SAF 3.434.3016.00



ABS ring

Inner \varnothing 156 mm

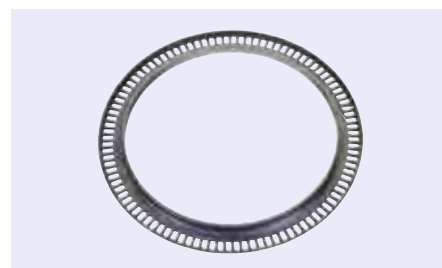


Number of teeth	Thickness	Outer \varnothing	Order no.	Comparative no.
80	12,5 mm	178 mm	5040 291 021	SAF 4.029.1061.00
100	11,5 mm	195 mm	5040 291 001	SAF 4.029.1001.01

ABS ring

Outer \varnothing 156 mm
 Inner \varnothing 116,5 mm
 Thickness 18,5 mm
 Number of teeth 90

Order no.	Comparative no.
3309 106 300	SAF 4.029.1063.00



Axle nut

Spanner size 85 mm

Thread	Installation side	Order no.	Comparative no.
M56 x 2	right	5031 221 151	SAF 2.011.0040.01
M72 x 1,5	left	5021 221 192	SAF 1.011.0087.00
M72 x 1,5	right	5021 221 191	SAF 1.011.0088.00



Axle nut



Thread	Spanner size	Installation side	Order no.	Comparative no.
M56 x 2	85 mm	right	5020 110 040	SAF 1.011.0040.02
M56 x 2	85 mm	right	5030 110 040	SAF 3.011.0040.01
M56 x 2	85 mm	right	5010 110 039	SAF 4.011.0039.01
M120 x 2	140 mm	right	5010 110 059	SAF 1.011.0059.00
M120 x 2	140 mm	right	5010 110 070	SAF 1.011.0070.01
M120 x 2	140 mm	left	5010 110 071	SAF 1.011.0071.01



Axle nut

Thread M100 x 2
Spanner size 140 mm

Installation side	Order no.	Comparative no.
left	5010 110 077	SAF 1.011.0077.00
right	5010 110 076	SAF 1.011.0076.00





Shock absorber

Version oil pressure, twin-tube system
Fastening Eye/eye

(Illustration similar)

Length	Order no.	Comparative no.
280-413 mm	9200 007 001	SAF 2.376.0070.01
315-475 mm	5034 871 120	SAF 2.376.0010.00
315-475 mm	5034 871 122	SAF 2.376.0010.02
315-489 mm	5123 760 071	SAF 2.376.0071.01
320-474 mm	5123 760 030	SAF 2.376.0030.00
337-512 mm	5134 871 111	SAF 2.376.0009.00
340-535 mm	9200 007 201	SAF 2.376.0072.01
383-620 mm	9200 000 003	SAF 2.376.0003.02
432-717 mm	5134 871 127	SAF 2.376.0016.00
433-681 mm	9203 764 032	SAF 2.376.4032.00



1

Axle and running gear



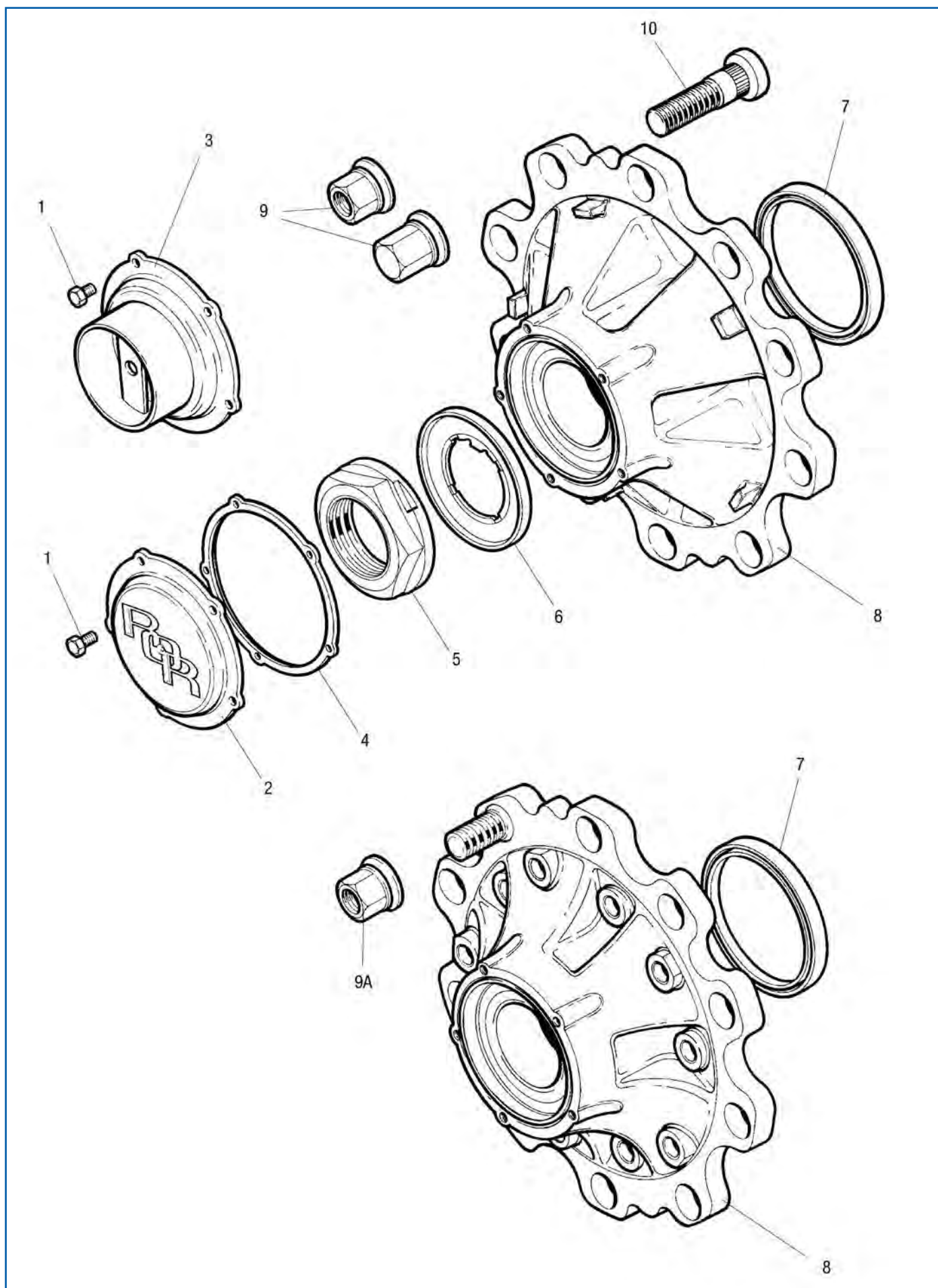
Shock absorber

Version oil pressure, twin-tube system
Fastening eye/eye

(Illustration similar)

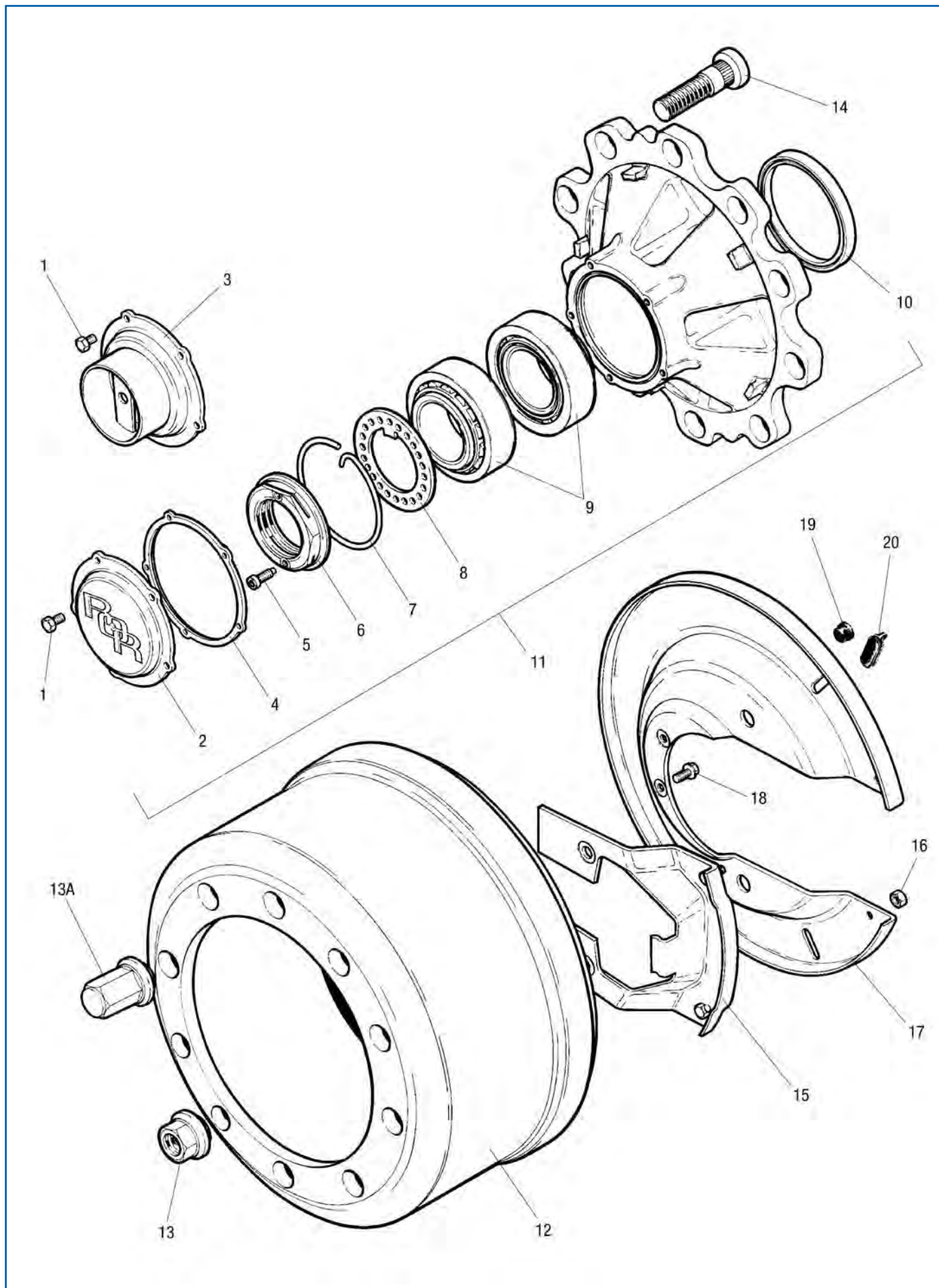
Length	Order no.	Comparative no.
280-410 mm	5023 760 070	SAF 2.376.0070.02
314-474 mm	5123 760 010	SAF 2.376.0010.02
315-475 mm	5023 760 010	SAF 2.376.0010.00
318-438 mm	5023 760 071	SAF 2.376.0071.02
340-530 mm	5023 760 072	SAF 2.376.0072.02
415-655 mm	5023 761 013	SAF 2.376.1013.00
415-655 mm	5023 761 005	SAF 2.376.1005.00
426-696 mm	5023 764 032	SAF 2.376.4032.00





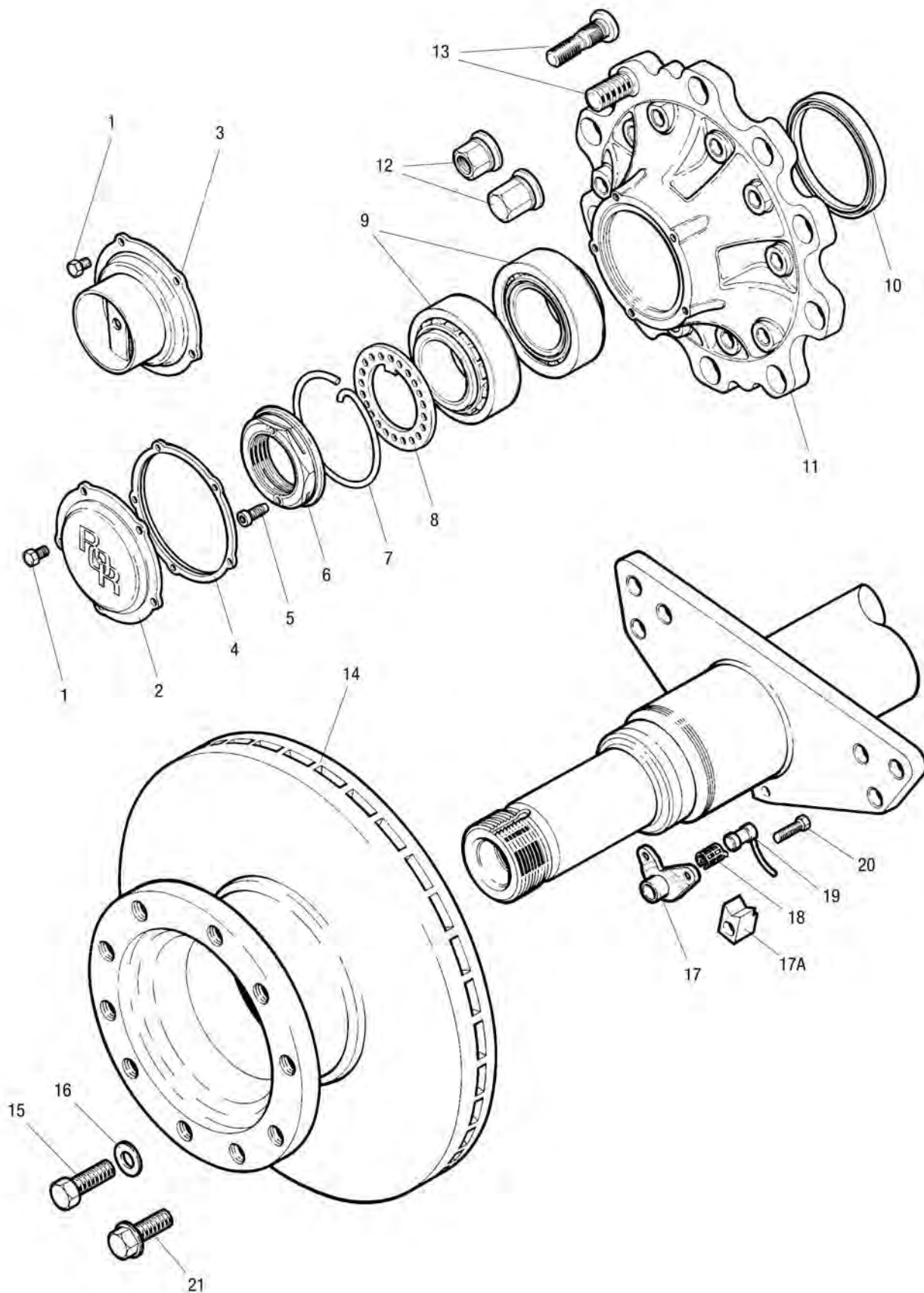
Service parts suitable for LC hub

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap		7300 000 335
3	Wheel-hub cap for hub odometer		7600 000 336
4	Flat seal for wheel hub cover		7600 000 337
5	Axle nut, axle end		7621 225 405
6	Caulk washer assembly		7621 225 514
7	Oil seal for wheel hub		7600 000 474
8	Wheel hub for drum brake		7614 225 290
8A	Wheel hub for disc brake		7614 225 494
9	Wheel nut for drum brake, standard open	M22 x 1,5/Spanner size 32 mm	7670 000 120
9	Wheel nut for drum brake, end closed	M22 x 1,5/Spanner size 32 mm	7621 226 484
9A	Wheel nut set for drum and disc brake	M22 x 1,5/Spanner size 32 mm	7621 226 396
10	Wheel bolt for aluminium wheel	M22 x 1,5 x 80 mm	7600 000 956
10	Wheel bolt set for steel and aluminium wheel		7621 226 340



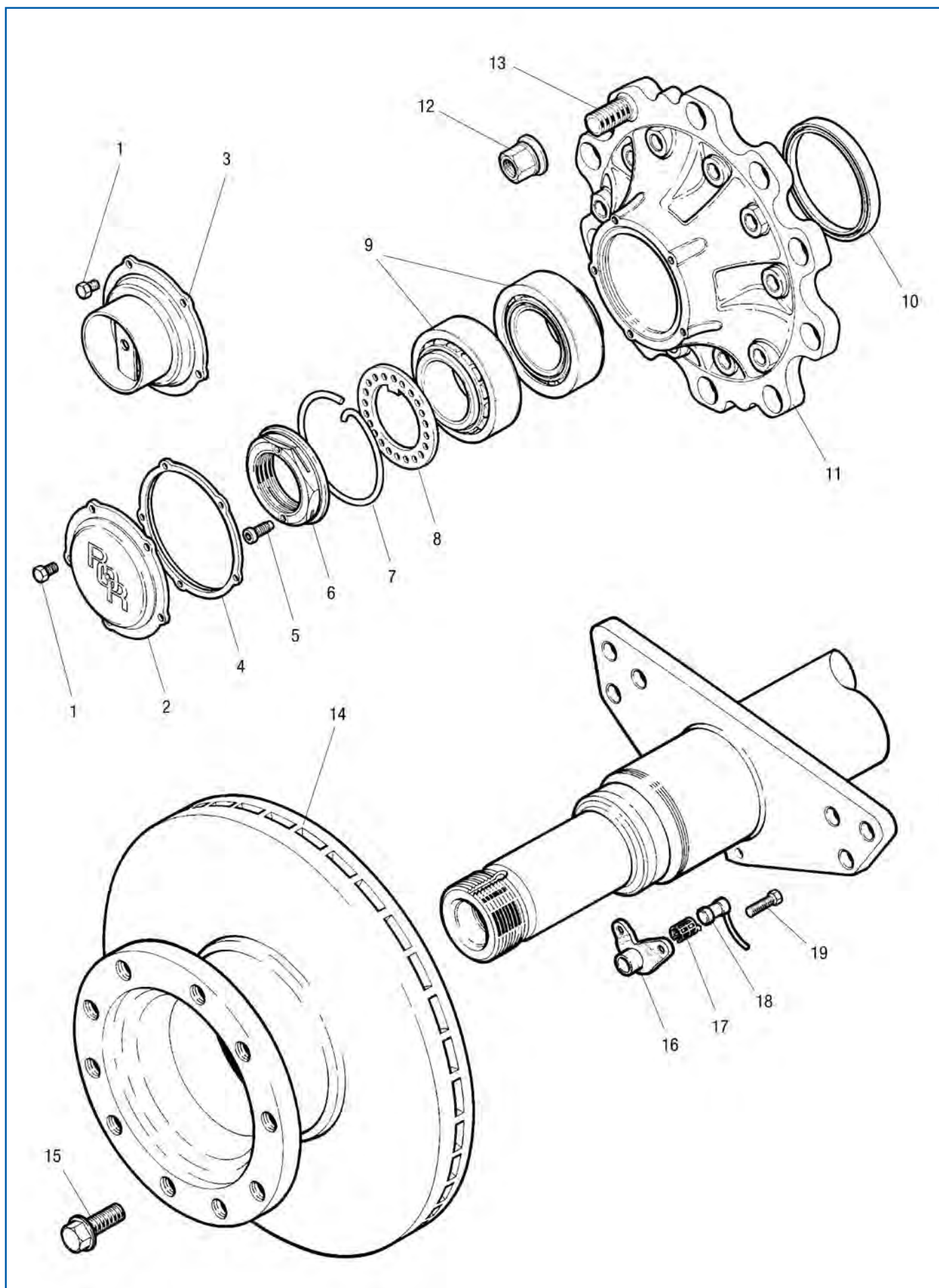
Service parts suitable for LM hub

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap		7300 000 335
3	Wheel-hub cap for hub odometer		7600 000 336
4	Flat seal for wheel hub cover		7600 000 337
5	Safety screw for axle nut	M8 x 1,25 x 20 mm	7600 000 338
6	Axle nut	M82 x 2	7600 000 339
7	Circlip		7600 000 340
8	Hole disc for axle nut locking device		7600 000 341
9	Wheel bearing		7600 015 218
10	Oil seal for wheel hub		7600 000 474
11	Wheel hub		7600 001 236
12	Brake drum	419 x 238 x 10 x 24/2 x M12/2 x 14/90°/Brake path 192 mm	7600 000 600
13	Wheel nut set for drum and disc brake	M22 x 1,5/Spanner size 32 mm	7621 226 396
14	Wheel bolt for aluminium wheel	M22 x 1,5 x 80 mm	7600 000 956
14	Wheel bolt for aluminium wheel	M22 x 1,5 x 95 mm	7600 000 963
14	Wheel bolt steel/aluminium, coated		7600 001 142
15	Dust plate, small, 08/1997-		7600 001 145
15	Dust plate, small, 04/2001-		7615 225 842
16	Hexagon nut	M8	7600 000 343
17	Dust plate, large		7600 001 150
18	Bolt for cover plate		7609 546 002
19	Plug for cover plate		7600 000 025
20	Stopper for inspection hole		7600 000 958



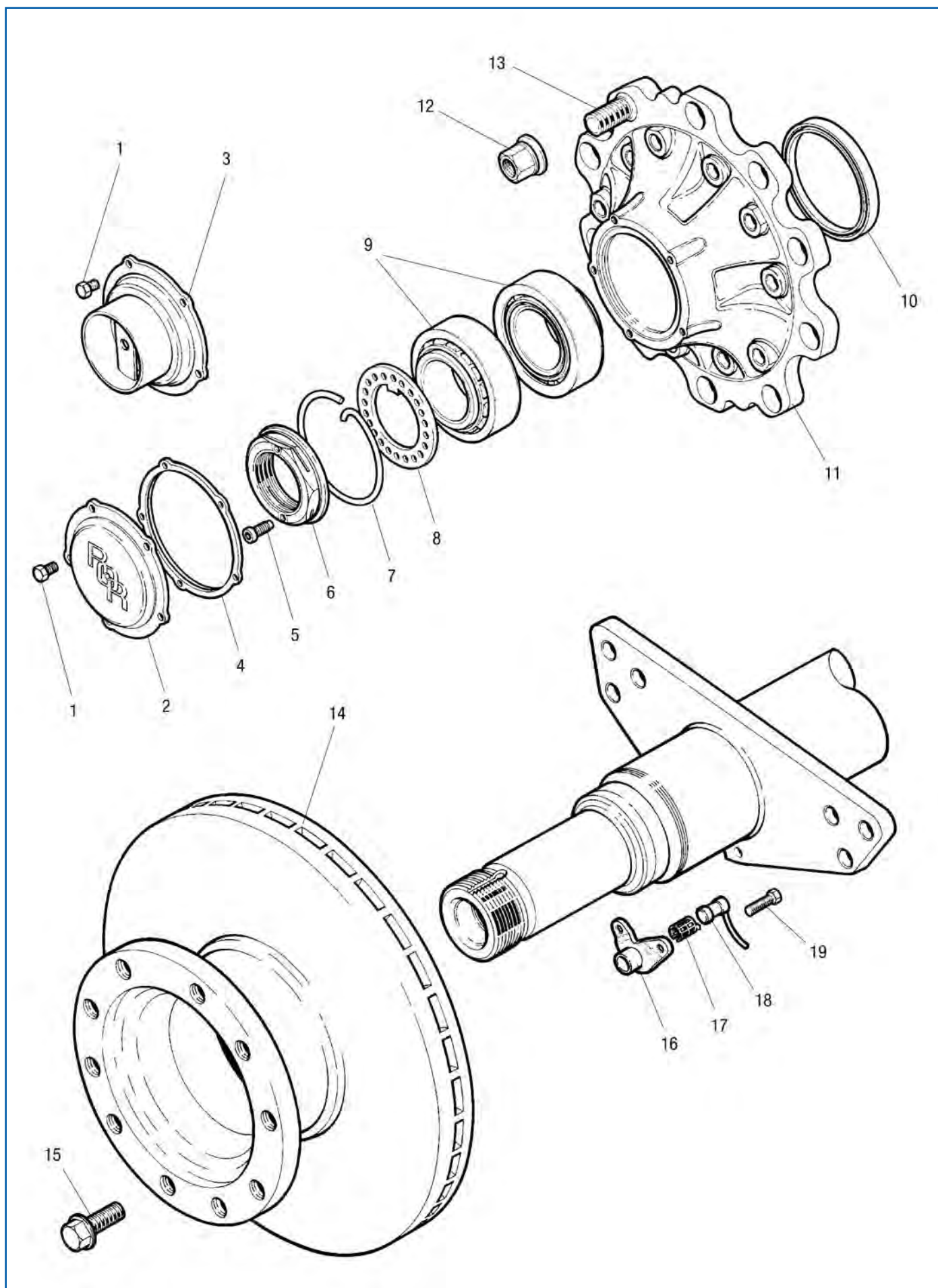
Service parts suitable for LM DX195 hub

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap		7300 000 335
3	Wheel-hub cap for hub odometer		7600 000 336
4	Flat seal for wheel hub cover		7600 000 337
5	Safety screw for axle nut	M8 x 1,25 x 20 mm	7600 000 338
6	Axle nut	M82 x 2	7600 000 339
7	Circlip		7600 000 340
8	Hole disc for axle nut locking device		7600 000 341
9	Wheel bearing		7600 015 218
10	Oil seal for wheel hub		7600 000 474
11	Wheel-hub cap		7600 000 470
12	Wheel nut	M22 x 1,5/Spanner size 32 mm	7670 000 120
12	Wheel nut set	M22 x 1,5/Spanner size 32 mm	7621 226 396
12	Wheel nut, end closed	M22 x 1,5/Spanner size 32 mm	7621 226 484
13	Wheel bolt set for steel and aluminium wheel		7621 226 340
13	Wheel bolt for aluminium wheel	M22 x 1,5 x 80 mm	7600 000 956
14	Brake disc, internally ventilated	378 x 45 x 150 mm	2076 378 001
15	Attachment screw	M16 x 65	7621 225 100
16	Washer for securing wheel hub		7621 224 978
17	Sensor bracket, 06/2000-		7621 226 429
17A	Sensor bracket, rectangular		7600 001 058
18	Clamping sleeve for ABS rotational speed sensor	Length 32 mm	7600 000 877
19	Speed sensor for ABS		7600 000 615
20	Attachment screw for sensor bracket		7600 001 210



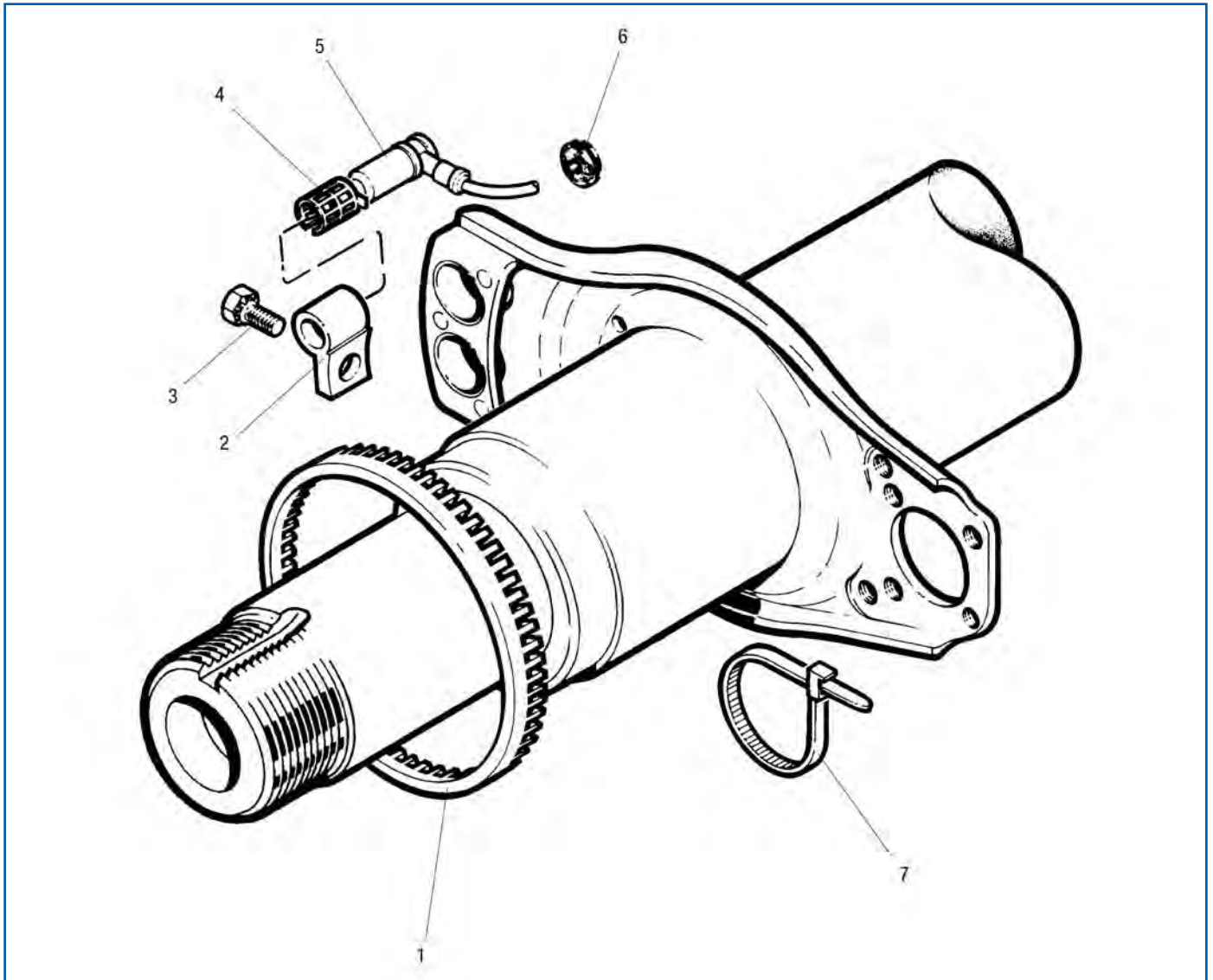
Service parts suitable for LM ELSA2 hub

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap		7300 000 335
3	Wheel-hub cap for hub odometer		7600 000 336
4	Flat seal for wheel hub cover		7600 000 337
5	Safety screw for axle nut	M8 x 1,25 x 20 mm	7600 000 338
6	Axle nut	M82 x 2	7600 000 339
7	Circlip		7600 000 340
8	Hole disc for axle nut locking device		7600 000 341
9	Wheel bearing		7600 015 218
10	Oil seal for wheel hub		7600 000 474
11	Wheel-hub cap		7600 000 470
12	Wheel nut set	M22 x 1,5/Spanner size 32 mm	7621 226 396
13	Wheel bolt set for steel and aluminium wheel		7621 226 340
13	Wheel bolt for aluminium wheel	M22 x 1,5 x 80 mm	7600 000 956
14	Brake disc, Internally ventilated	434 x 45 x 150 mm	7668 323 825
15	Attachment screw	M16 x 65	7621 225 100
16	Sensor bracket		7600 001 160
17	Clamping sleeve for ABS rotational speed sensor	Length 32 mm	7600 000 877
18	Speed sensor for ABS		7600 000 615
19	Attachment screw for sensor bracket		7600 001 210



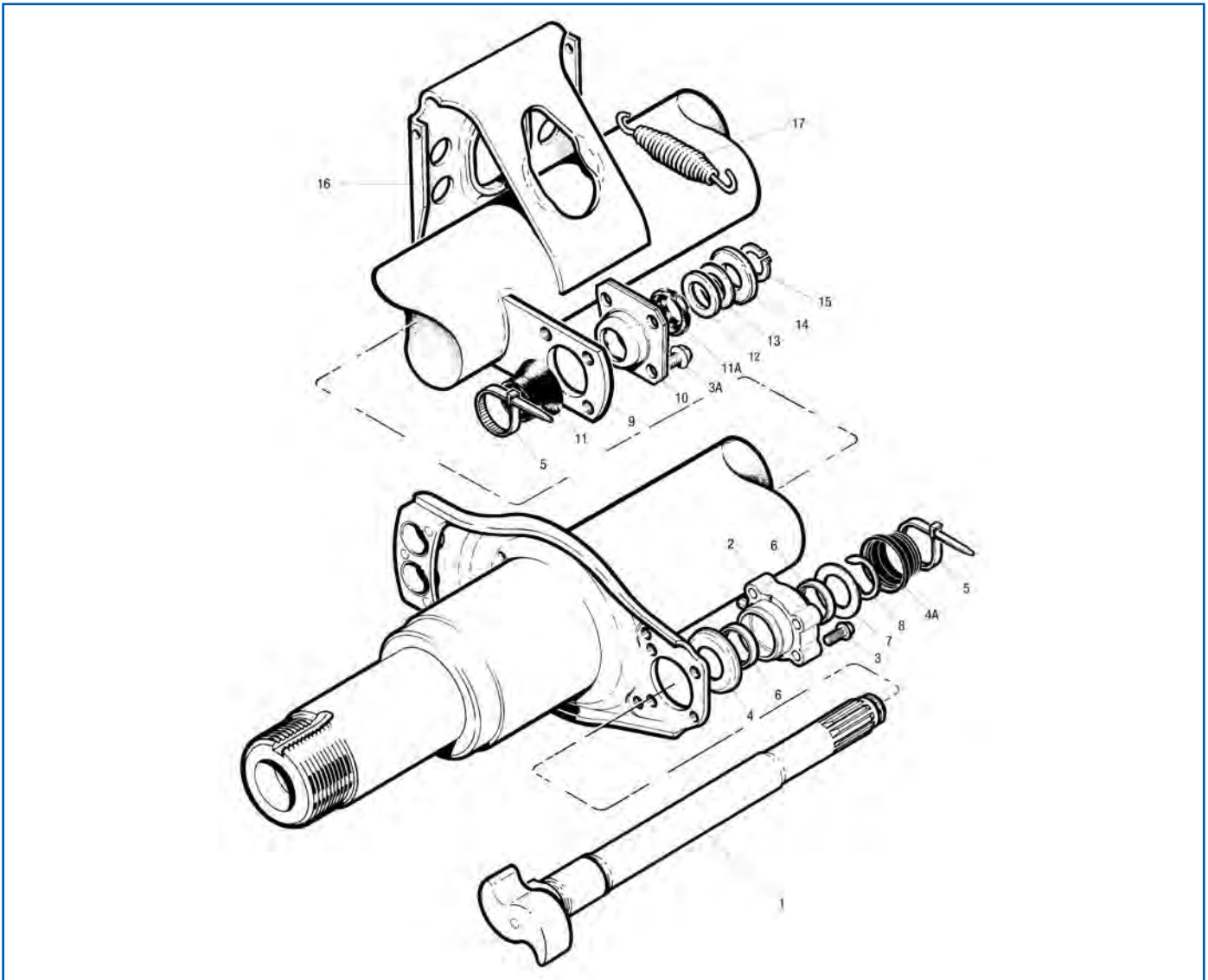
Service parts suitable for LM ELSA195 hub

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap		7300 000 335
3	Wheel-hub cap for hub odometer		7600 000 336
4	Flat seal for wheel hub cover		7600 000 337
5	Safety screw for axle nut	M8 x 1,25 x 20 mm	7600 000 338
6	Axle nut	M82 x 2	7600 000 339
7	Circlip		7600 000 340
8	Hole disc for axle nut locking device		7600 000 341
9	Wheel bearing		7600 015 218
10	Oil seal for wheel hub		7600 000 474
11	Wheel-hub cap		7600 000 470
12	Wheel nut set	M22 x 1,5/Spanner size 32 mm	7621 226 396
13	Wheel bolt set for steel and aluminium wheel		7621 226 340
13	Wheel bolt for aluminium wheel	M22 x 1,5 x 80 mm	7600 000 956
14	Brake disc, internally ventilated	378 x 45 x 150 mm	2076 378 001
15	Screw set for securing brake caliper (12 piece)	M18 x 50	7602 122 743
16	Sensor bracket		7600 001 161
17	Clamping sleeve for ABS rotational speed sensor	Length 32 mm	7600 000 877
18	Speed sensor for ABS		7600 000 615
19	Attachment screw for sensor bracket		7600 001 210



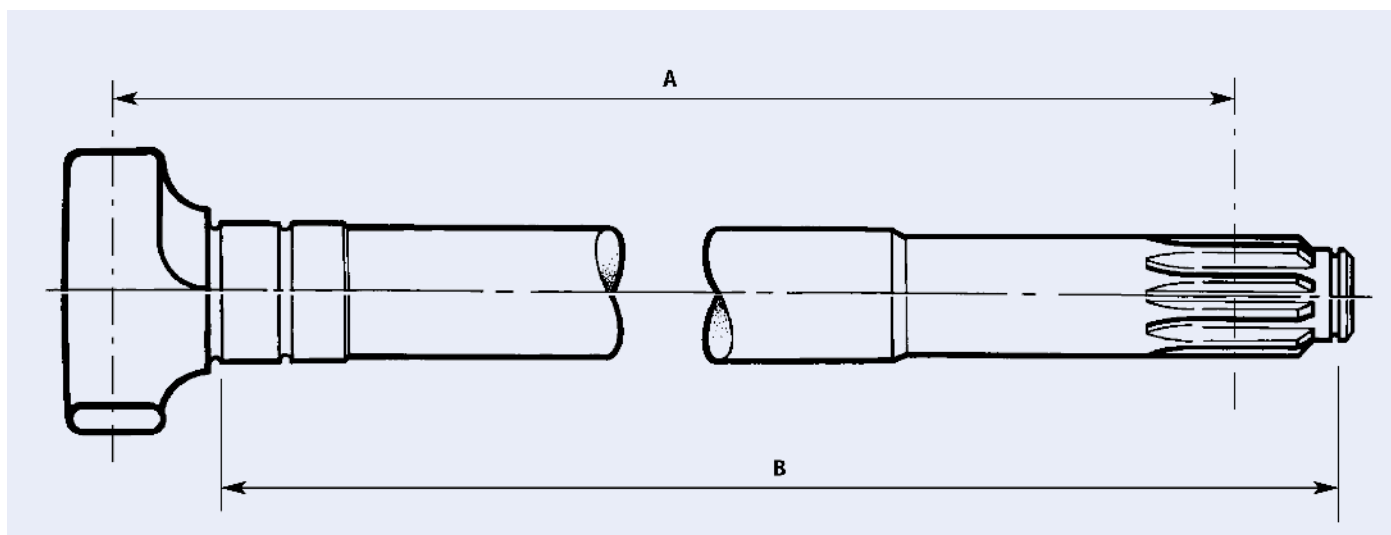
Service parts suitable for LM/LC ABS

Fig.	Description	Dimensions	Order no.
1	ABS ring, Number of teeth 100		7600 001 049
2	Sensor bracket		7600 001 050
3	Attachment screw for sensor bracket		7600 001 209
4	Clamping sleeve for ABS rotational speed sensor	Length 32 mm	7600 000 877
5	Speed sensor for ABS		7600 000 615
6	Dust protection cap		7600 000 616
7	Cable connector		7600 000 969
	Brake grease for sensor socket		7699 226 786



Service parts suitable for LM/LC brake shaft/-bearing from 01.04.2001

Fig.	Description	Dimensions	Order no.
3	Bolt, cam side		7609 546 002
5	Cable connector		7600 000 969
9	Brake camshaft holder		7600 000 752
10	Bearing bush		7600 000 402
11	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
11A	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
12	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
13	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
14	Safety plate		7600 000 953
15	Circlip	30 x 1,5 mm	7600 001 005
17	Brake cylinder console		7600 000 965
17	Reset spring	26 x 148 x 2,8 mm	6164 083 714



Brake camshaft

A	B	Order no. right	Order no. left
412,2 mm	416,7 mm	7600 001 148	7600 001 149
521 mm	525,5 mm	7621 227 084	7621 227 085
583 mm	587,5 mm	7621 227 080	7621 227 081
605,5 mm	610 mm	7600 001 146	7600 001 147
622,5 mm	627 mm	7600 001 144	7603 233 818
188,5 mm	193 mm	0761 225 020	7601 225 021



Urgent questions? Direct assistance.

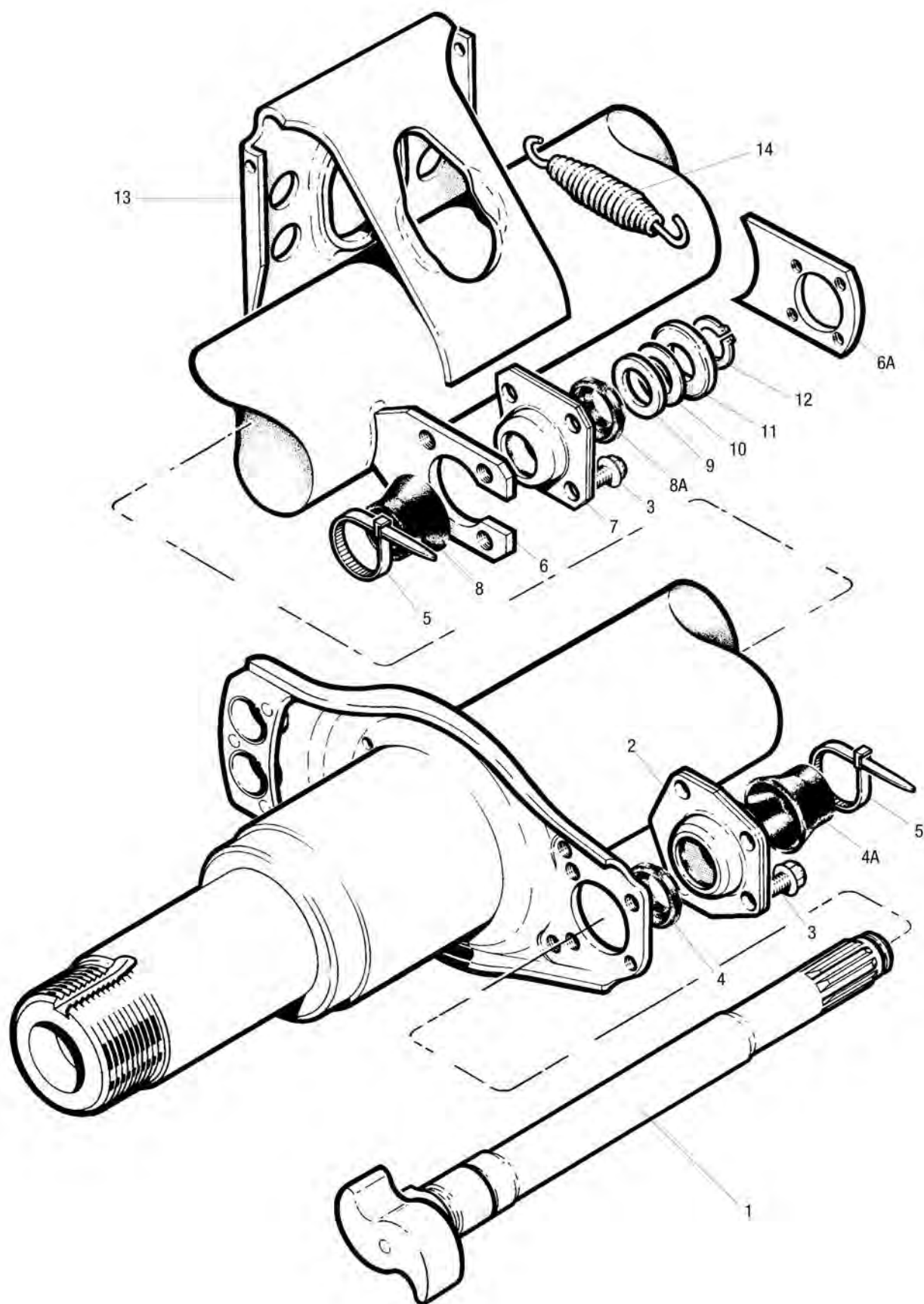
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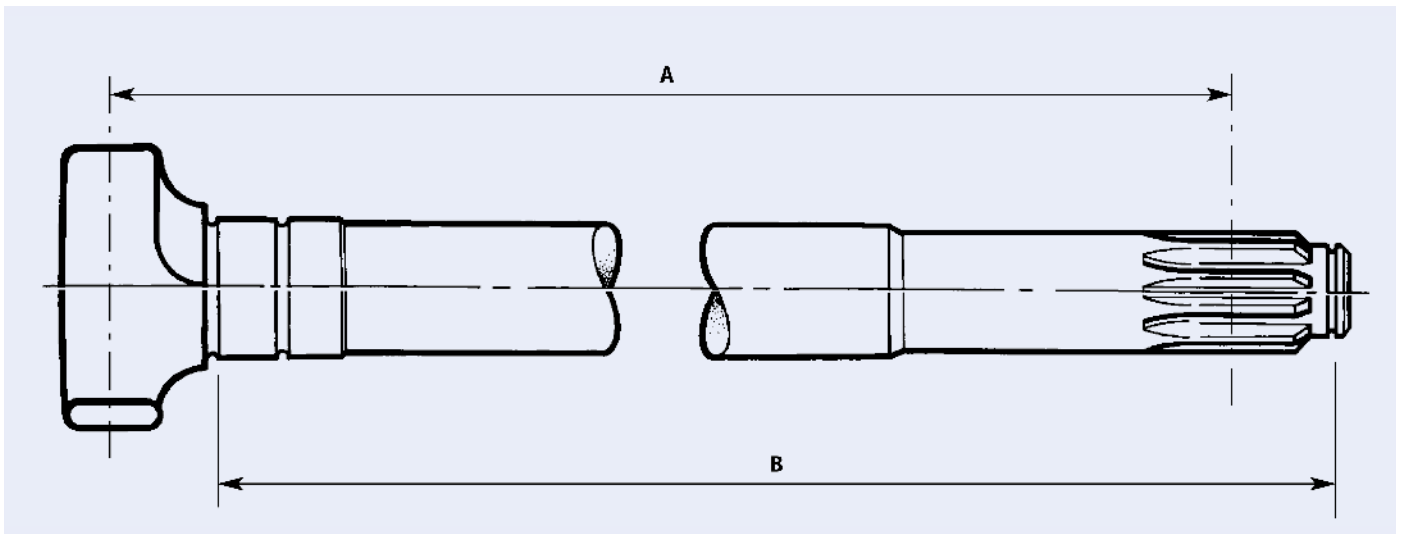
fault diagnosis service.

We will also be happy to provide you with **free** remote **maintenance** using a secure remote connection. Whether your components are made by Haldex, Knorr or WABCO – contact us directly to **make use of our expertise.**



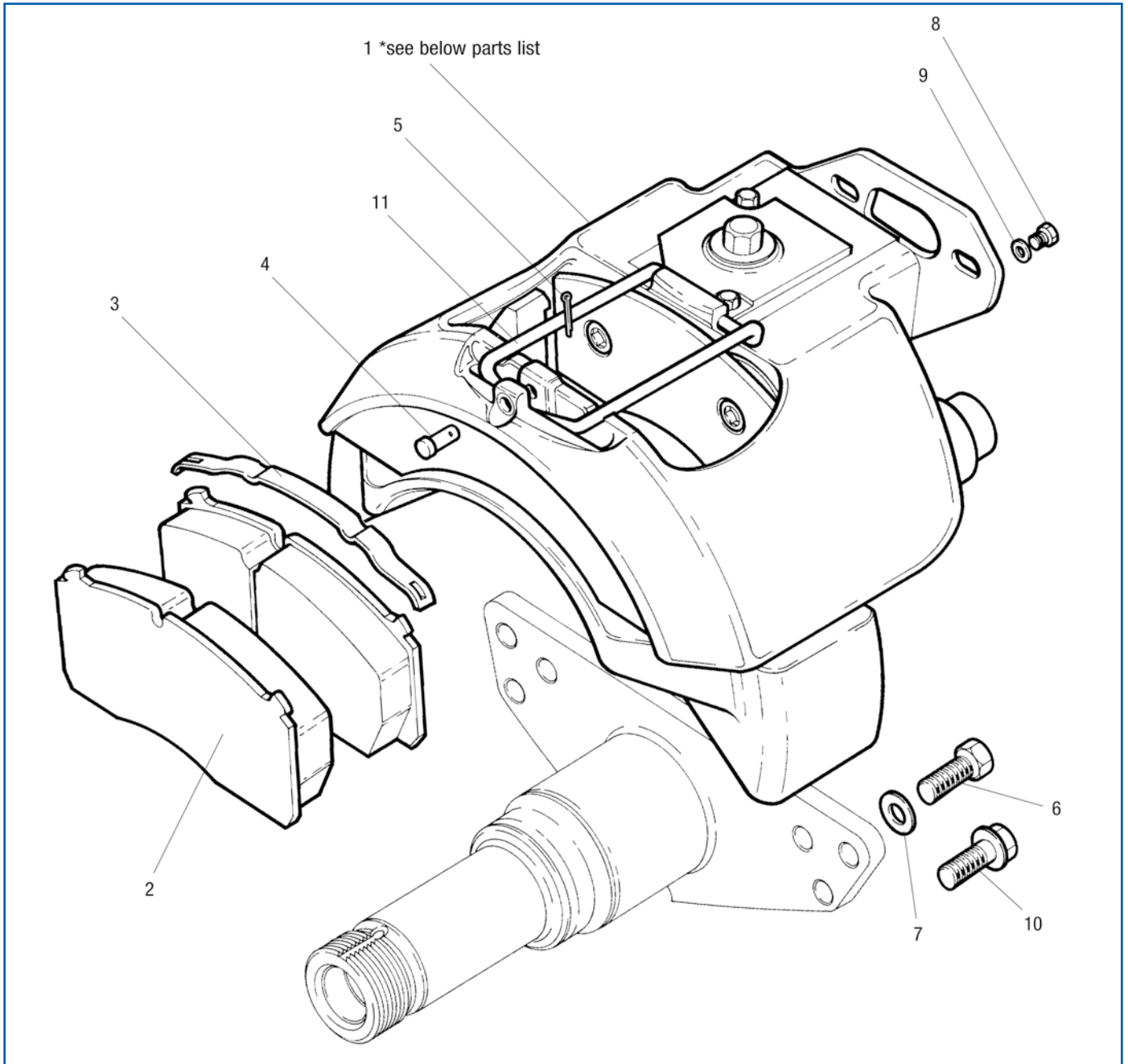
Service parts suitable for LM/LC brake shaft/-bearing to 31/03/2001

Fig.	Description	Dimensions	Order no.
2	Bearing shell for brake camshaft bearing	420 x 180/220 mm	7600 000 675
3	Bolt, cam side		7609 546 002
4	Dust protection cap, inner, cam side		7600 003 006
4A	Dust protection cap, outer, cam side		7600 003 007
5	Cable connector		7600 000 969
6	Brake camshaft holder		7600 000 752
7	Bearing bush		7600 000 402
8	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
8A	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
9	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
10	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
11	Safety plate		7600 000 953
12	Circlip	30 x 1,5 mm	7600 001 005
13	Brake cylinder console		7600 000 965
14	Reset spring	26 x 148 x 2,8 mm	6164 083 714



Brake camshaft

A	B	Order no. left	Order no. right
229,9 mm	232,4 mm	7600 001 138	7600 001 139
253,5 mm	258 mm	7600 001 136	7600 001 137
412,2 mm	416,7 mm	7600 001 132	7600 001 133
475,7 mm	480,2 mm	7600 001 130	7600 001 131
521 mm	525,5 mm	7600 000 353	7600 000 352
544,5 mm	549 mm	7621 224 853	7621 224 854
583 mm	587,5 mm	7600 000 351	7600 000 350
605,5 mm	610 mm	7600 001 128	7600 001 129
622,5 mm	627 mm	7600 001 126	7600 001 127
632,5 mm	637 mm	7600 001 124	7600 001 125
658,8 mm	663,3 mm	7600 001 140	7600 001 141



Service parts
suitable for LM/LC DX195 brake caliper

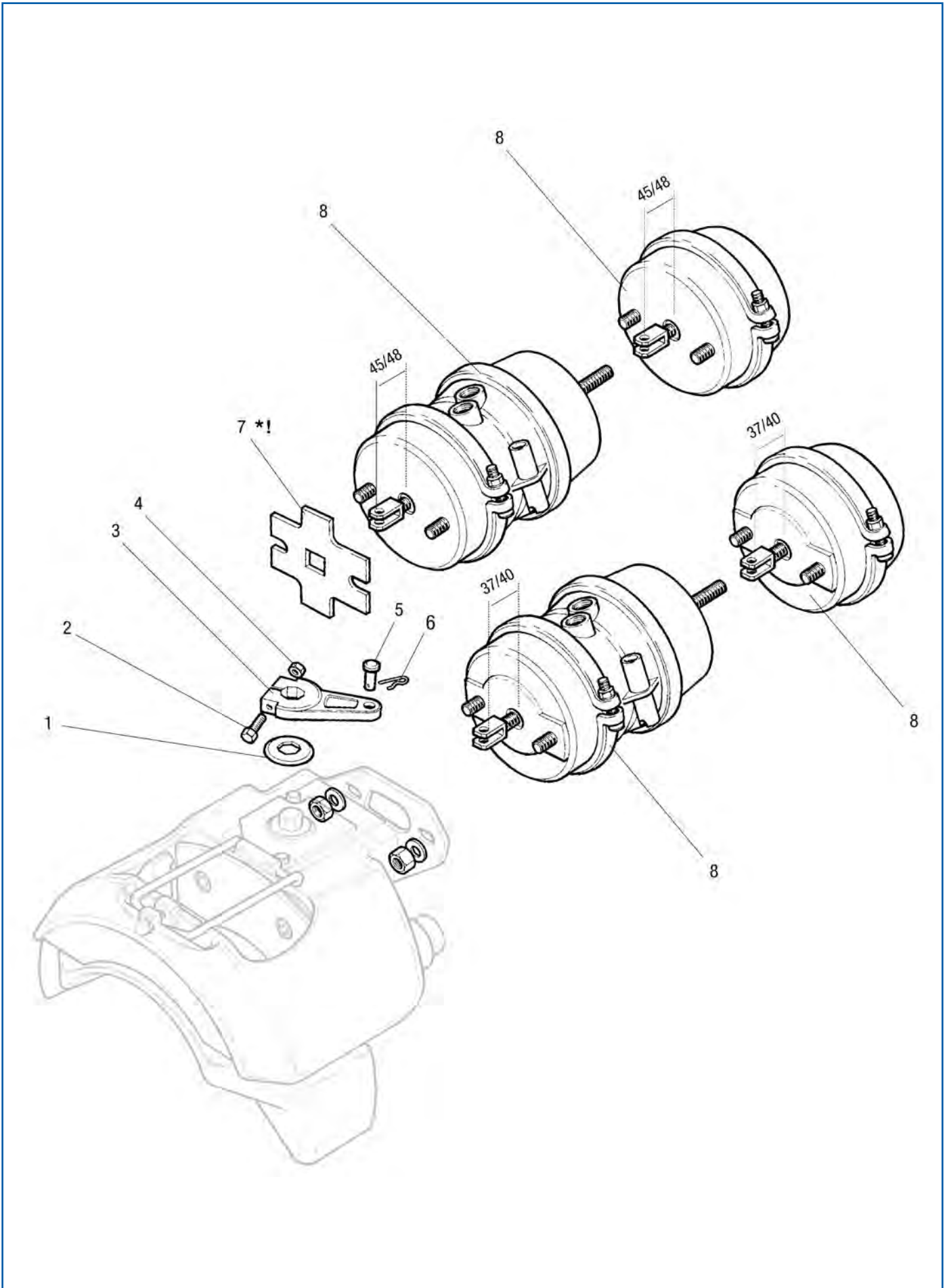
Fig.	Description	Dimensions	Order no.
1a	Brake caliper, left		7600 000 064
1b	Brake caliper, right		7600 000 065
2	Brake lining set		7600 000 050
7	Washer for securing wheel hub		7621 224 978
10	Screw set	M16 x 45, 12 piece	7621 227 146
11	Brake pad retaining clamp		1509 015 578

EUROPART PREMIUM PARTS

**TRUCK RACE
Approved**

EUROPART PREMIUM PARTS

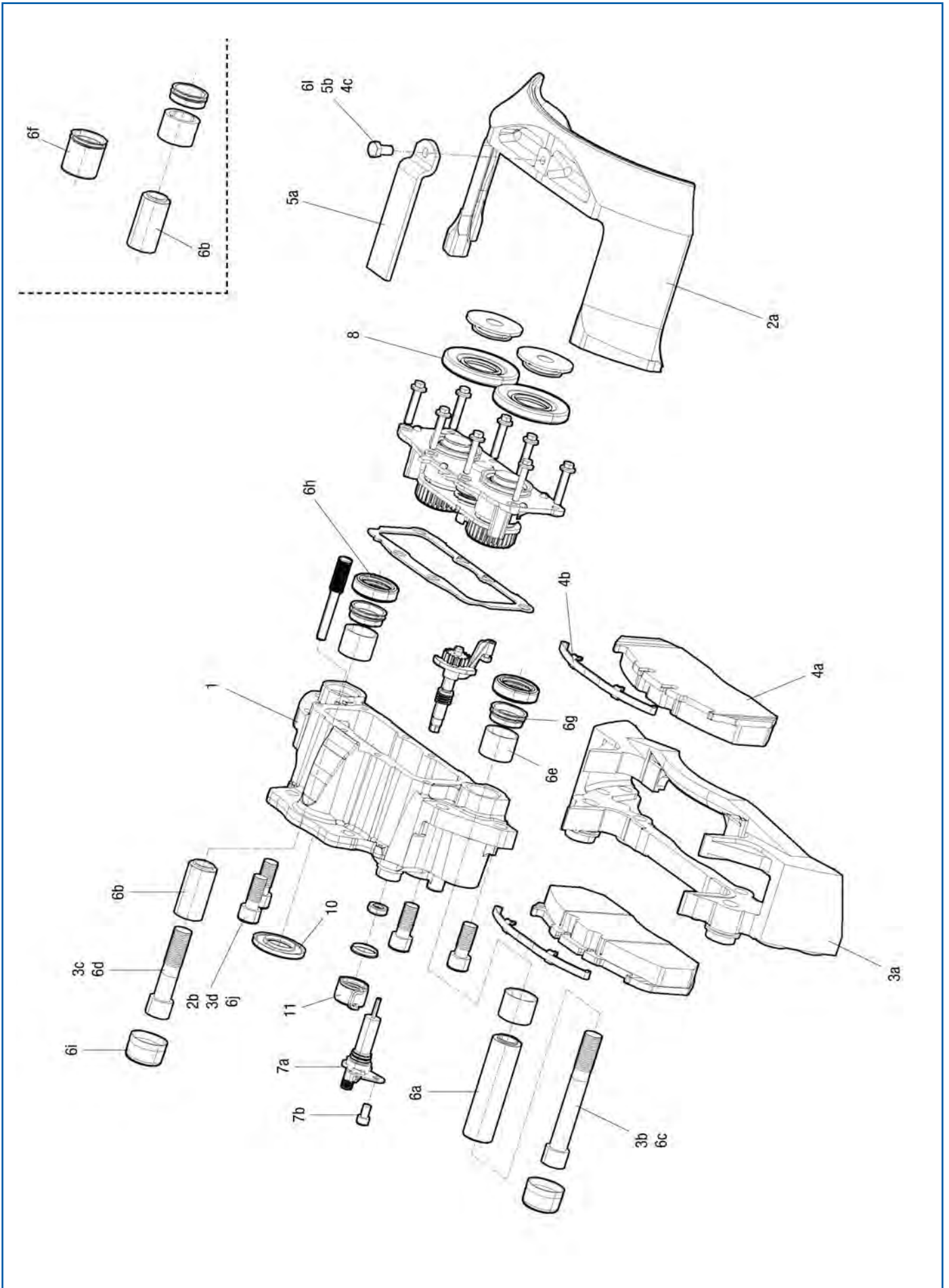




Service parts suitable for LM/LC DX195 diaphragm cylinder

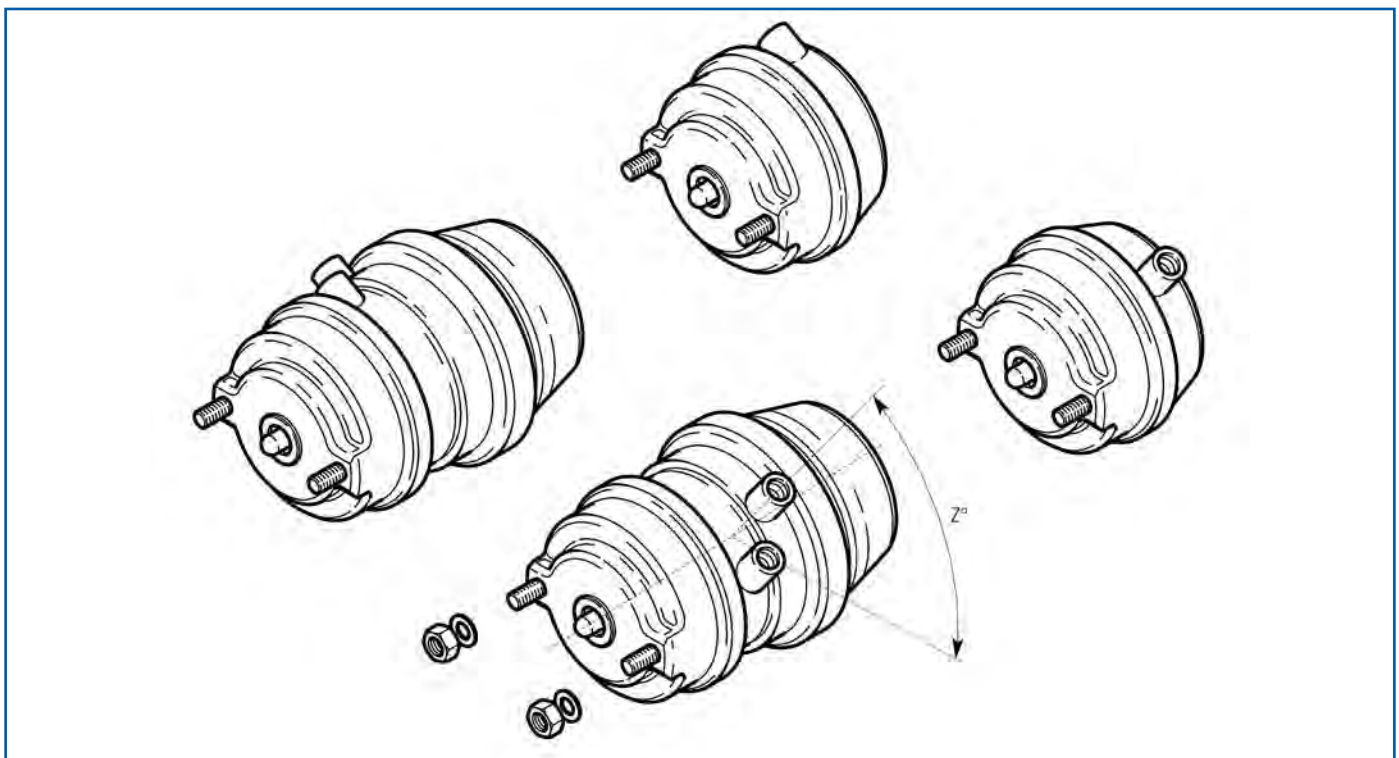
Fig.	Description	Dimensions	Order no.
1	Protective cap		7621 225 226
2	Clamping screw for brake chamber lever	M8 x 60	7600 001 249
3	Brake lever for brake calipers	Lever length 80 mm	7600 000 074
3	Brake lever for brake calipers	Lever length 90 mm	7600 000 075
4	Hexagon nut	M8	7600 001 269
5	Cotter bolt		7621 224 985
6	Security clamp for brake lever		7621 224 996

Fig.	Description	Order no.	
		installation length 45/48 mm	installation length 37/40 mm
8	Combination brake cylinder, 24/24	7600 000 073	7600 000 073
8	Combination brake cylinder, 22/24	7600 000 066	7600 000 066
8	Combination brake cylinder, 20/24	7600 000 067	7600 000 067
8	Combination brake cylinder, 18/24	7600 000 068	7600 000 068
8	Membrane brake cylinder, 22	7600 000 070	7600 000 070
8	Membrane brake cylinder, 20	7600 000 071	7600 000 071
8	Membrane brake cylinder, 18	7600 000 072	7600 001 163



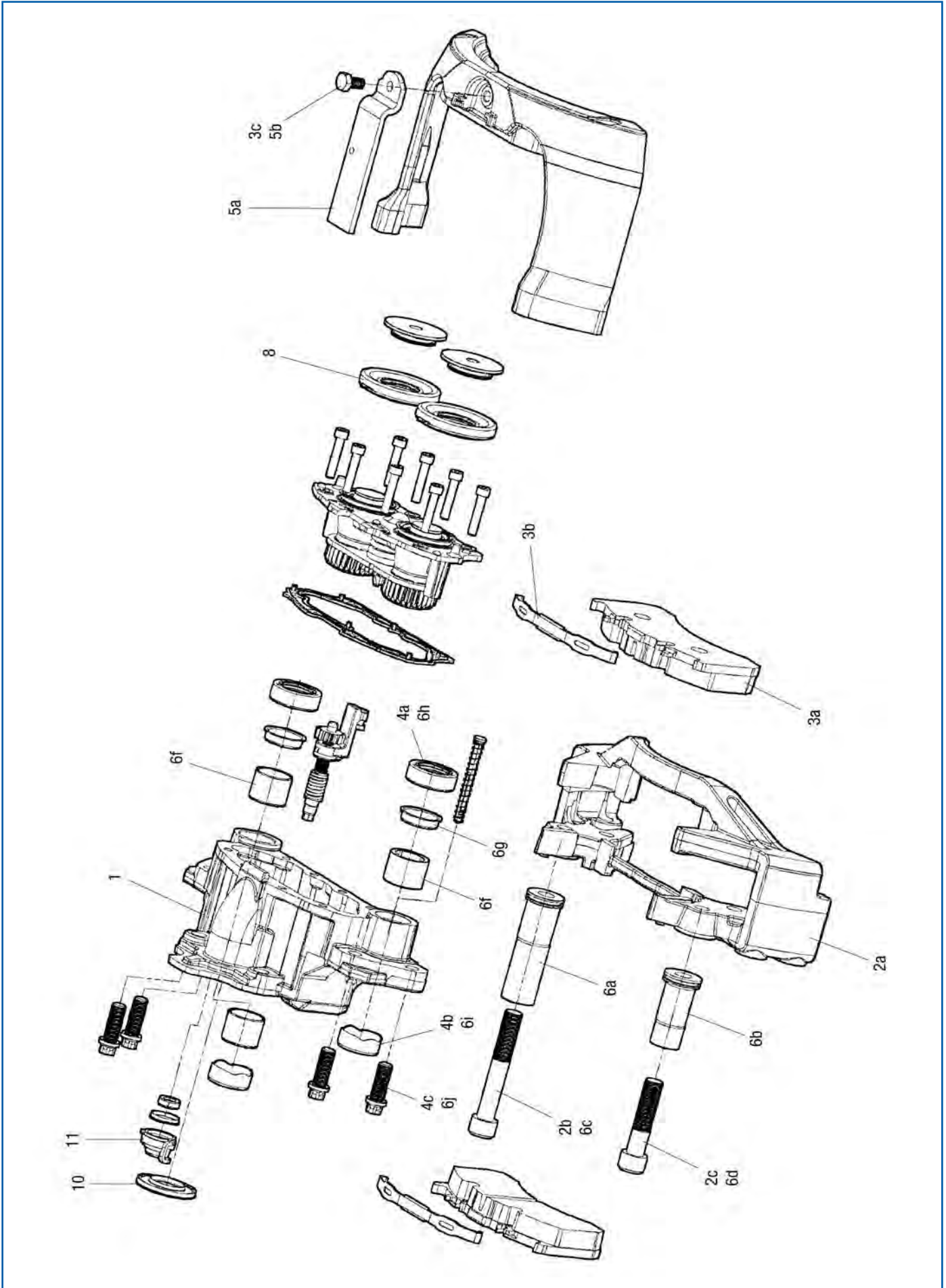
Service parts suitable for LM/LC ELSA2 brake caliper

Fig.	Description	Dimensions	Order no.
1	Brake caliper, right, without lining		1509 015 566
1	Brake caliper, left, without lining		1509 015 567
3a-3d	Brake anchor plate		1509 015 568
4a-4c	Brake pad set	118,3 x 28,20 mm	1509 010 832
4a-4c	Brake pad hold-down kit		1509 015 415
6a-6j	Repair kit (with grease)		1509 015 410
8	Plunger plate set		1509 015 405
10	Sealing ring		1509 015 539
11	Dust sleeve for brake calipers		1509 015 538



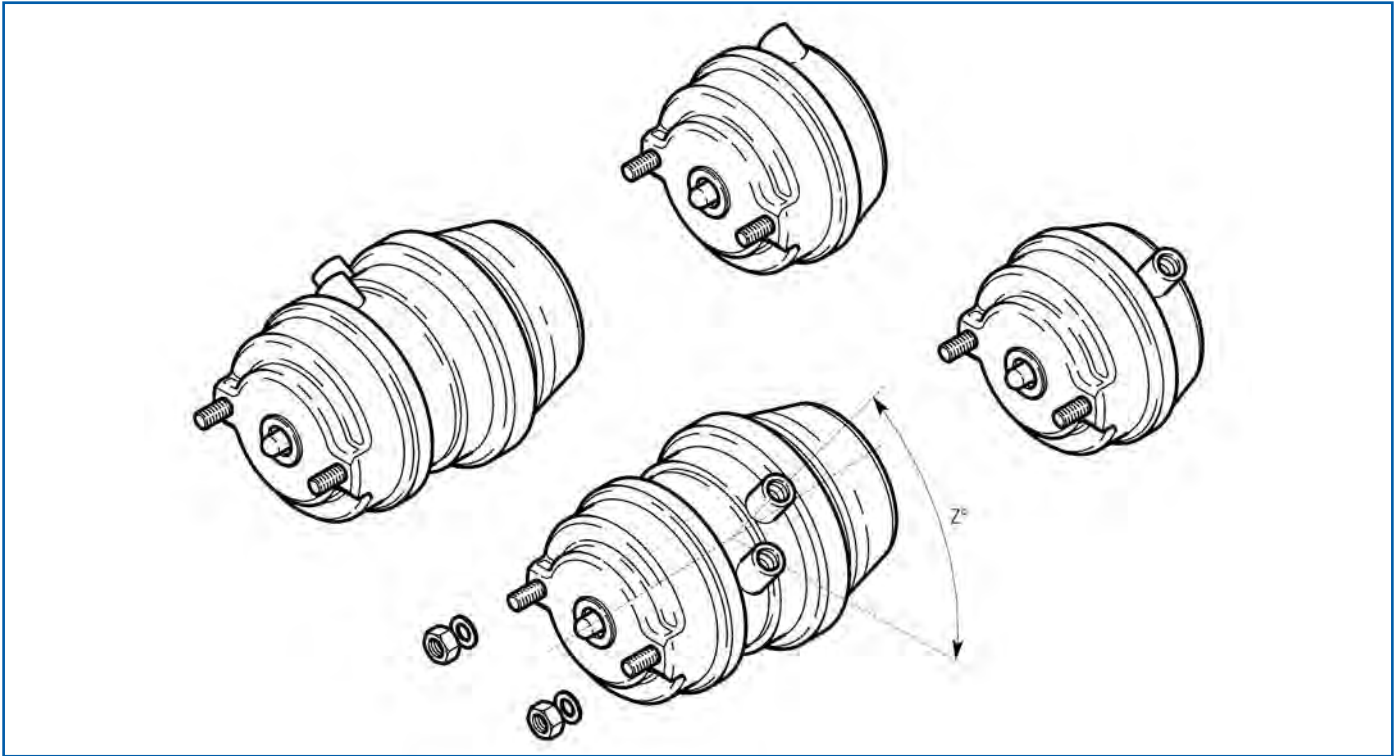
Service parts suitable for LM/LC ELSA2 diaphragm cylinder

Description	Type	Order no.	
		port alignment 45°	port alignment 135°
Membrane brake cylinder	14	7601 227 562	7601 227 563
Membrane brake cylinder	16	7600 001 184	7600 001 185
Membrane brake cylinder	18	7600 001 190	7600 001 191
Membrane brake cylinder	20	7601 228 284	7601 228 285
Membrane brake cylinder	27	7600 001 188	7600 001 189
Combination brake cylinder	14/24	2127 008 635	2127 008 636
Combination brake cylinder	16/24	7605 233 867	7601 227 569
Combination brake cylinder	18/24	7641 227 570	7604 123 182
Combination brake cylinder	20/24	7601 227 572	7601 227 573
Combination brake cylinder	22/24	7600 001 187	7960 001 396
Combination brake cylinder	24/24	7600 001 192	7600 001 193
Combination brake cylinder	27/30	7600 001 194	7600 001 195



Service parts suitable for LM/LC ELSA195 brake caliper

Fig.	Description	Dimensions	Order no.
1	Brake caliper, right, without lining		1509 015 495
1	Brake caliper, left, without lining		1509 015 500
2a-2c	Brake anchor plate		1509 015 510
3a-3c	Brake pad set	100 x 30,00 mm	2129 169 502
4a-4c	Gasket set for brake caliper guide (with grease)		1509 015 515
5a-5b	Brake pad hold-down kit		1509 015 415
6a-6j	Repair kit (with grease)		1509 015 520
8	Plunger plate set		1509 015 405
9	Wear contact		7602 162 000
10	Sealing ring		1509 015 539
11	Dust sleeve for brake calipers		1509 015 538
12	Screw set for securing brake caliper (12 piece)	M18 x 50	7602 122 743



Service parts suitable for LM/LC ELSA195 diaphragm cylinder

Description	Type	Order no.	Order no.
		port alignment 45°	port alignment 135°
Membrane brake cylinder	14	7600 001 165	7600 001 166
Membrane brake cylinder	16	7600 001 169	7600 001 170
Membrane brake cylinder	22	7600 001 196	7600 001 197
Membrane brake cylinder	24	7600 001 199	7600 001 200
Membrane brake cylinder	27	7601 226 822	7600 001 180
Combination brake cylinder	14/16	7600 001 167	7600 001 168
Combination brake cylinder	14/24	7604 122 679	7604 122 677
Combination brake cylinder	16/16	7600 001 171	7600 001 172
Combination brake cylinder	16/24	7600 001 173	7600 001 174
Combination brake cylinder	20/24	7604 122 681	7604 122 682
Combination brake cylinder	24/24	7601 229 271	7601 229 272
Combination brake cylinder	24/30	7600 001 178	7600 001 179
Combination brake cylinder	27/30	7600 001 181	7604 122 683
Combination brake cylinder	30/30	7600 001 182	7600 001 183



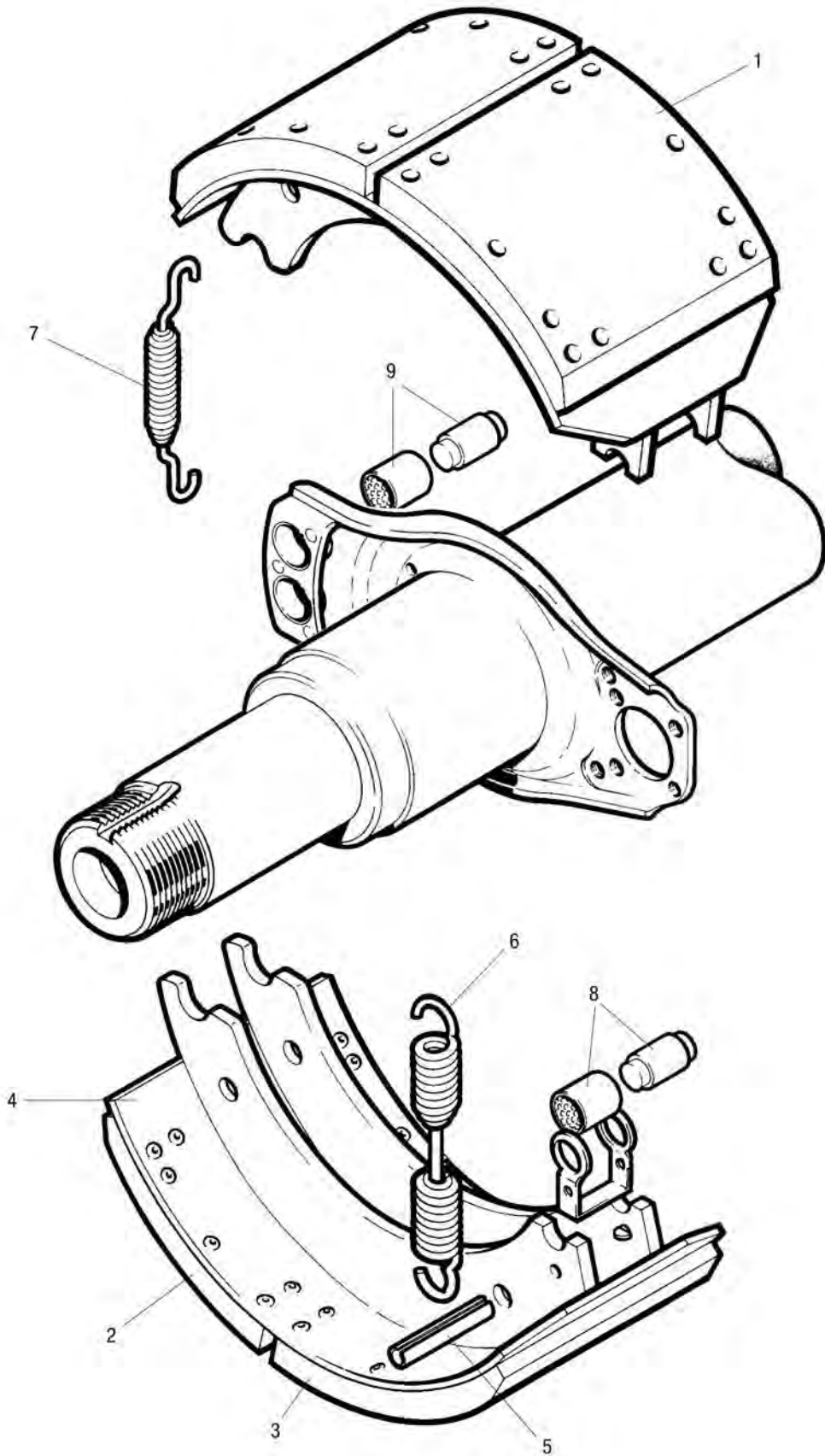
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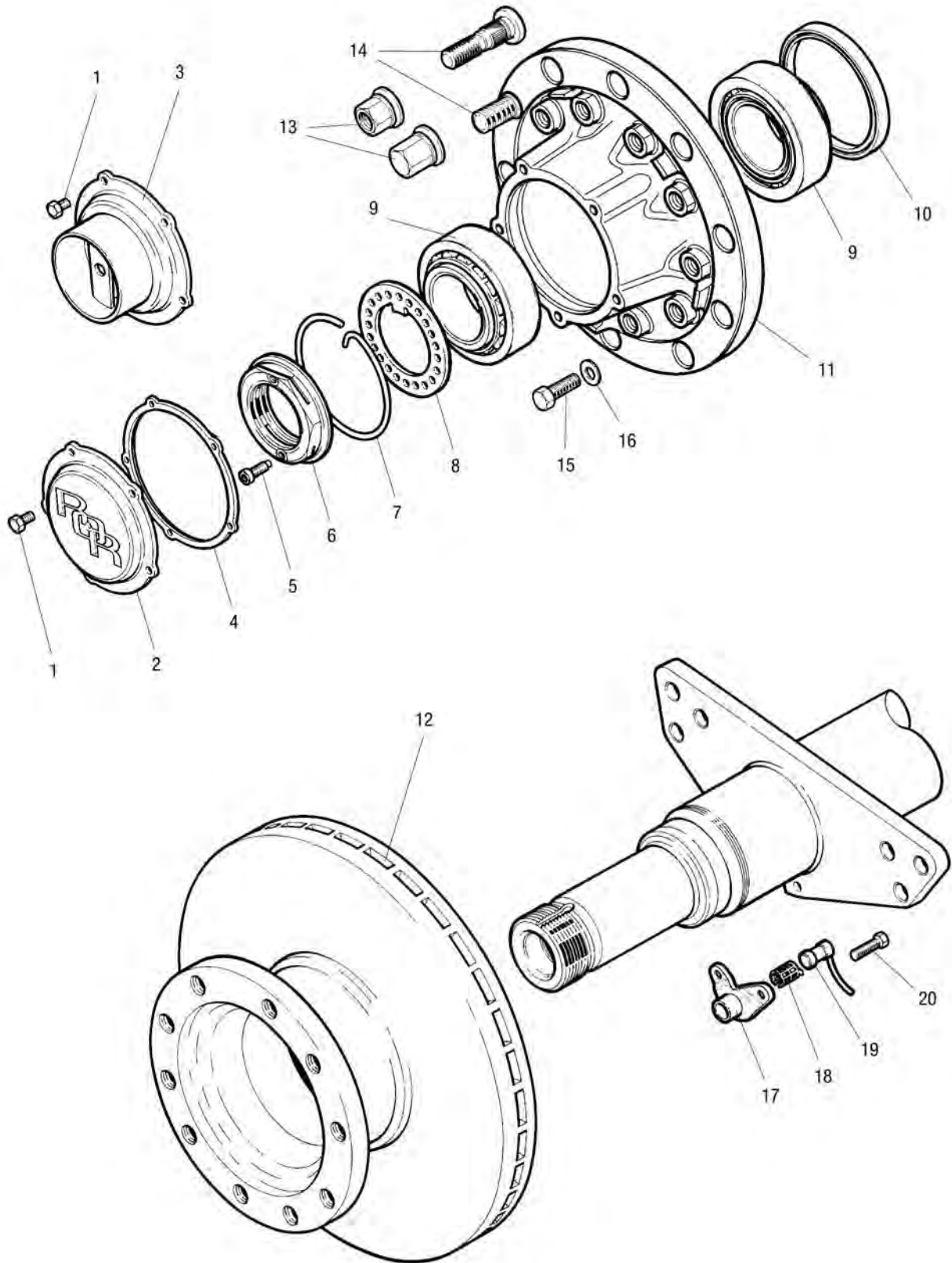
We offer various delivery options:

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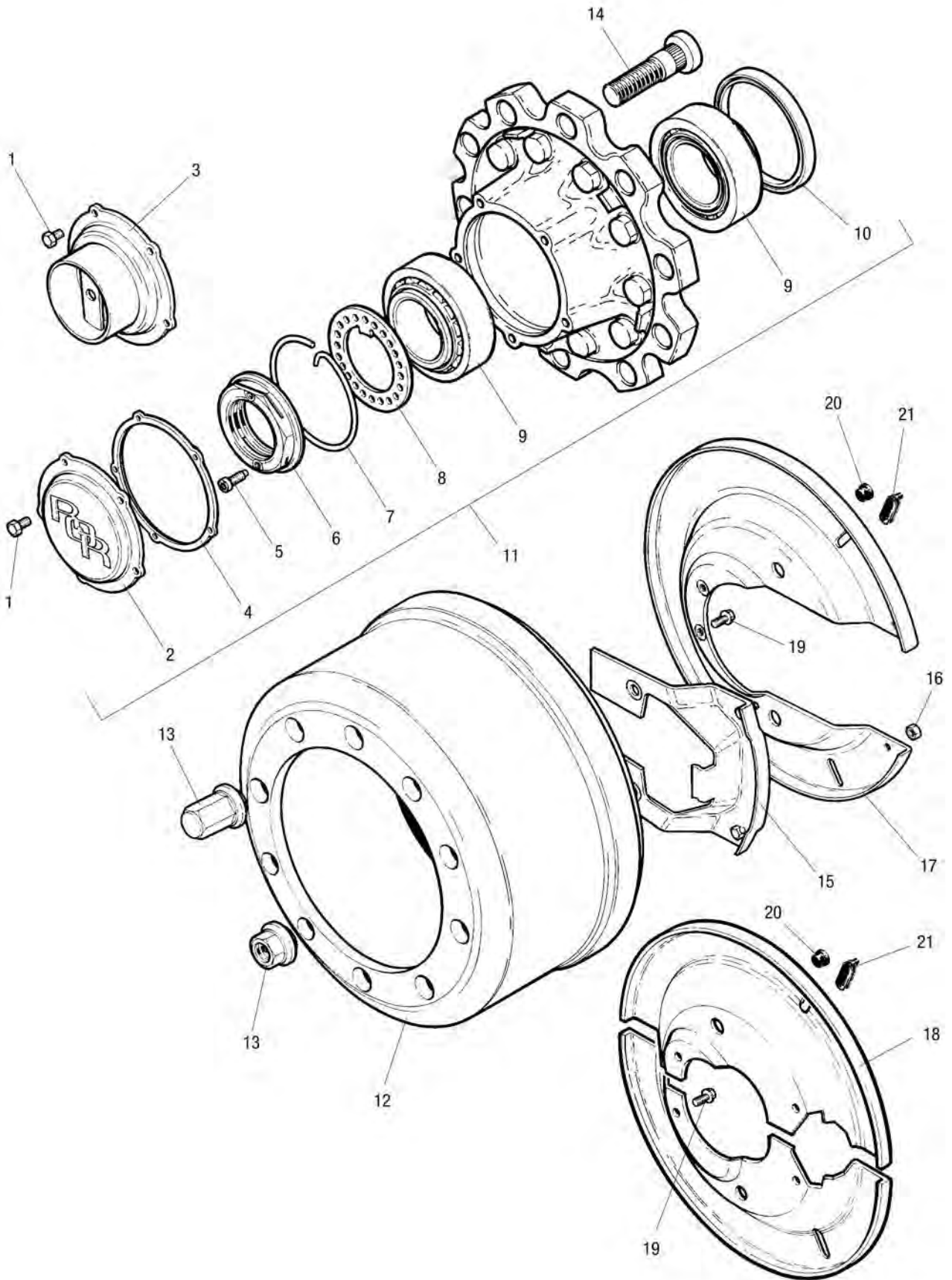
Service parts suitable for LM/LC drum brake

Fig.	Description	Dimensions	Order no.
1	Brake shoe with brake lining	420 x 180 mm	7600 000 344
2, 3	Brake lining set (4+4)		7600 003 048
4	Brake shoe without brake lining		7600 000 546
5	Spring dowel sleeve, DIN 1481	12,7 x 63 mm	7600 000 572
6	Reset spring	30 x 203 x 5 mm	7600 000 262
7	Retaining spring		7600 000 490
8	Brake cam roller assembly, 1 roller, 1 holder		7600 003 005
9	Anchor roll set, 1 roller, 1 holder		7600 003 004



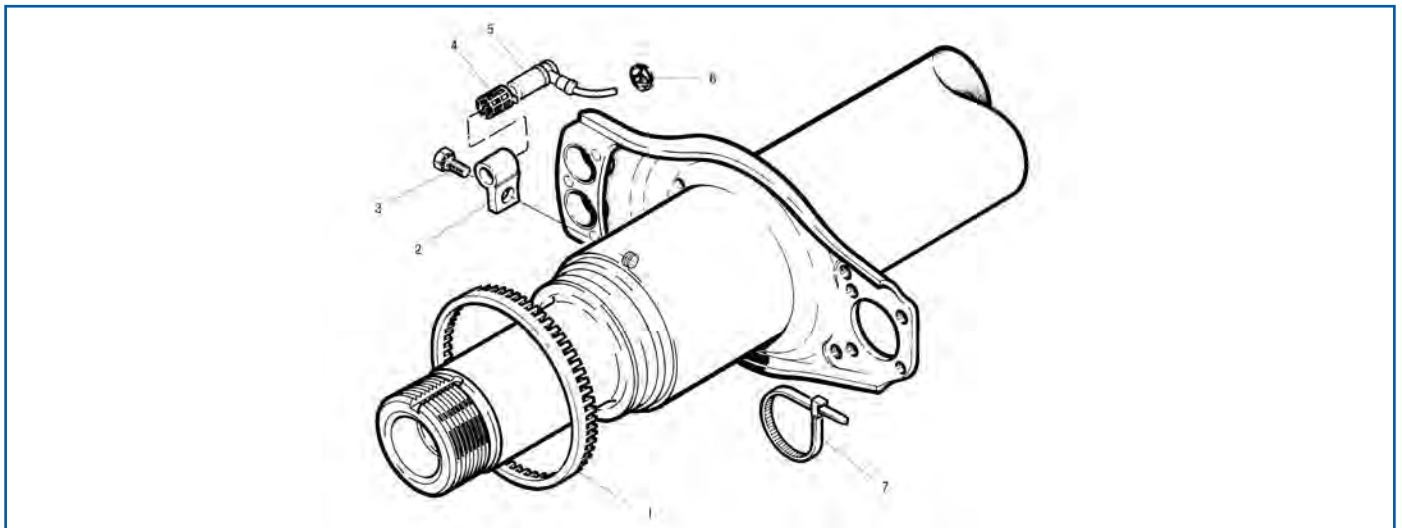
Service parts suitable for TA ELSA2 hub

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap		7621 226 038
4	Flat seal for wheel hub cover		7621 226 119
5	Safety screw for axle nut	M8 x 1,25 x 20 mm	7600 000 338
6	Axle nut		7621 226 003
7	Clamp		7621 226 117
8	Hole disc		7621 226 090
9	Tapered roller bearing		7600 000 399
10	Oil seal for wheel hub		7600 000 474
11	Wheel hub, only for single wheel		7614 226 492
12	Brake disc, Internally ventilated	434 x 45 x 150 mm	7668 323 825
13	Wheel nut set, standard open, for steel and aluminium wheel	M22 x 1,5/Spanner size 32 mm	7621 226 396
14	Wheel bolt set for steel and aluminium wheel		7621 226 340
14	Wheel bolt set for aluminium single wheel		7621 226 478
15	Attachment screw	M16 x 65	7621 225 100
16	Washer		7621 224 978
17	Sensor bracket		7600 001 160
18	Clamping sleeve for ABS rotational speed sensor	Length 32 mm	7600 000 877
19	Speed sensor for ABS		7600 000 615
20	Attachment screw		7600 001 210



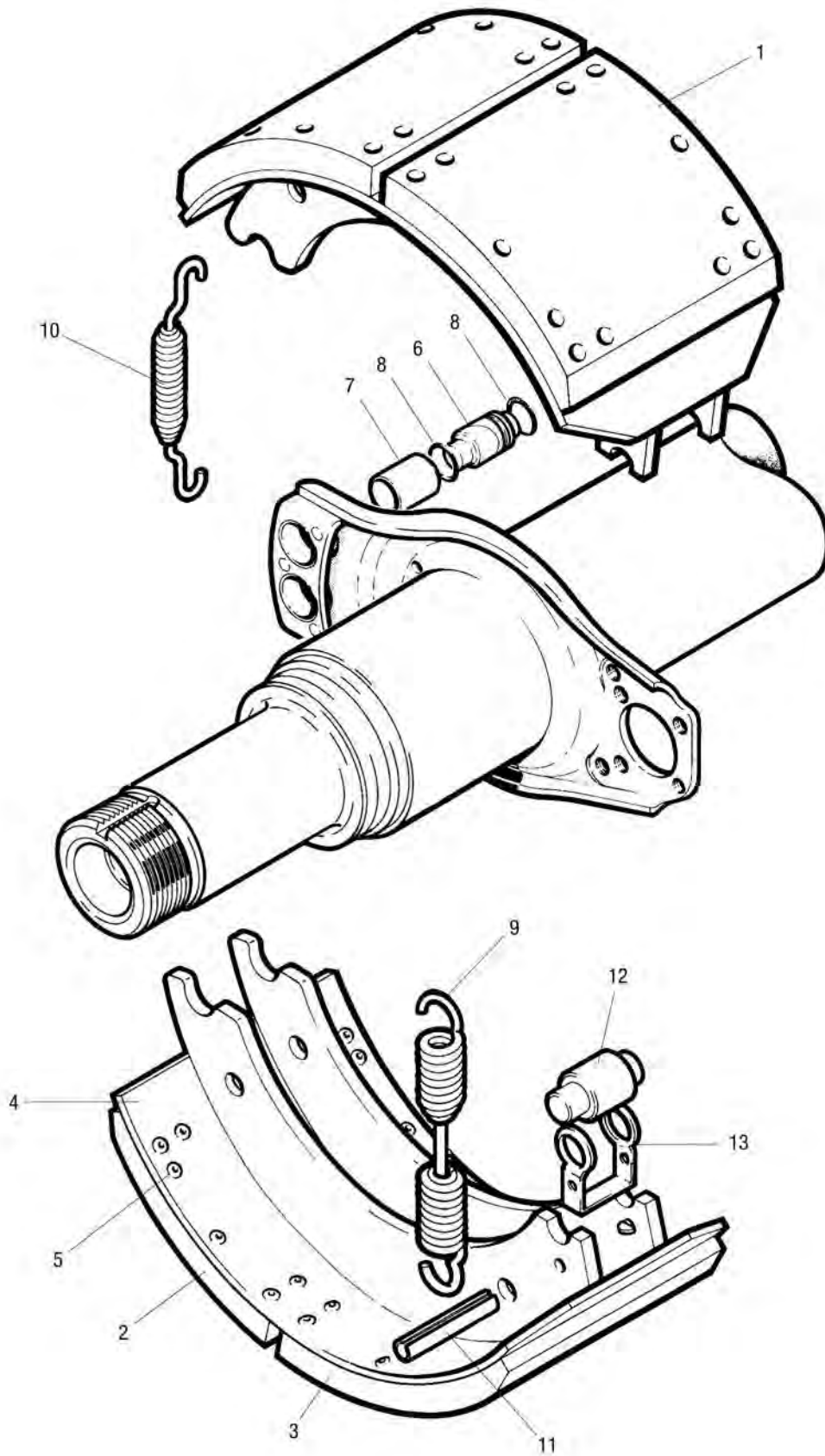
Service parts suitable for TA hub

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap		7621 226 038
4	Flat seal for wheel hub cover		7621 226 119
5	Safety screw for axle nut	M8 x 1,25 x 20 mm	7600 000 338
6	Axle nut		7621 226 003
7	Clamp		7621 226 117
8	Hole disc		7621 226 090
9	Tapered roller bearing		7600 000 399
10	Oil seal for wheel hub		7600 000 474
11	Wheel hub for twin and single wheel		7614 226 120
13	Wheel nut set for drum and disc brake	M22 x 1,5/Spanner size 32 mm	7621 226 396
14	Wheel bolt, steel single wheel	M22 x 1,5, Length 96 mm	7600 000 119
14	Wheel bolt, steel twin wheel and aluminium single wheel	M22 x 1,5, Length 98 mm	7600 000 418
14	Wheel bolt set, aluminium wheel and twin wheel	M22 x 1,5	7600 003 025
15	Dust plate, small	Brake dimension Q 420 x 180 mm	7600 001 145
15	Dust plate, small, 04/2001-	Brake dimension Q 420 x 180 mm	7615 225 842
16	Hexagon nut	M8 x 420 x 180 mm	7600 000 343
17	Dust plate, large	Brake dimension Q 420 x 180 mm	7600 001 150
18	Dust plate set	Brake dimension Z 420 x 220 mm	7600 001 032
19	Bolt		7609 546 002
20	Plug		7600 000 025
21	Stopper for inspection hole		7600 000 958



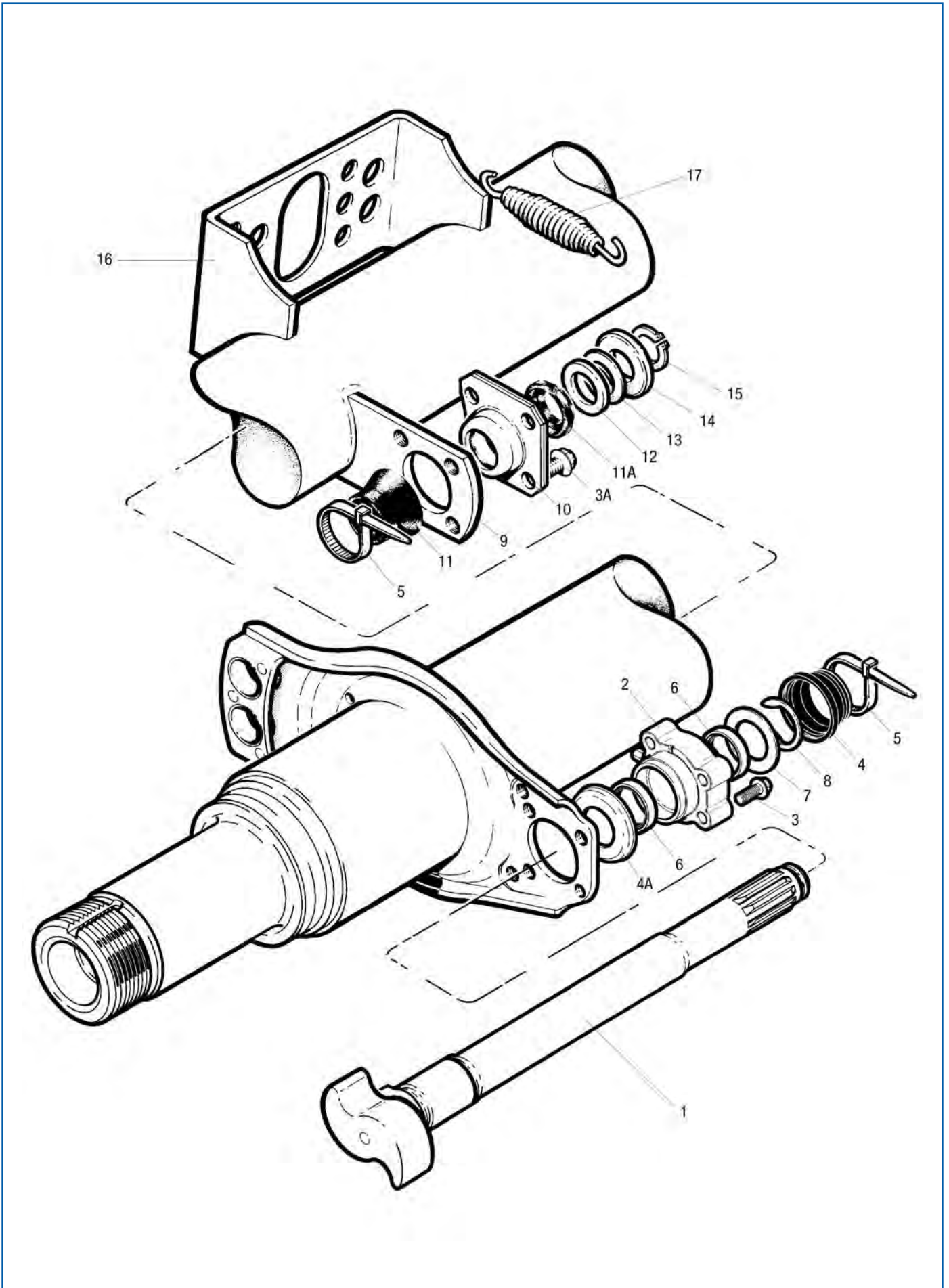
Service parts suitable for TA/TC ABS

Fig.	Description	Order no.
1	ABS ring, Number of teeth 100	7600 001 049
2	Sensor bracket	7600 001 050
3	Attachment screw for sensor bracket	7600 001 209
4	Clamping sleeve for ABS rotational speed sensor	7600 000 877
5	Speed sensor for ABS	7600 000 615
6	Dust protection cap	7600 000 616
7	Cable connector	7600 000 969



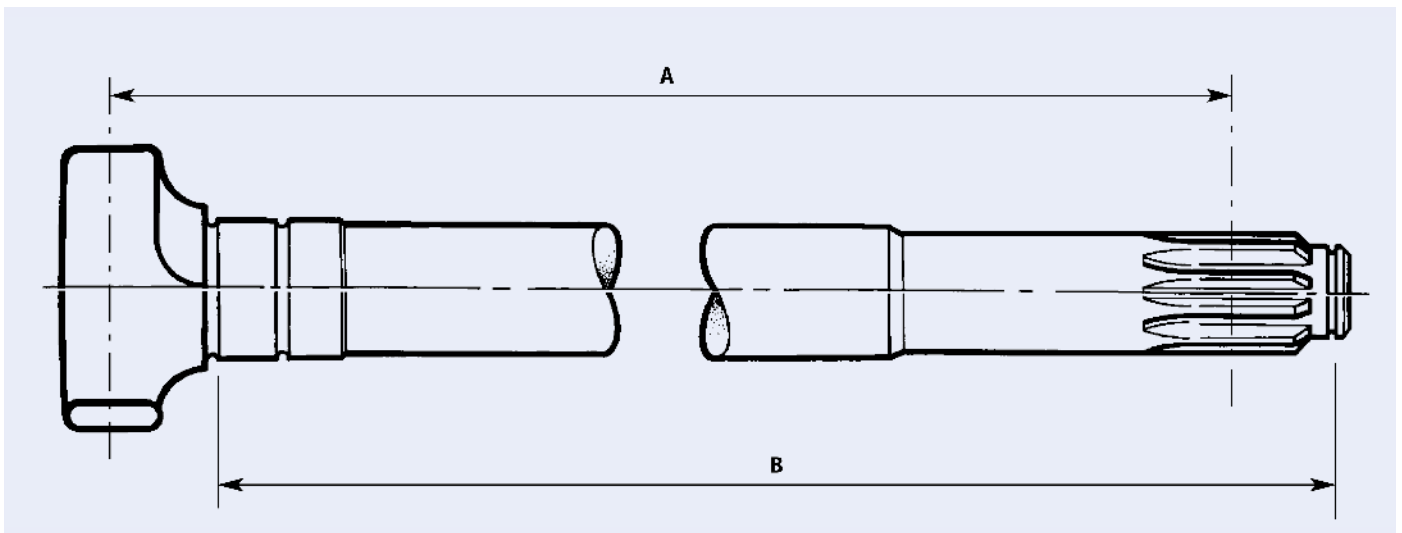
Service parts suitable for TA/TC brake

Fig.	Description	Order no.	Order no.
		Q 420 x 180 mm	Z 420 x 220 mm
1	Brake shoe with lining	7600 000 547	7600 000 549
2/3	Brake lining set	7600 003 049	7600 003 051
4	Brake shoe without lining	7600 000 666	7600 000 550
5	Brake pad rivet, brass	7600 000 441	7600 000 441
6	Brake shoe pin	7600 000 507	7600 000 507
7	Bearing bush	7600 000 966	7600 000 966
8	O-ring	7600 000 957	7600 000 957
9	Reset spring	7600 000 262	7600 000 262
10	Retaining spring	7600 000 490	7600 000 490
11	Spring dowel sleeve, DIN 1481	7600 000 572	7600 000 572
12	Brake cam roller	7600 000 112	7600 000 112
13	Safety hoop	7600 000 491	7600 000 491



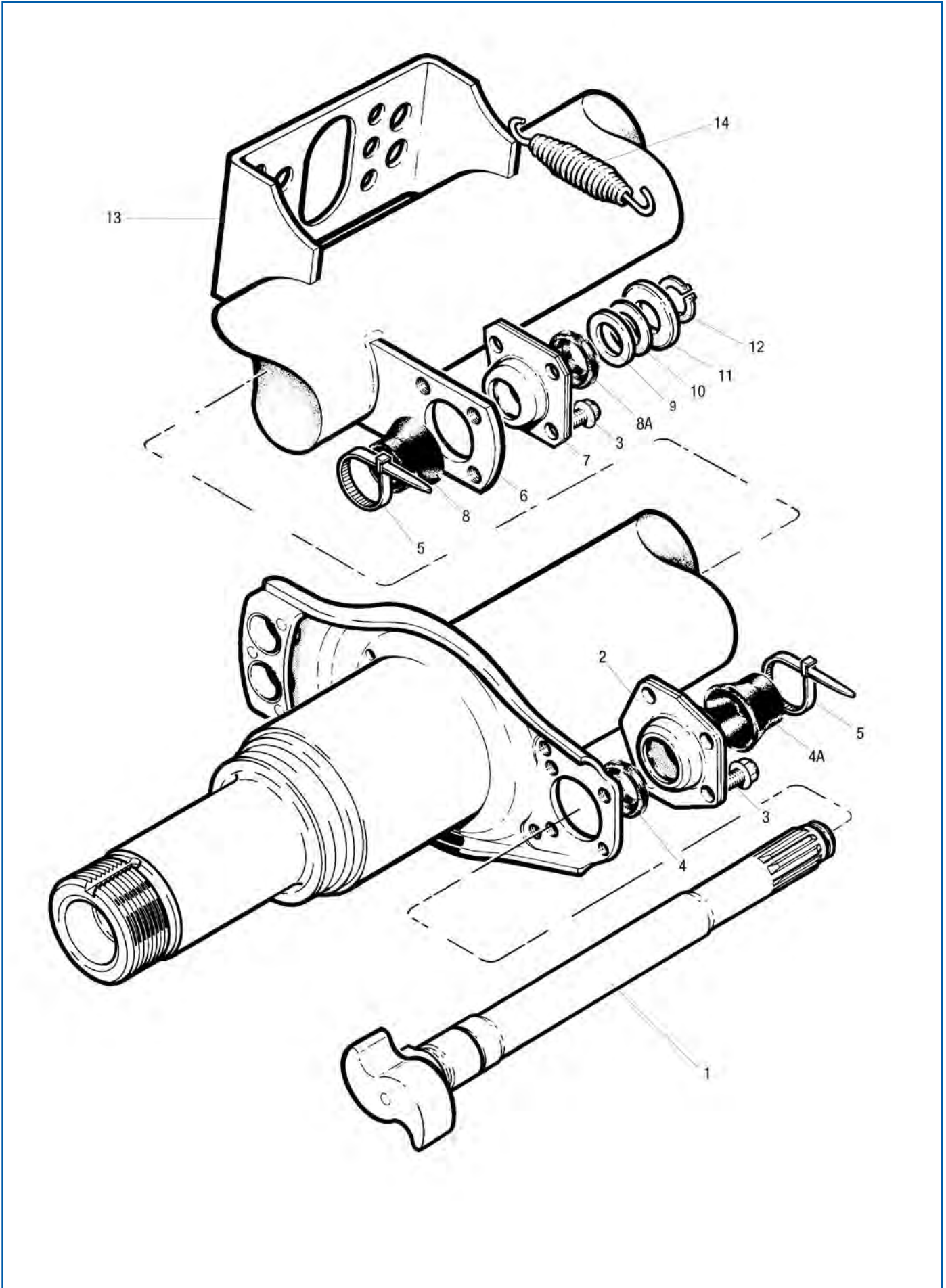
Service parts suitable for TA/TC brake shaft/-bearing from 01.04.2001

Fig.	Description	Dimensions	Order no.
3A	Bolt, cam side		7609 546 002
5	Cable connector		7600 000 969
9	Brake camshaft holder		7600 000 752
10	Bearing bush		7600 000 402
11	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
11A	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
12	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
13	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
14	Safety plate		7600 000 953
15	Circlip	30 x 1,5 mm	7600 001 005
16	Bracket		7600 000 781
17	Reset spring	26 x 148 x 2,8 mm	6164 083 714



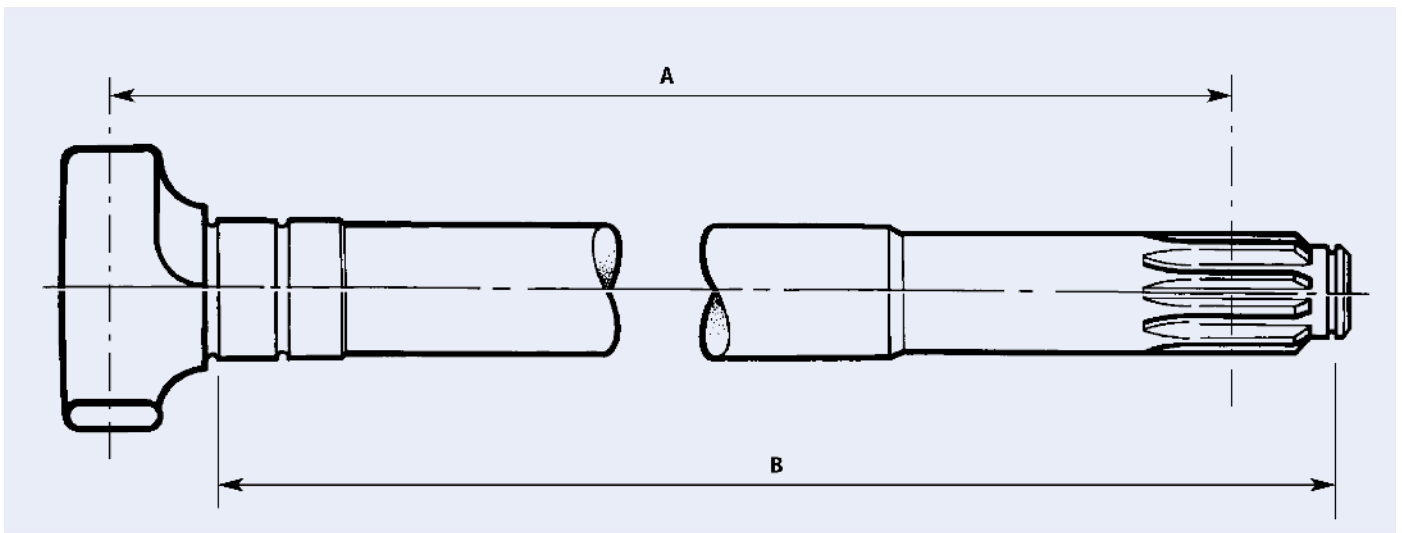
Brake camshaft

A	B	Order no. right	Order no. left
229,9 mm	232,4 mm	7600 001 158	7600 001 159
412,2 mm	416,7 mm	7600 001 156	7600 001 157
521 mm	525,5 mm	7621 227 109	7621 227 110
583 mm	587,5 mm	7621 227 107	7621 227 108
605,5 mm	610 mm	7600 001 154	7600 001 155
622,5 mm	627 mm	7600 001 152	7600 001 153
632,5 mm	637 mm	7603 233 821	7600 001 151



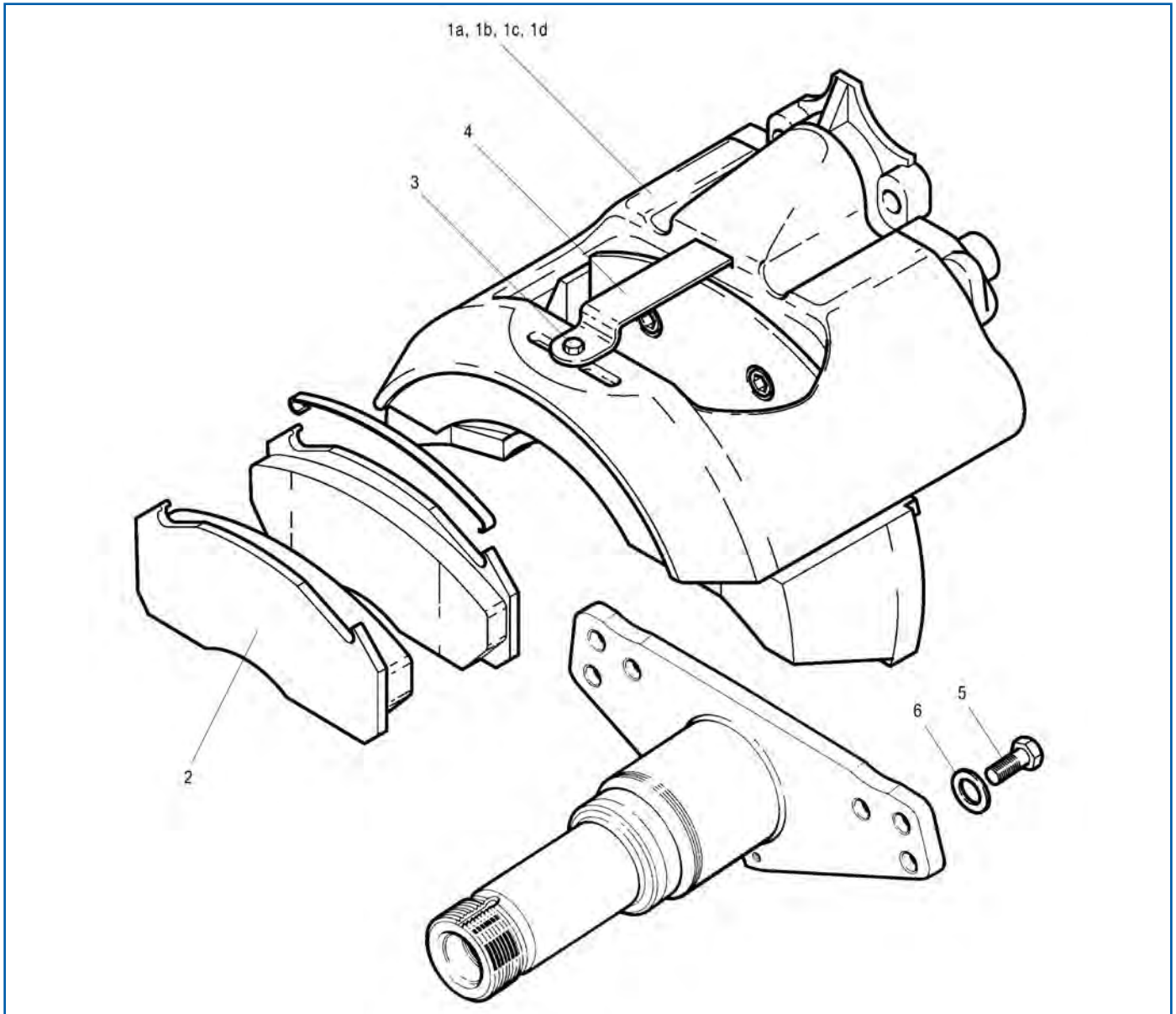
Service parts suitable for TA/TC brake shaft/-bearing to 31/03/2001

Fig.	Description	Dimensions	Order no.
2	Bearing shell for brake camshaft bearing	420 x 180/220 mm	7600 000 675
3	Bolt, cam side		7609 546 002
4	Dust protection cap, inner, cam side		7600 003 006
4A	Dust protection cap, outer, cam side		7600 003 007
5	Cable connector		7600 000 969
6	Brake camshaft holder for camshaft (axles built from 9/99)		7600 000 752
7	Bearing bush		7600 000 402
8	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
8A	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
9	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
10	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
11	Safety plate		7600 000 953
12	Circlip	30 x 1,5 mm	7600 001 005
13	Bracket		7600 000 781
14	Reset spring	26 x 148 x 2,8 mm	6164 083 714



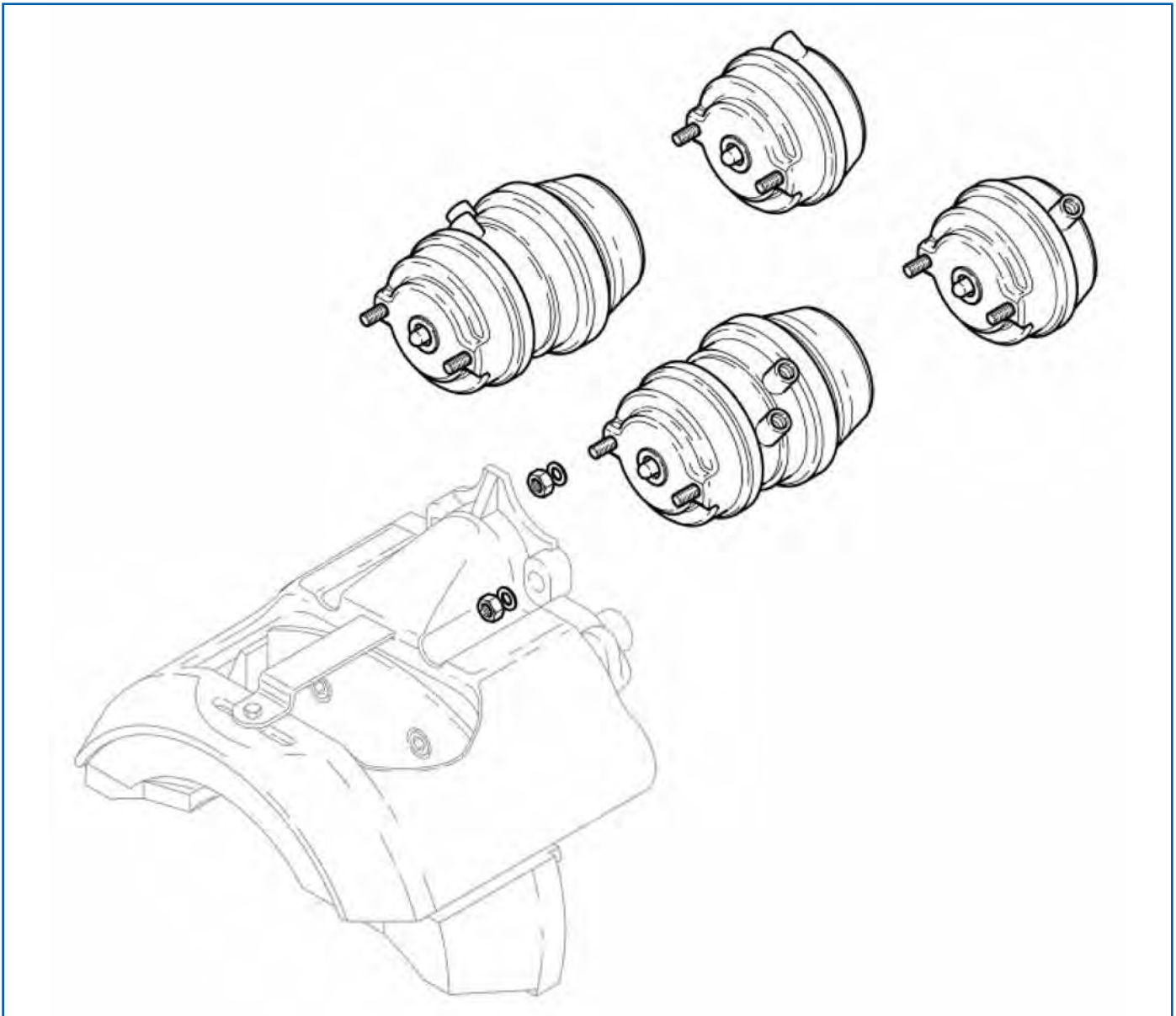
Brake camshaft

A	B	Order no. right	Order no. left
229,9 mm	232,4 mm	7621 223 154	7621 223 155
253,5 mm	258 mm	7603 233 305	7600 001 119
412,2 mm	416,7 mm	7600 001 039	7600 001 040
521,48 mm	525,5 mm	7600 000 970	7600 000 971
544,5 mm	549 mm	7621 222 700	7621 222 701
564,48 mm	568,5 mm	7621 222 386	7621 222 387
583,48 mm	587,5 mm	7600 000 977	7600 000 978
622,98 mm	627 mm	7600 001 041	7600 001 042
632,98 mm	637 mm	7600 001 045	7600 001 046



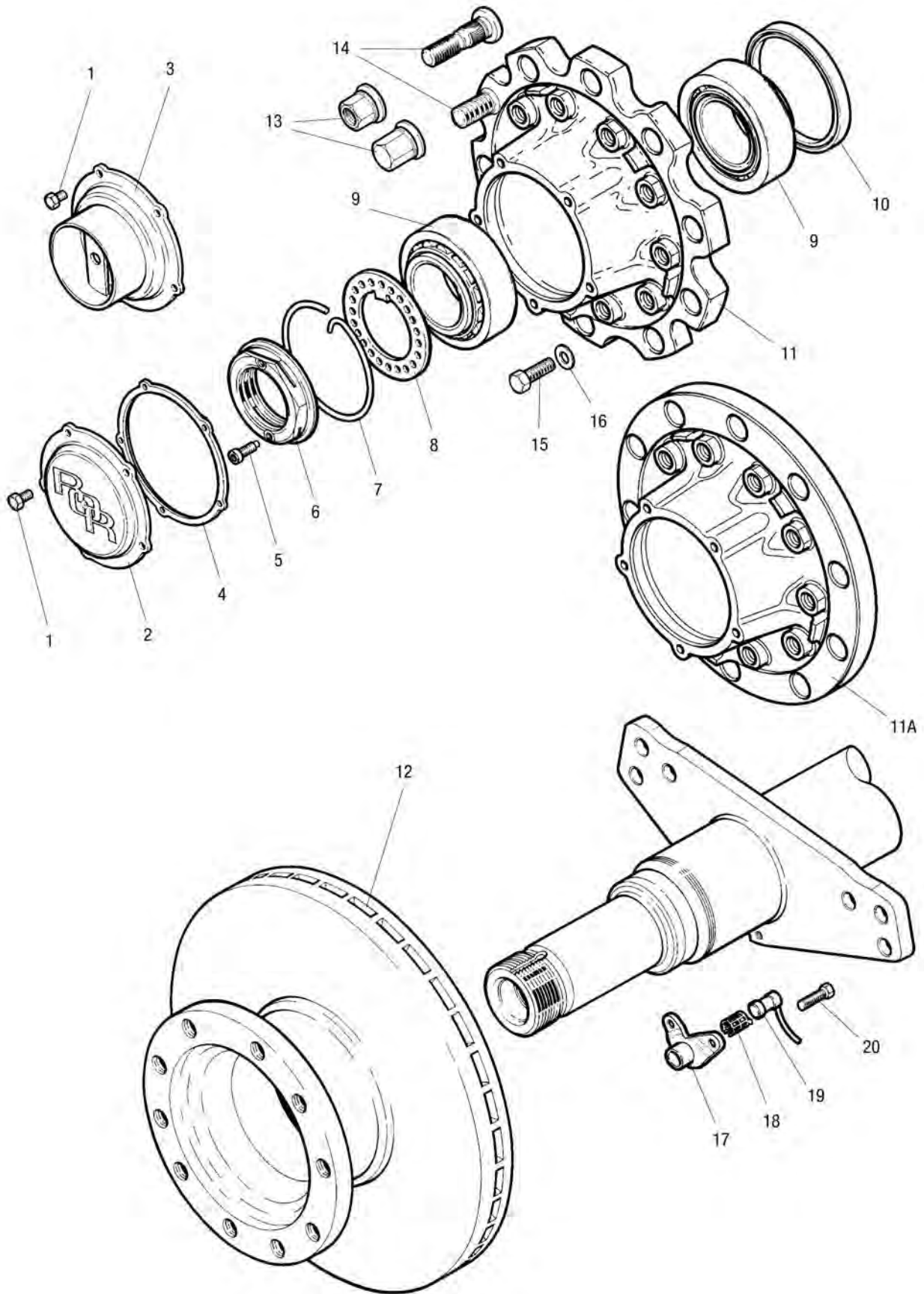
Service parts suitable for TA/TC D Duco brake caliper

Fig.	Description	Dimensions	Order no.
1a	Brake caliper D DUCO, LRG536	Hole \varnothing 20 mm	1509 010 951
1b	Brake caliper D DUCO, LRG537	Hole \varnothing 20 mm	1509 010 952
1c	Brake caliper D DUCO, LRG578	Hole \varnothing 18 mm	1509 005 411
1d	Brake caliper D DUCO, LRG579	Hole \varnothing 18 mm	7600 005 411
2	Brake pad set with accessories and retaining springs	250 x 110 x 30,00 mm	1509 015 355
4	Wear contact set		7600 001 264
5	Attachment bolt	M20 x 50	7621 226 651
5	Screw set for securing brake caliper (12 piece)	M18 x 50	7602 122 743
6	Washer		7600 001 143
	Repair kit for dust gaiters		7600 001 299
	Repair kit thrust piece		7600 001 238
	Dust sleeve for pushrod		7608 324 854
	Dust sleeve for brake calipers		1509 015 538
	Repair kit for brake calipers (Meritor MCK1134)		7600 001 134
	Repair kit for brake calipers (Meritor MCK1116)		7600 111 600



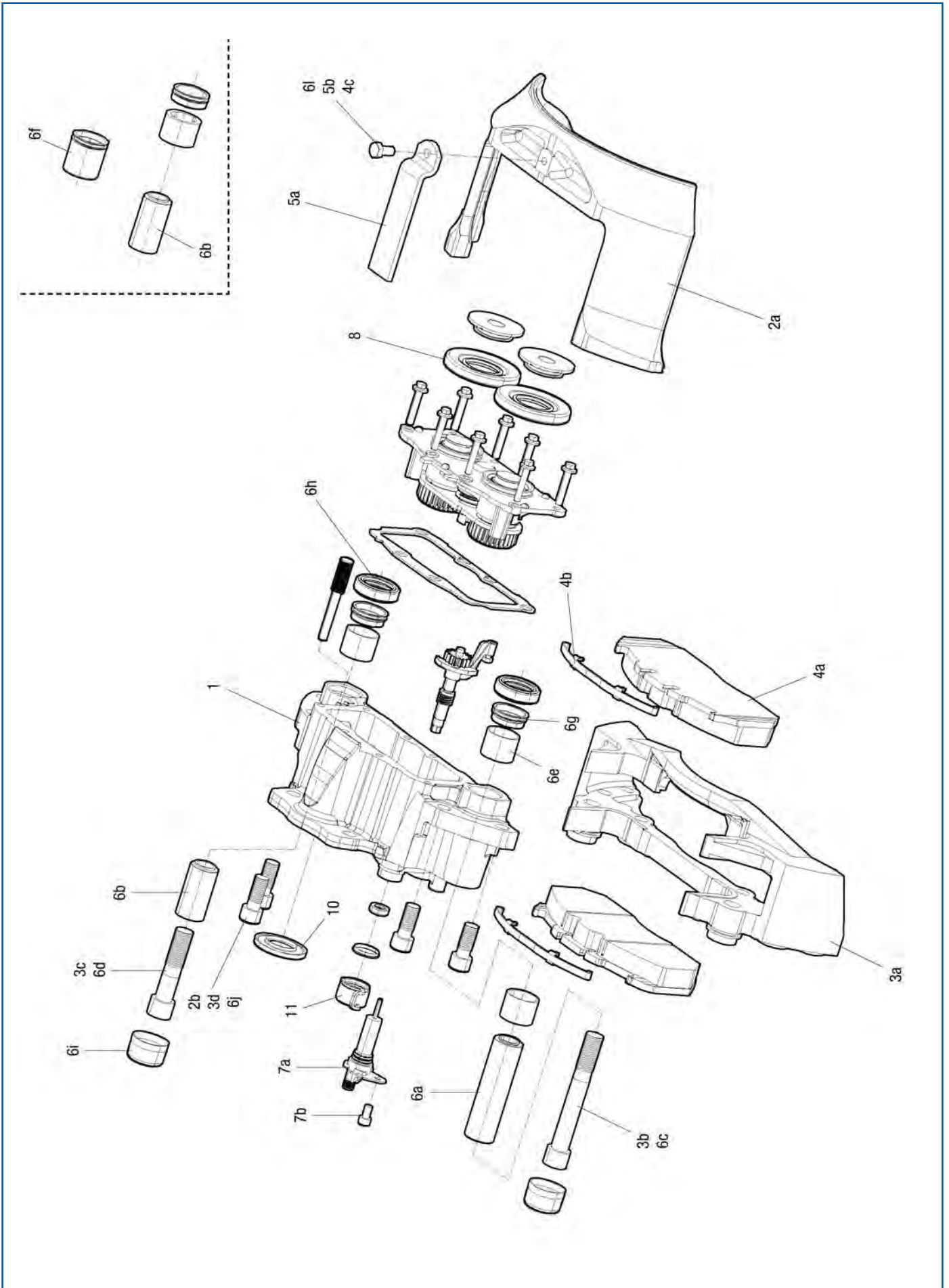
Service parts suitable for TA/TC D Duco diaphragm cylinder

Description	Type	Order no.	Order no.
		port alignment 45°	port alignment 135°
Membrane brake cylinder	14	7600 001 165	7600 001 165
Membrane brake cylinder	16	7600 001 169	7600 001 169
Membrane brake cylinder	22	7600 001 196	7600 001 196
Membrane brake cylinder	24	7600 001 199	7600 001 199
Membrane brake cylinder	27	7601 226 822	7601 226 822
Combination brake cylinder	14/16	7600 001 167	7600 001 167
Combination brake cylinder	14/24	7604 122 679	7604 122 679
Combination brake cylinder	16/16	7600 001 171	7600 001 171
Combination brake cylinder	16/24	7600 001 173	7600 001 173
Combination brake cylinder	18/24	7600 000 068	7600 000 068
Combination brake cylinder	24/24	7601 229 271	7601 229 271
Combination brake cylinder	24/30	7600 001 178	7600 001 178
Combination brake cylinder	27/30	7600 001 181	7600 001 181
Combination brake cylinder	30/30	7600 001 182	7600 001 182



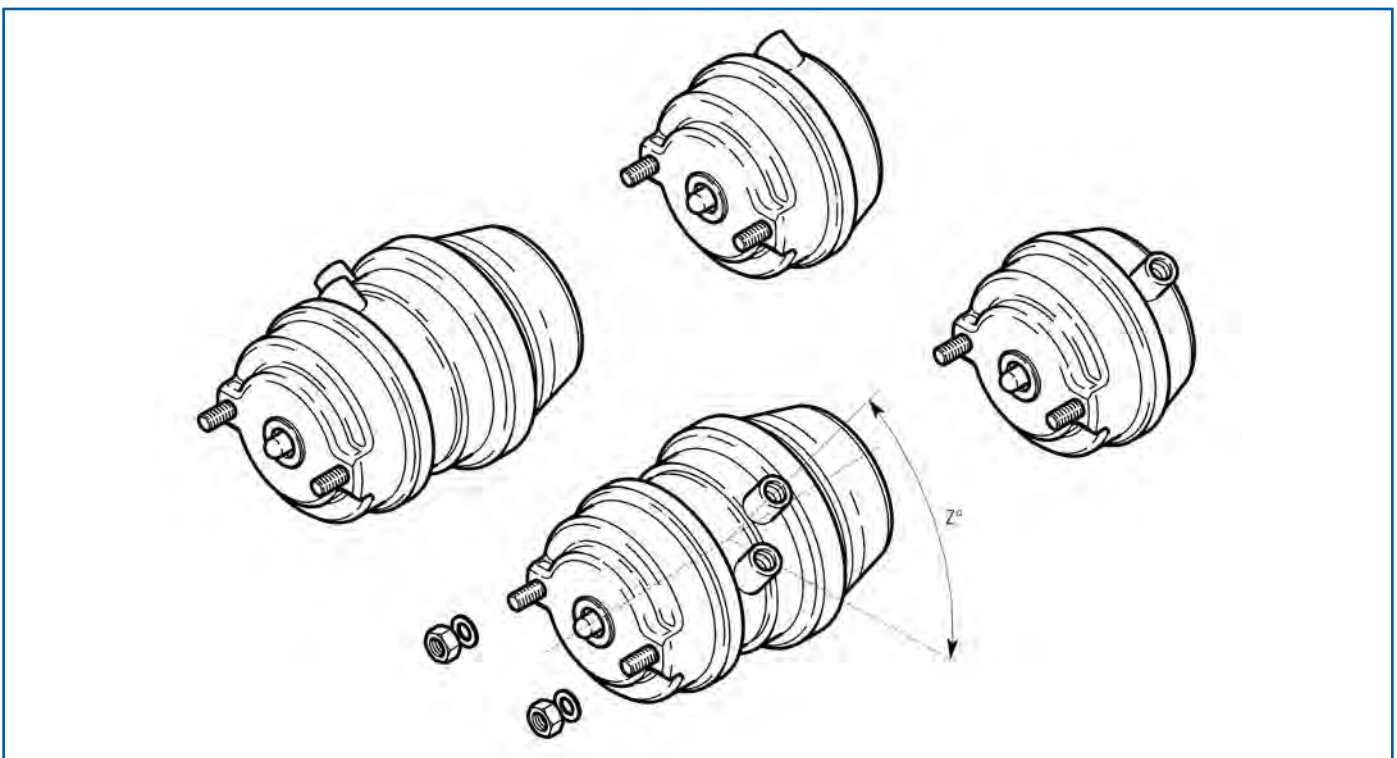
Service parts suitable for TA/TC D Duco hub, brake disc, ABS

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap		7621 226 038
4	Flat seal for wheel hub cover		7621 226 119
5	Safety screw for axle nut	M8 x 1,25 x 20 mm	7600 000 338
6	Axle nut		7621 226 003
7	Clamp		7621 226 117
8	Hole disc		7621 226 090
9	Tapered roller bearing		7600 000 399
10	Oil seal for wheel hub		7600 000 474
11	Wheel hub, only for twin wheel		7614 226 121
11A	Wheel hub, only for single wheel		7614 226 492
12	Brake disc, Internally ventilated	434 x 45 x 150 mm	7668 323 825
13	Wheel nut set for drum and disc brake	M22 x 1,5/Spanner size 32 mm	7621 226 396
14	Wheel bolt set for steel and aluminium wheel		7621 226 340
14	Wheel bolt set for aluminium single wheel		7621 226 478
14	Wheel bolt set		7621 226 479
15	Attachment screw	M16 x 65	7621 225 100
16	Washer		7621 224 978
17	Sensor bracket		7600 001 160
18	Clamping sleeve for ABS rotational speed sensor	Length 32 mm	7600 000 877
19	Speed sensor for ABS		7600 000 615
20	Attachment screw for sensor bracket		7600 001 210



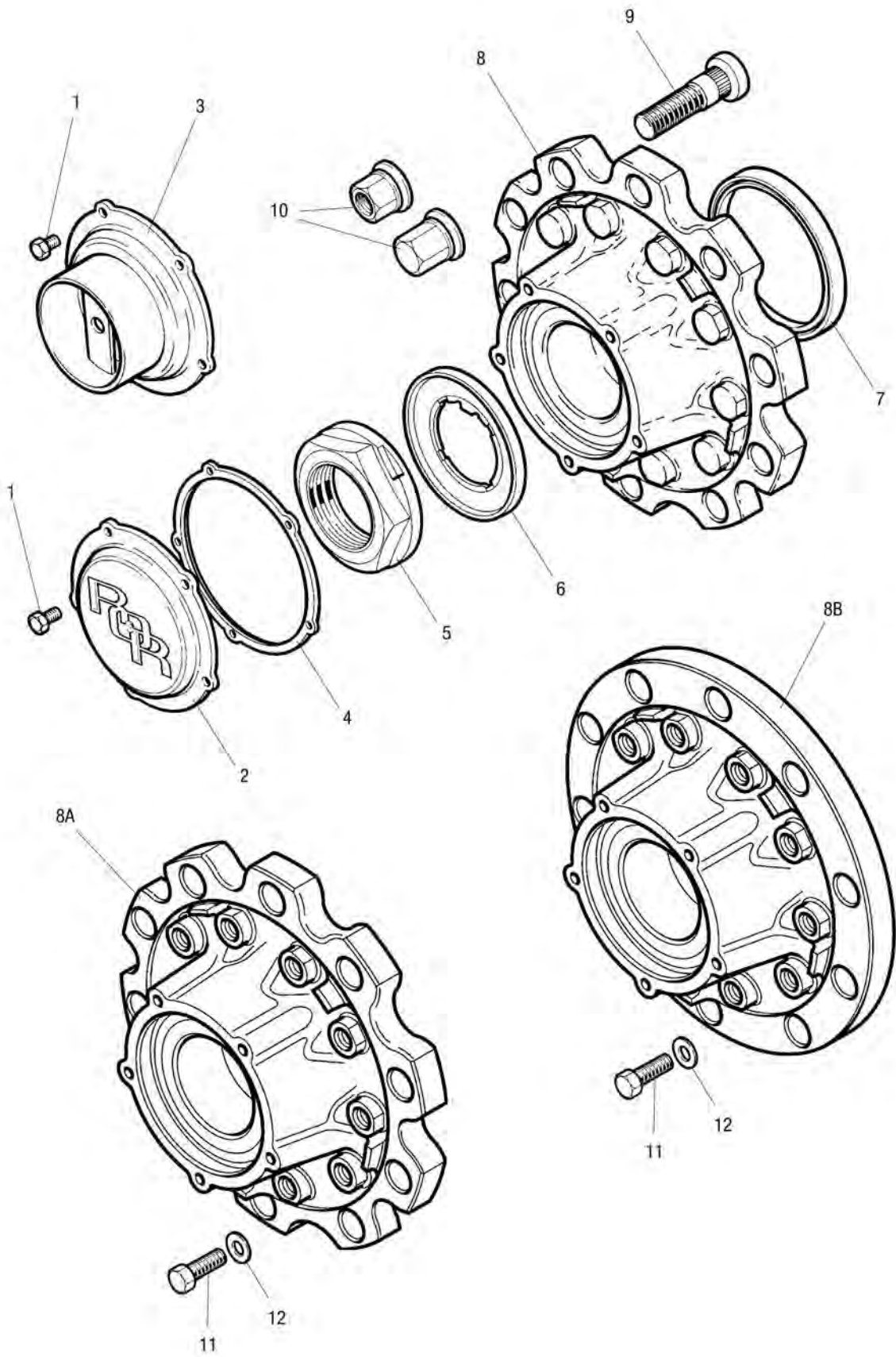
Service parts suitable for TA/TC ELSA2 brake caliper

Fig.	Description	Dimensions	Order no.
1	Brake caliper, right, without lining		1509 015 566
1	Brake caliper, left, without lining		1509 015 567
3a-3d	Brake anchor plate		1509 015 568
4a-4c	Brake pad set	118,3 x 28,20 mm	1509 010 832
5a-5b	Brake pad hold-down kit		1509 015 415
6a-6j	Repair kit (with grease)		1509 015 410
8	Plunger plate set		1509 015 405
10	Sealing ring		1509 015 539
11	Dust sleeve for brake calipers		1509 015 538
	Screw set for securing brake caliper (12 piece)	M18 x 50	7602 122 743



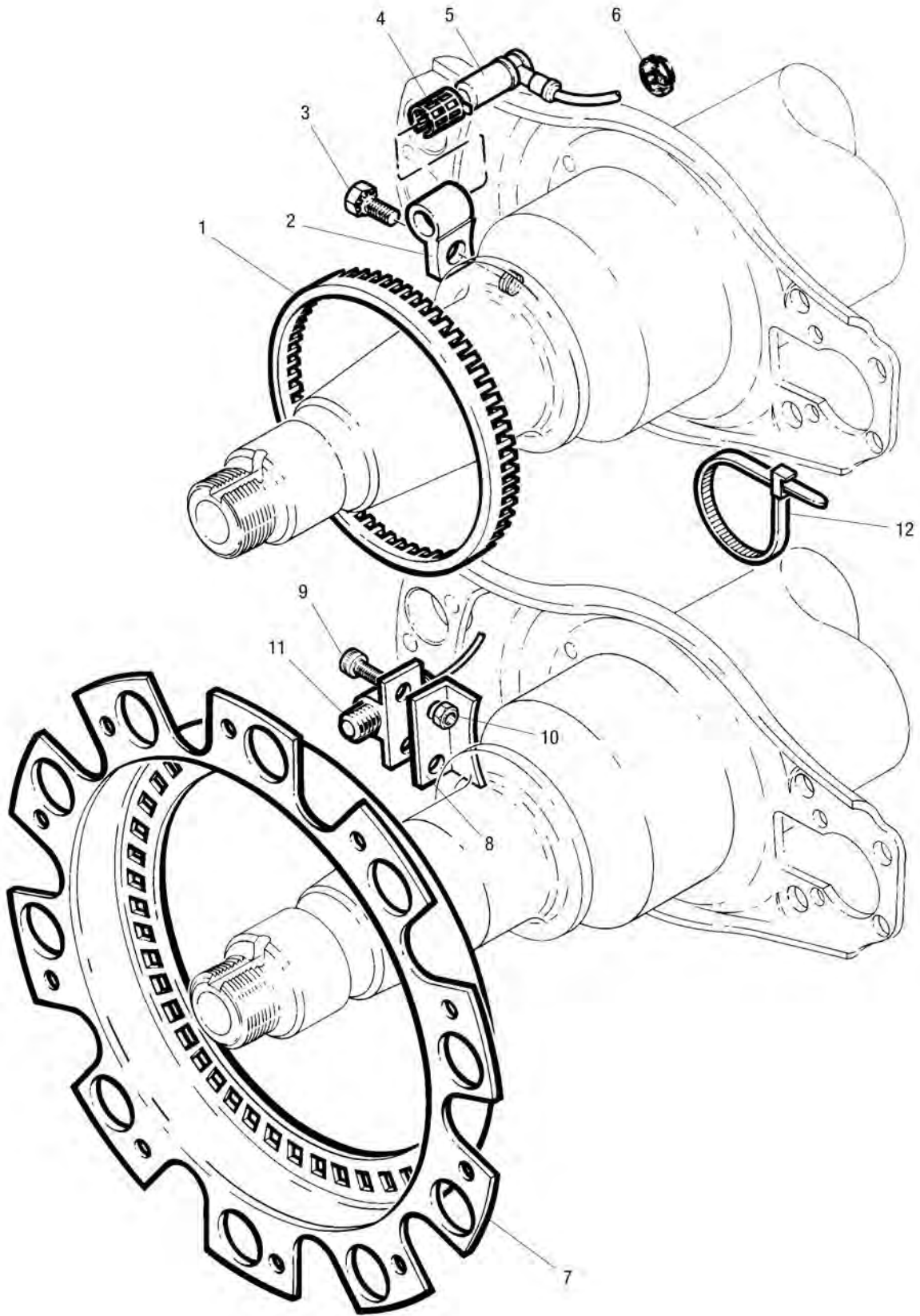
Service parts suitable for TA/TC ELSA2 diaphragm cylinder

Description	Type	Order no.	Order no.
		port alignment 45°	port alignment 135°
Membrane brake cylinder	14	7601 227 562	7601 227 563
Membrane brake cylinder	16	7600 001 184	7600 001 185
Membrane brake cylinder	18	7600 001 190	7600 001 191
Membrane brake cylinder	20	7601 228 284	7601 228 285
Membrane brake cylinder	27	7600 001 188	7600 001 189
Combination brake cylinder	14/24	2127 008 635	2127 008 636
Combination brake cylinder	16/24	7605 233 867	7601 227 569
Combination brake cylinder	18/24	7641 227 570	7604 123 182
Combination brake cylinder	20/24	7601 227 572	7601 227 573
Combination brake cylinder	22/24	7600 001 187	7960 001 396
Combination brake cylinder	24/24	7600 001 192	7600 001 193
Combination brake cylinder	27/30	7600 001 194	7600 001 195



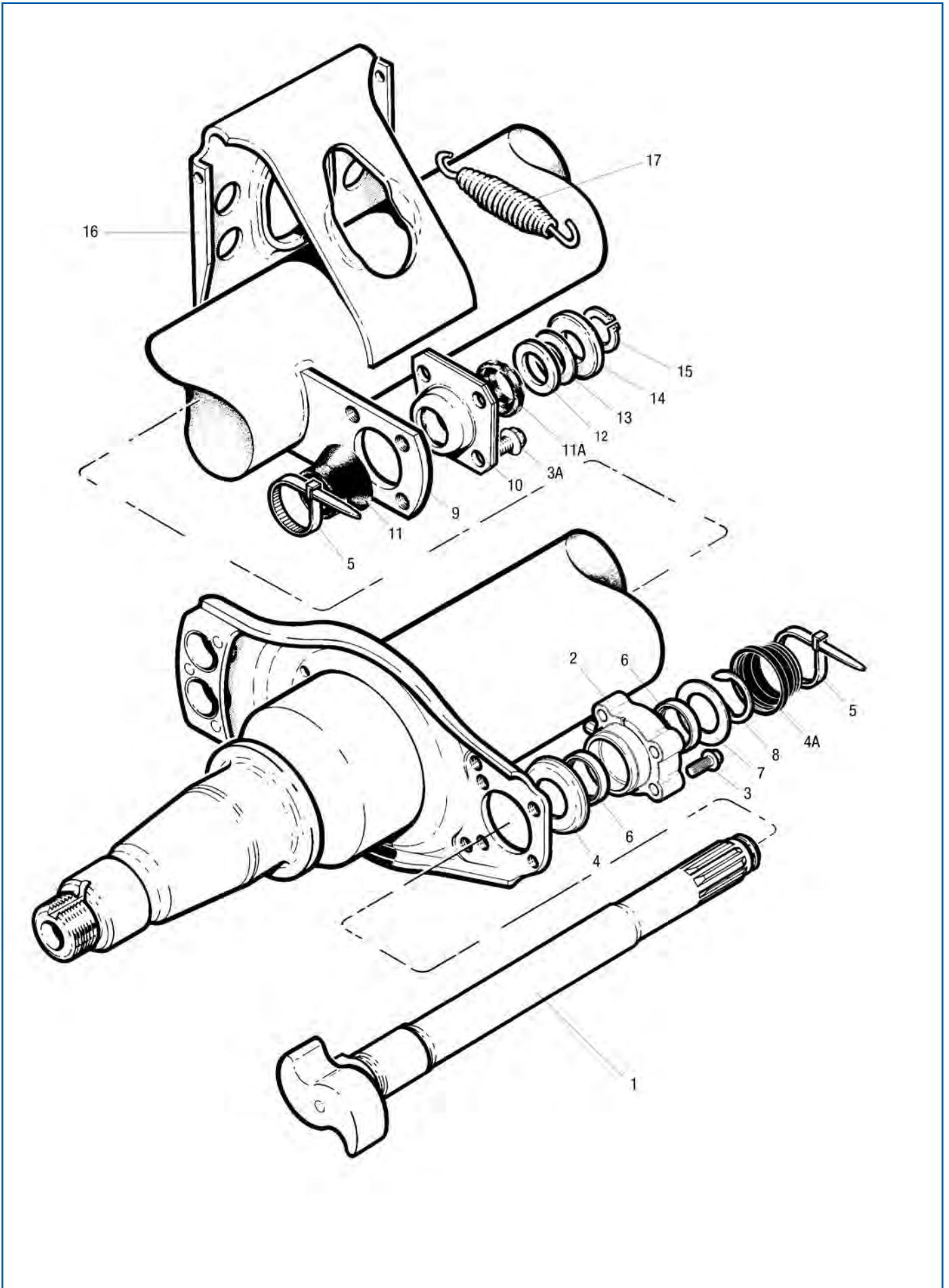
Service parts suitable for TC hub

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap		7621 226 038
4	Flat seal for wheel hub cover		7621 226 119
7	Oil seal for wheel hub		7600 000 474
8	Wheel hub for twin and single wheel		7614 226 120
8A	Wheel hub, only for twin wheel		7614 226 121
8B	Wheel hub, only single wheel		7614 226 493
9	Wheel nut set, standard open, for steel and aluminium wheel	M22 x 1,5/Spanner size 32 mm	7621 226 396
10	Wheel bolt set for steel and aluminium wheel		7621 226 340
10	Wheel bolt set for aluminium single wheel		7621 226 478
10	Wheel bolt set		7621 226 479
11	Attachment screw	M16 x 65	7621 225 100
12	Washer for securing wheel hub		7621 224 978



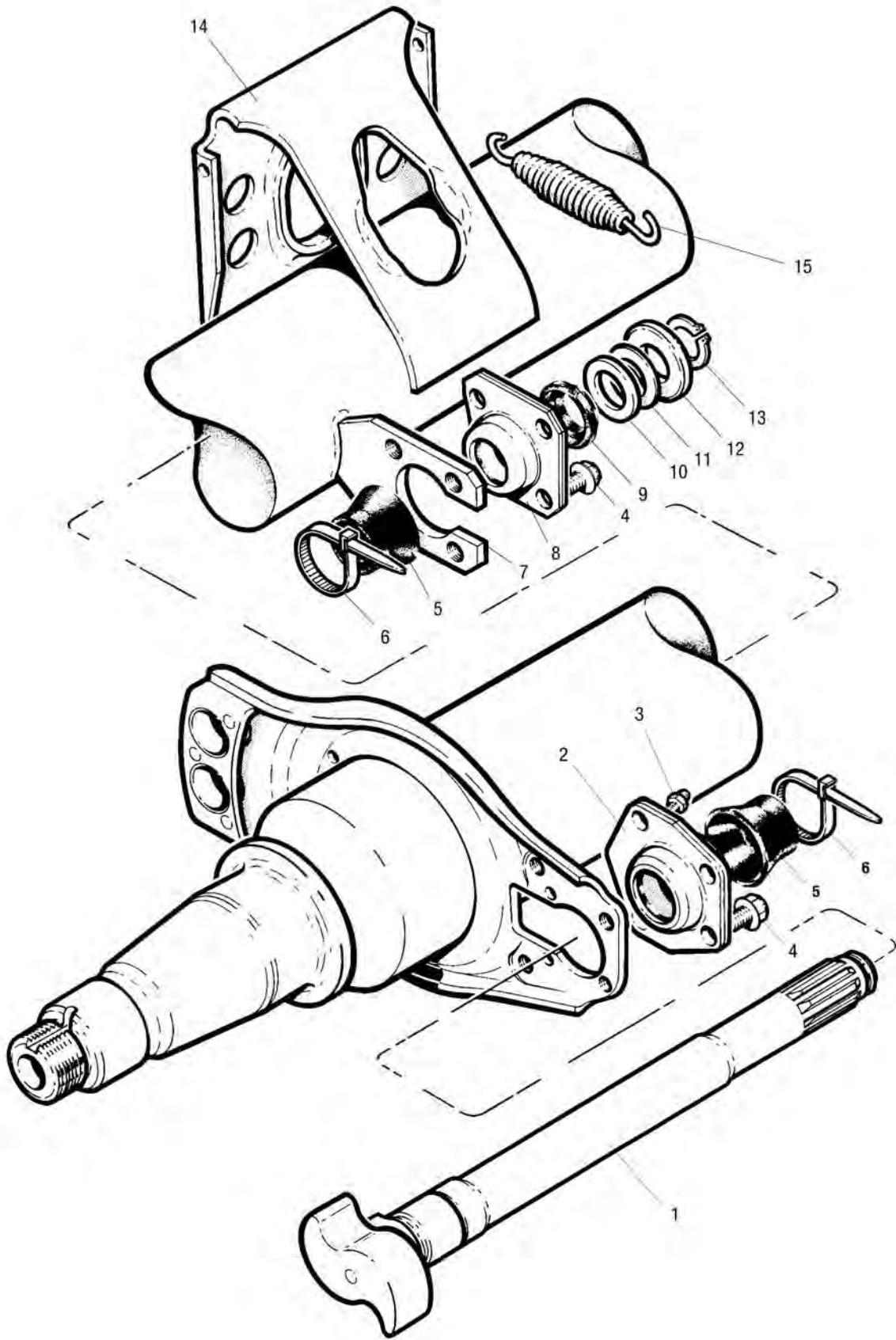
Service parts suitable for TE ABS

Fig.	Description	Order no.
1	ABS ring for ABS, Number of teeth 100	7600 000 968
2	Sensor bracket	7600 000 986
3	Attachment screw for brake disc	7600 001 009
4	Clamping sleeve for ABS rotational speed sensor	7600 000 877
5	Speed sensor for ABS	7600 000 615
6	Dust protection cap for drum brake, ABS with 60 teeth	7600 000 599
6	Dust protection cap for drum brake, ABS with 100 teeth	7600 000 616
8	Sensor bracket	7600 001 117
9	Attachment screw for sensor bracket	7600 000 850
10	Hexagon nut for sensor bracket	7600 000 851
12	Cable connector	7600 000 969



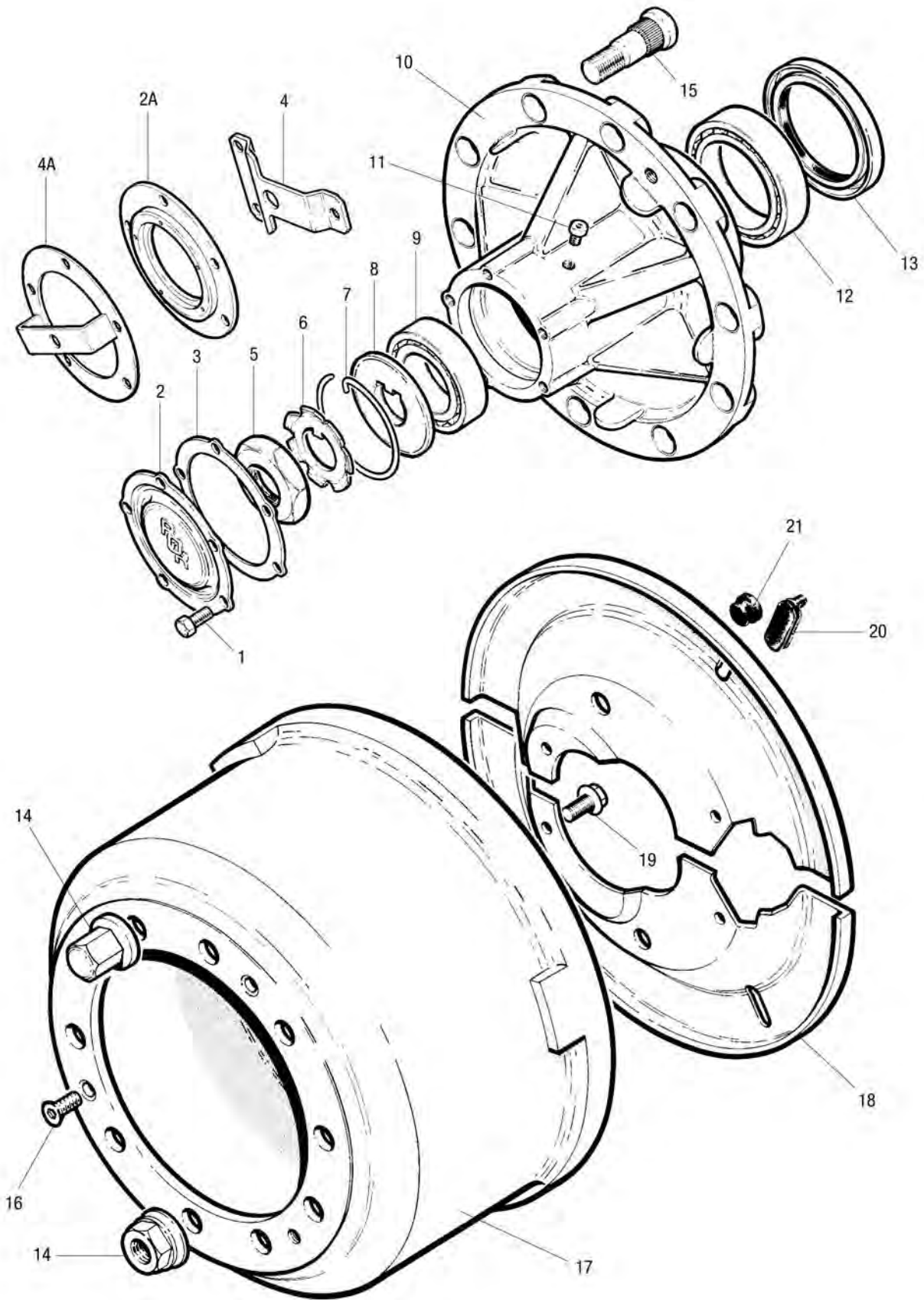
Service parts suitable for TE brake shaft from 01.04.2001

Fig.	Description	Dimensions	Order no.
1	Brake camshaft, right	(B) 525,5 mm	7621 227 109
1	Brake camshaft, left	(B) 525,5 mm	7621 227 110
1	Brake camshaft, right	(B) 587,5 mm	7621 227 107
1	Brake camshaft, left	(B) 587,5 mm	7621 227 108
3	Bolt, cam side		7609 546 002
5	Cable connector		7600 000 969
9	Brake camshaft holder		7600 000 752
10	Bearing bush		7600 000 402
11	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
11A	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
12	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
13	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
14	Safety plate		7600 000 953
15	Circlip	30 x 1,5 mm	7600 001 005
16	Brake cylinder console		7600 000 965
17	Reset spring	26 x 148 x 2,8 mm	6164 083 714



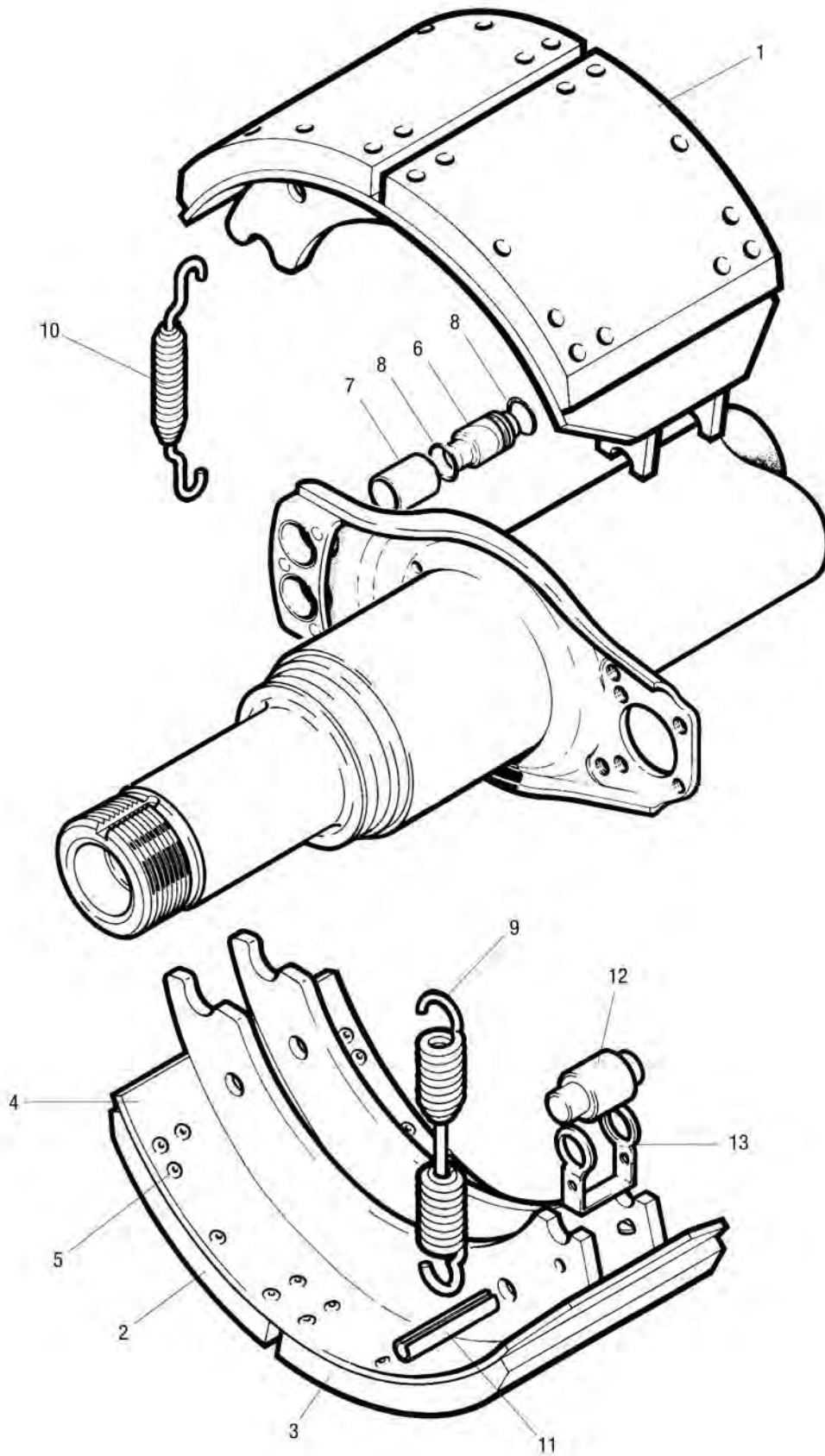
Service parts suitable for TE brake shaft to 31/03/2001

Fig.	Description	Dimensions	Order no.
1	Brake camshaft, right	(B) 525,5 mm	7600 000 970
1	Brake camshaft, left	(B) 525,5 mm	7600 000 971
1	Brake camshaft, right	(B) 587,5 mm	7600 000 977
1	Brake camshaft, left	(B) 587,5 mm	7600 000 978
2	Bearing shell for brake camshaft bearing	420 x 180/220 mm	7600 000 675
3	Lubricating nipple		7600 000 995
3	Lubricating nipple, 04/1997-		7600 001 123
4	Bolt for cover plate		7609 546 002
5	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
6	Cable connector		7600 000 969
7	Brake camshaft holder		7600 000 752
8	Bearing bush		7600 000 402
9	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
10	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
11	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
12	Safety plate		7600 000 953
13	Circlip	30 x 1,5 mm	7600 001 005
14	Brake cylinder console		7600 000 965
15	Reset spring	26 x 148 x 2,8 mm	6164 083 714



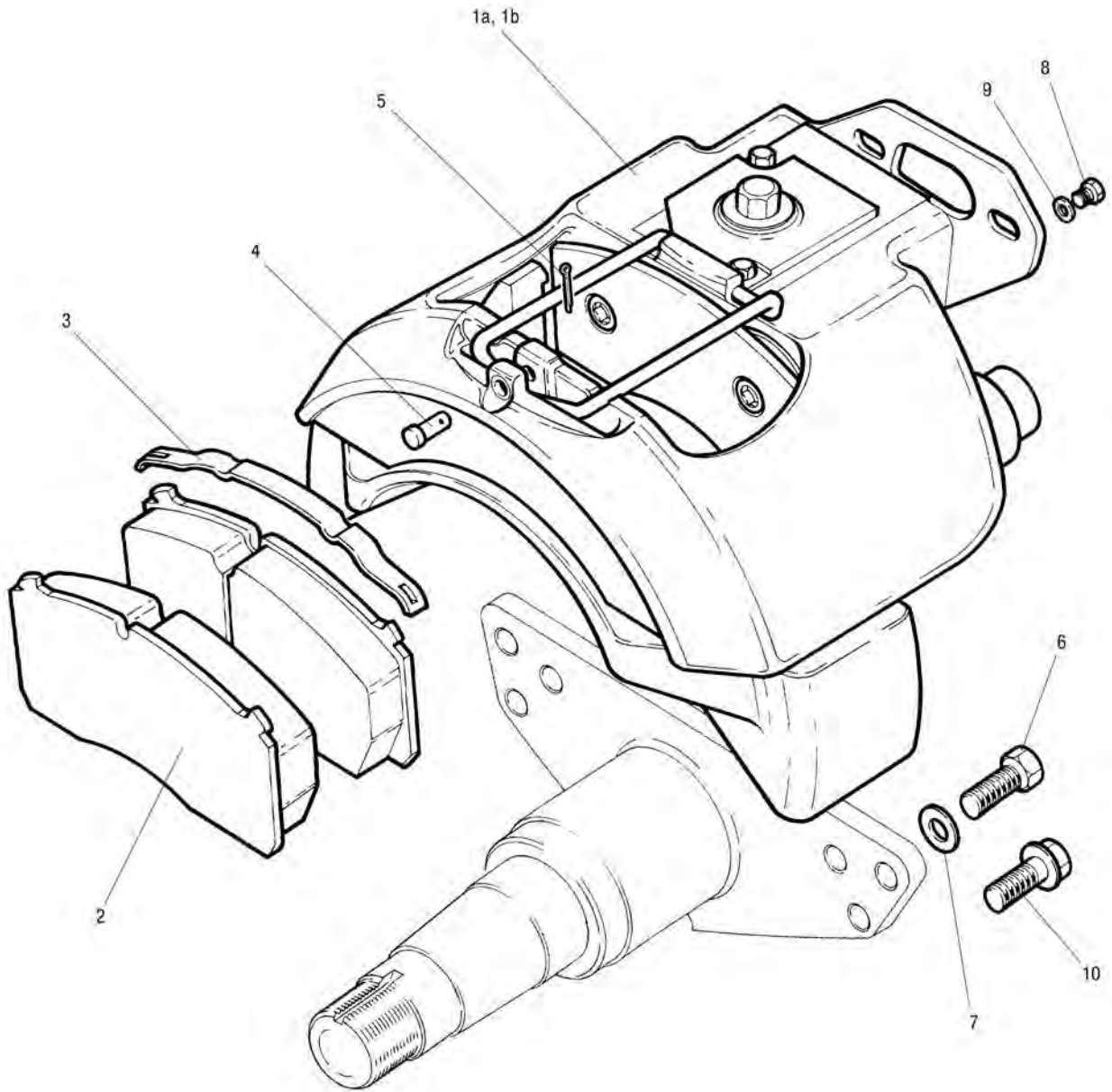
Service parts suitable for TE hub

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Dust cap		7600 000 960
2	Dust cap, Number of holes 5		7600 000 967
3	O-ring, suitable for dust cap		7600 000 614
4	Stroke odometer attachment for greasing		7621 222 610
6	Lock washer with lug	70 x 36,50 x 1,5 mm	7600 000 607
8	Fastening washer		7600 000 959
9	Wheel bearing, outside		7600 000 999
10	Wheel hub, 10 stud		7600 000 954
12	Wheel bearing, inside		7600 000 998
13	Shaft sealing ring for wheel hub		7600 000 606
14	Wheel nut set, standard open, for steel and aluminium wheel	M22 x 1,5/Spanner size 32 mm	7621 226 396
14	Wheel nut, end closed	M22 x 1,5/Spanner size 32 mm	7621 226 484
15	Wheel bolt for aluminium wheel	M22 x 1,5 x 80 mm	7600 000 956
15	Wheel bolt for aluminium wheel	M22 x 1,5 x 95 mm	7600 000 963
16	Attachment screw for brake disc		7600 001 009
17	Brake drum	419 x 238 x 10 x 24/2 x M12/2 x 14/90°/Brake path 192 mm	7600 000 600
18	Dust plate set, Pressed brake carrier, 07/1991-		7621 220 647
19	Bolt, cam side		7609 546 002
20	Stopper for inspection hole		7600 000 958
21	Plug for cover plate		7600 000 025



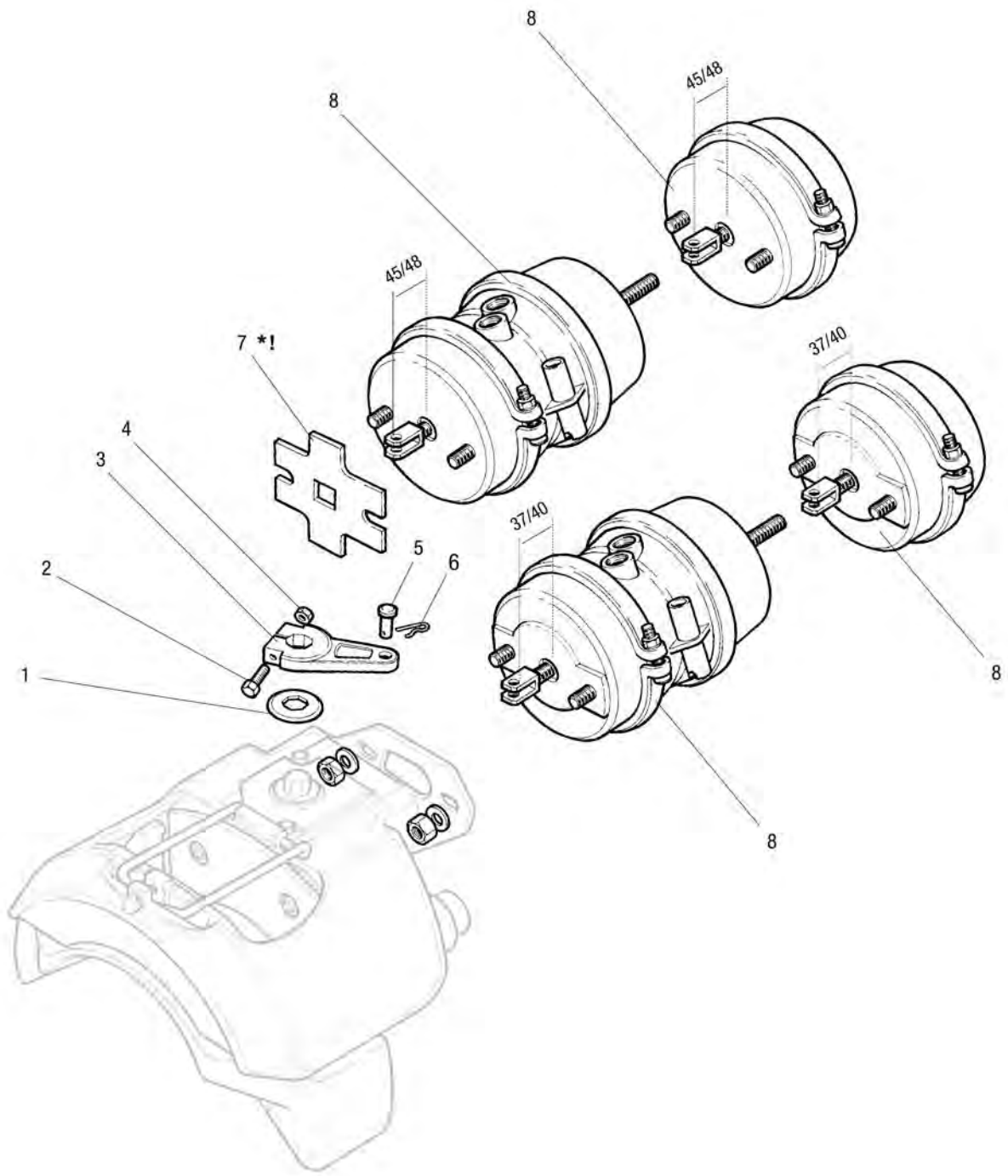
Service parts suitable for TE drum brake

Fig.	Description	Dimensions	Order no.
1	Brake shoe with lining	420 x 180 mm	7600 000 547
2-3	Brake lining set	420 x 180 mm	7600 003 049
4	Brake shoe without lining	420 x 180 mm	7600 000 666
5	Brake pad rivet, brass		7600 000 441
6	Spring dowel sleeve, DIN 1481	12,7 x 63 mm	7600 000 572
7	Reset spring	30 x 203 x 5 mm	7600 000 262
8	Retaining spring		7600 000 490
9	Brake cam roller	32 x 57 mm	7600 000 112
10	Safety hoop		7600 000 491
11	O-ring		7600 000 957
12	Brake shoe pin		7600 000 507



Service parts suitable for TM DX195 brake caliper

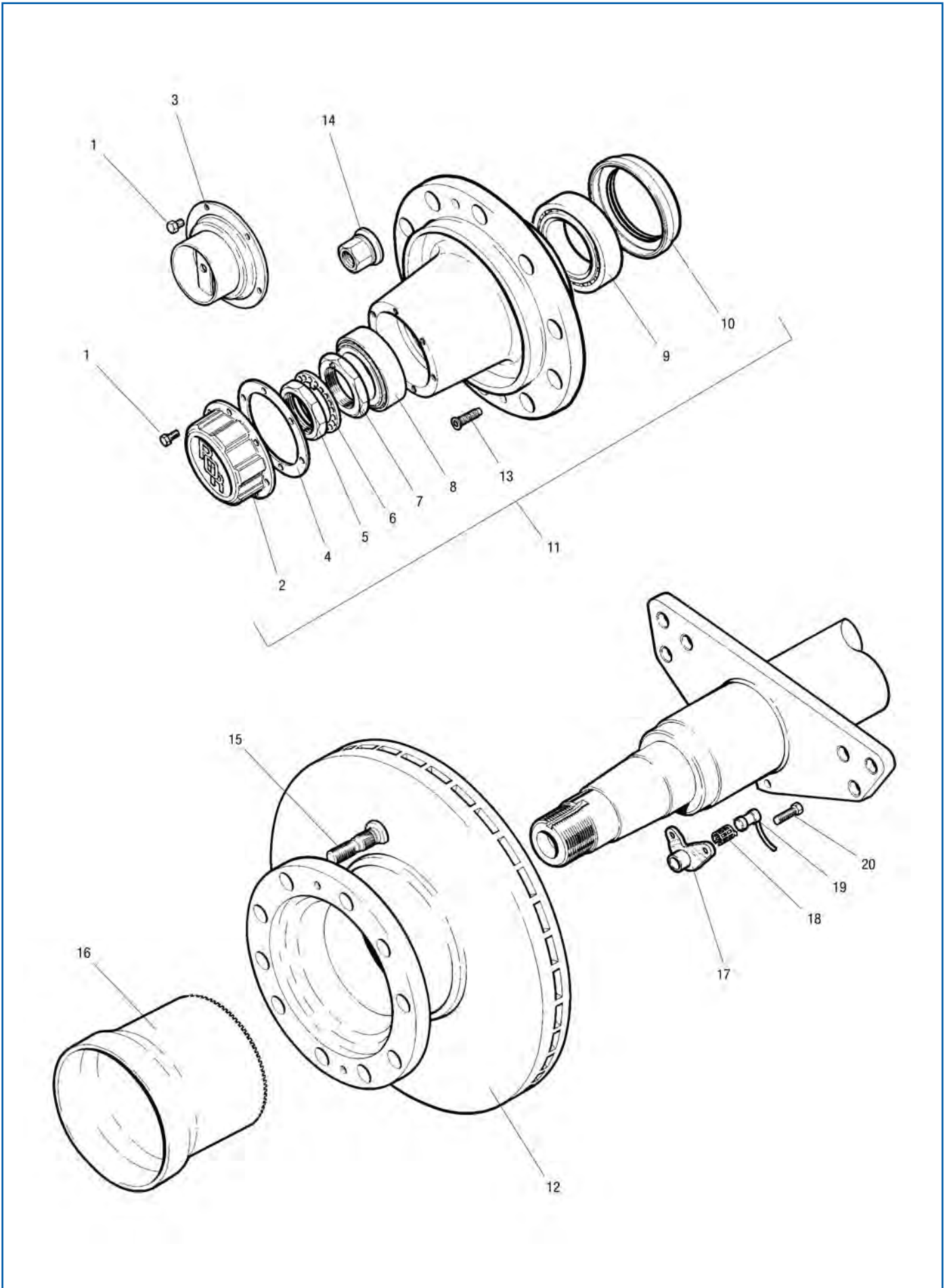
Fig.	Description	Dimensions	Order no.
1a	Brake caliper, left		7600 000 064
1b	Brake caliper, right		7600 000 065
2	Brake lining set		7600 000 050
7	Washer for securing wheel hub		7621 224 978
10	Screw set	M16 x 45, 12 piece	7621 227 146
	Brake pad retaining clamp		1509 015 578



Service parts suitable for TM DX195 diaphragm cylinder

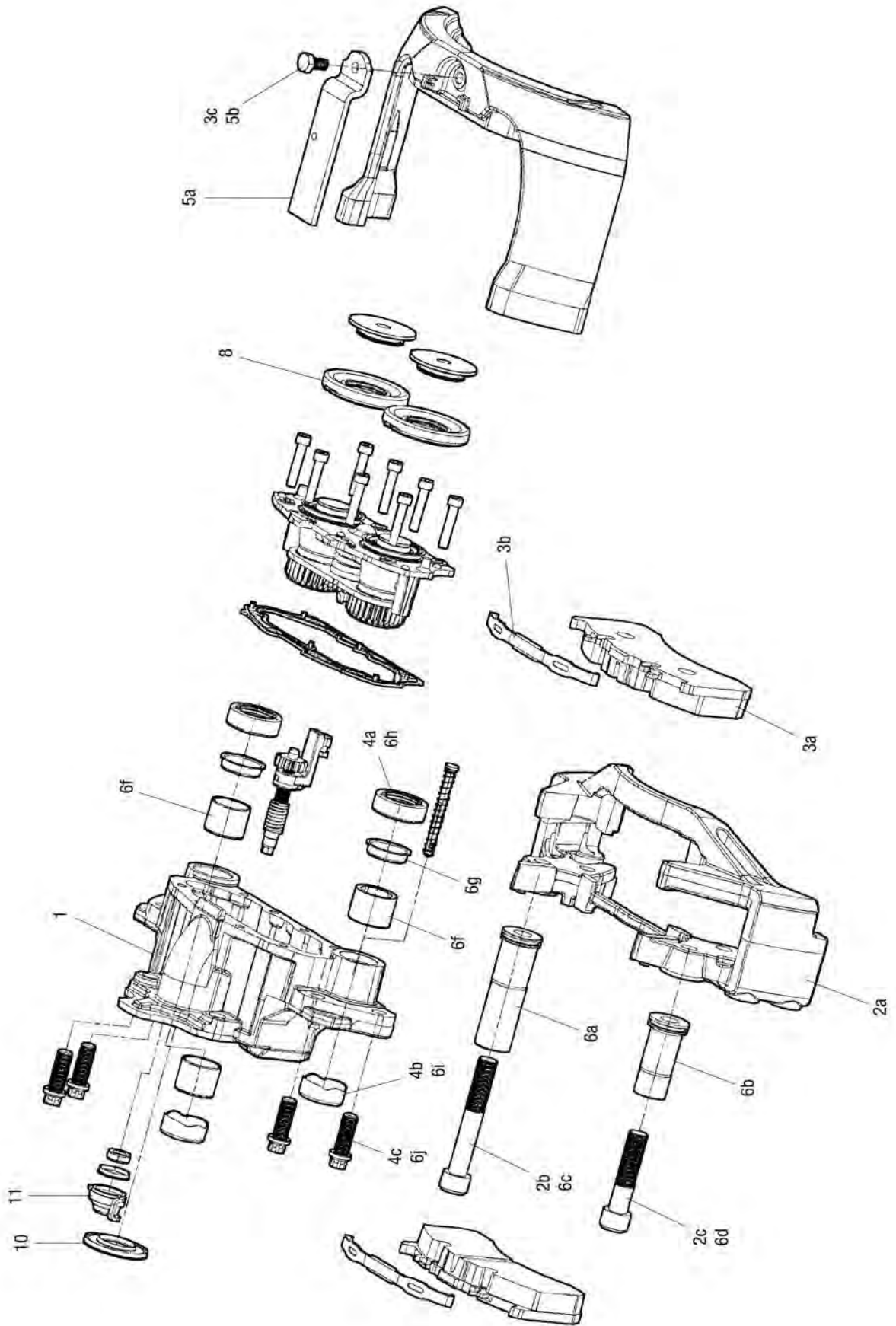
Fig.	Description	Dimensions	Order no.
1	Protective cap		7621 225 226
2	Clamping screw for brake chamber lever	M8 x 60	7600 001 249
3	Brake lever for brake calipers	Lever length 80 mm	7600 000 074
3	Brake lever for brake calipers	Lever length 90 mm	7600 000 075
4	Hexagon nut	M8	7600 001 269
5	Cotter bolt		7621 224 985
6	Security clamp for brake lever		7621 224 996

Fig.	Description	Order no.	Order no.
		installation length 45/48 mm	installation length 37/40 mm
8	Combination brake cylinder, 24/24	7600 000 073	7600 000 073
8	Combination brake cylinder, 22/24	7600 000 066	7600 000 066
8	Combination brake cylinder, 20/24	7600 000 067	7600 000 067
8	Combination brake cylinder, 18/24	7600 000 068	7600 000 068
8	Membrane brake cylinder, 22	7600 000 070	7600 000 070
8	Membrane brake cylinder, 20	7600 000 071	7600 000 071
8	Membrane brake cylinder, 18	7600 000 072	7600 001 163



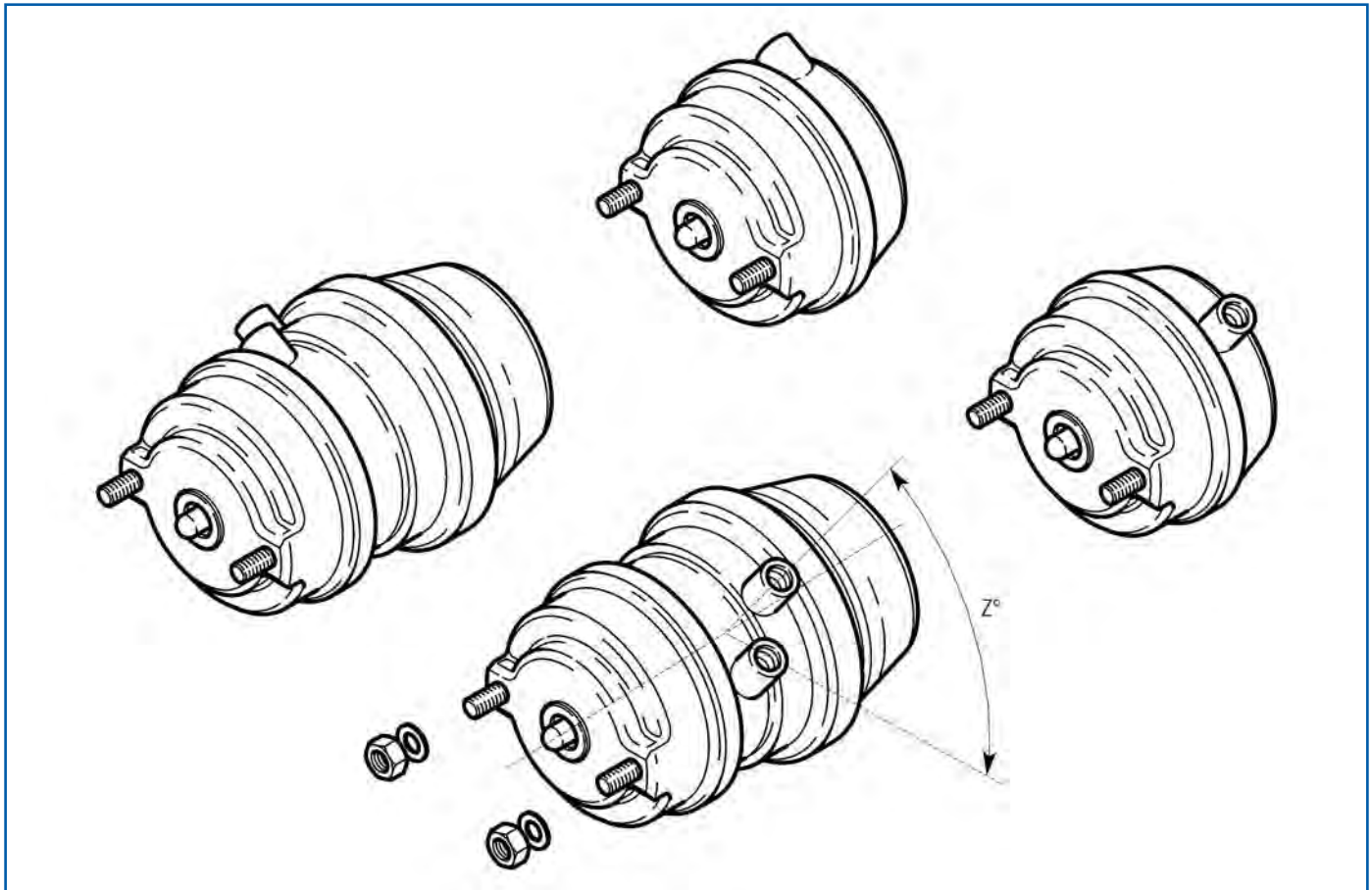
Service parts suitable for TM DX195 hub, brake disc, ABS

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 477
2	Wheel-hub cap, 6-hole		7600 000 300
3	Wheel-hub cap for hub odometer		7603 231 373
4	Flat seal		7600 000 420
5	Axle nut	M65 x 1,5 x 10 mm	7600 000 241
6	Hole disc	98 x 66 x 5,5 mm	7600 000 542
7	Setting nut		7600 000 475
8	Tapered roller bearing	120 x 65 x 41 mm	7600 000 400
9	Tapered roller bearing		7600 000 399
10	Oil seal for wheel hub		7600 000 474
11	Wheel hub		7614 224 262
12	Brake disc	378 x 225 x 45 x 8	7600 002 010
13	Attachment screw for brake disc		7600 001 009
14	Wheel nut set	M22 x 1,5/Spanner size 32 mm	7621 226 396
14	Wheel nut, end closed	M22 x 1,5/Spanner size 32 mm	7621 226 484
15	Wheel bolt, aluminium/steel double wheel		7601 224 957
16	ABS ring		7621 224 458
17	Sensor bracket, 06/2000-		7621 226 429
17A	Sensor bracket, rectangular		7600 001 058
18	Clamping sleeve for ABS rotational speed sensor	Length 32 mm	7600 000 877
19	Speed sensor for ABS		7600 000 615
20	Attachment screw for sensor bracket		7600 001 210



Service parts suitable for TM ELSA195 brake caliper

Fig.	Description	Dimensions	Order no.
1	Brake caliper, right, without lining		1509 015 495
1	Brake caliper, left, without lining		1509 015 500
2a-2c	Brake anchor plate		1509 015 510
3a-3c	Brake pad set	100 x 30,00 mm	2129 169 502
4a-4c	Gasket set for brake caliper guide (with grease)		1509 015 515
5a-5b	Brake pad hold-down kit		1509 015 415
6a-6j	Repair kit (with grease)		1509 015 520
8	Plunger plate set		1509 015 405
9	Wear contact set		7600 001 264
10	Sealing ring		1509 015 539
11	Dust sleeve for brake calipers		1509 015 538
12	Screw set for securing brake caliper (12 piece)	M18 x 50	7602 122 743



Service parts suitable for TM ELSA195 diaphragm cylinder

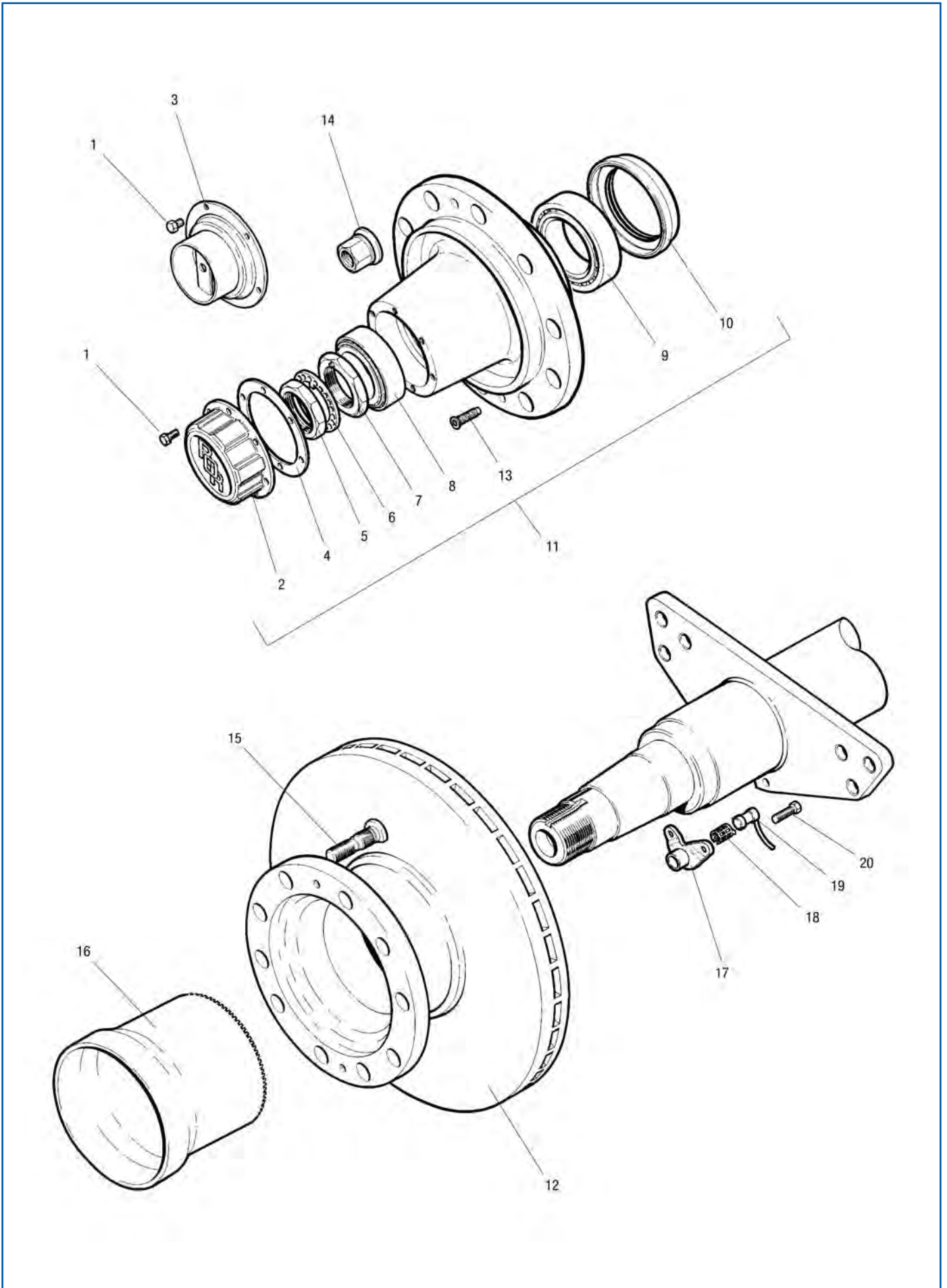
Description	Type	Order no.	
		port alignment 45°	port alignment 135°
Membrane brake cylinder	14	7600 001 165	7600 001 166
Membrane brake cylinder	16	7600 001 169	7600 001 170
Membrane brake cylinder	22	7600 001 196	7600 001 197
Membrane brake cylinder	24	7600 001 199	7600 001 200
Membrane brake cylinder	27	7601 226 822	7600 001 180
Combination brake cylinder	14/16	7600 001 167	7600 001 168
Combination brake cylinder	14/24	7604 122 679	7604 122 677
Combination brake cylinder	16/16	7600 001 171	7600 001 172
Combination brake cylinder	16/24	7600 001 173	7600 001 174
Combination brake cylinder	20/24	7604 122 681	7604 122 682
Combination brake cylinder	24/24	7601 229 271	7601 229 272
Combination brake cylinder	24/30	7600 001 178	7600 001 179
Combination brake cylinder	27/30	7600 001 181	7604 122 683
Combination brake cylinder	30/30	7600 001 182	7600 001 183



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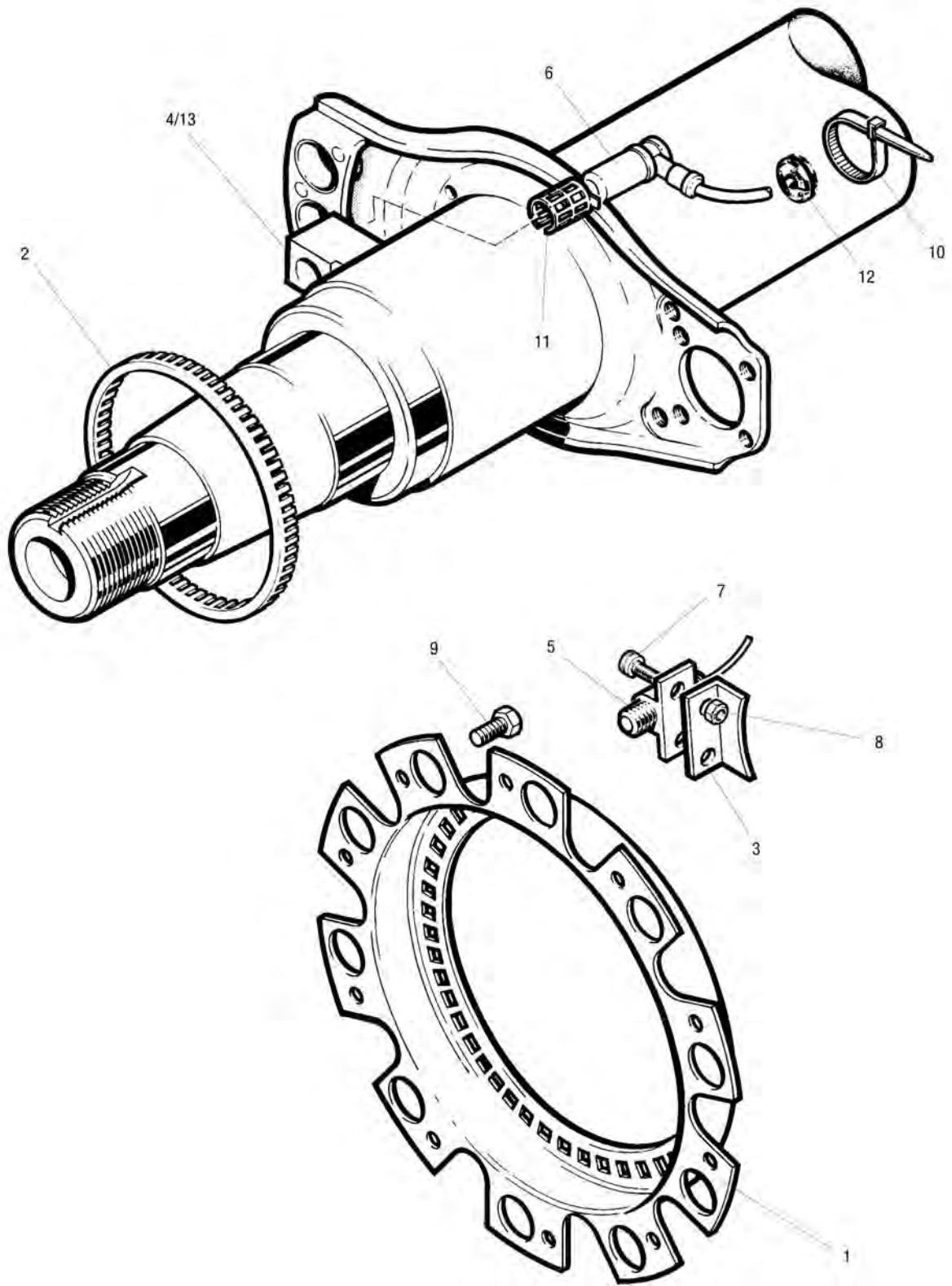
REINERT
LOGISTICS
CAMNEHL
UGBAU
GOODYEAR

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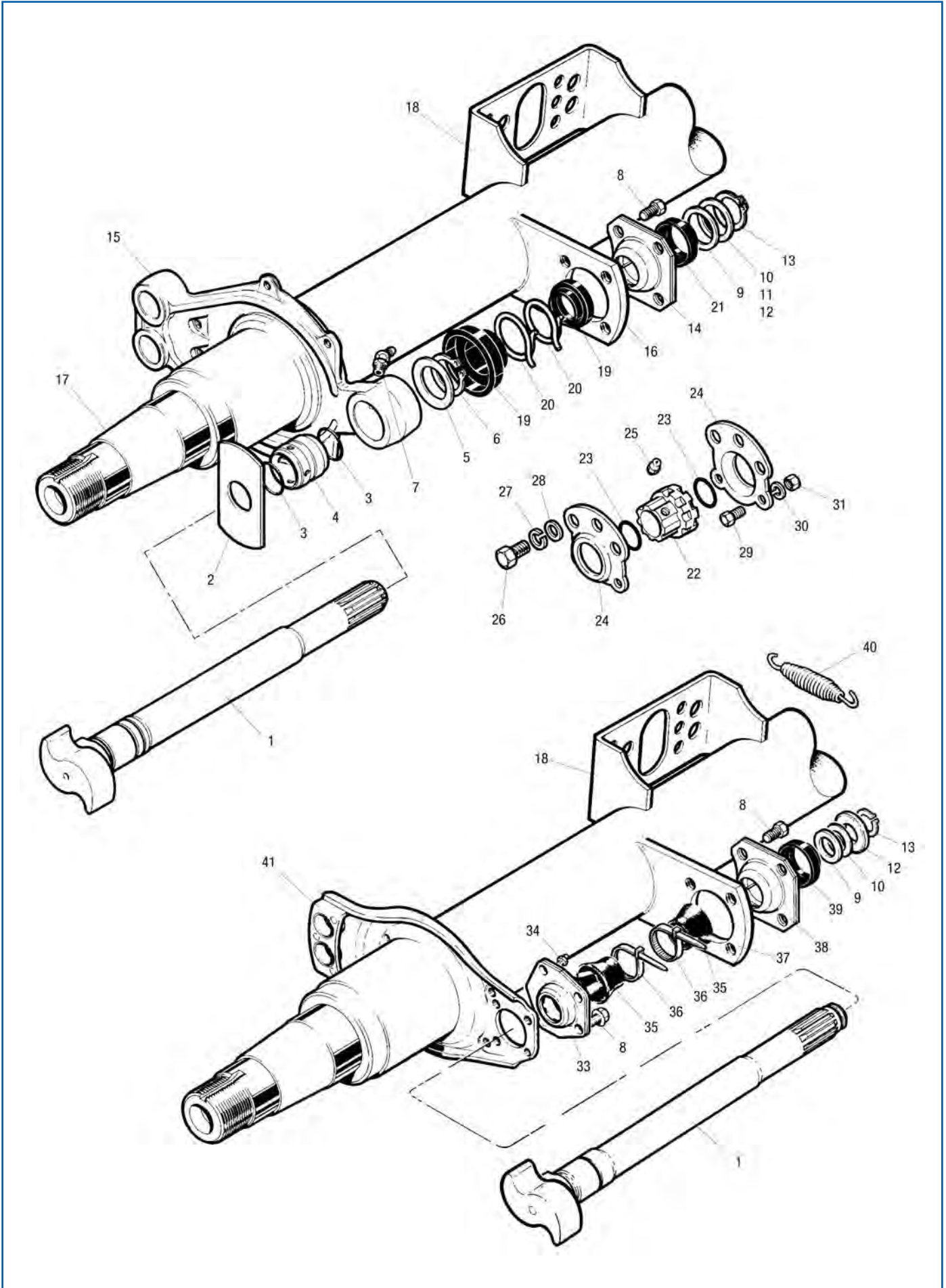
Service parts suitable for TM ELSA195 hub, brake disc, ABS

Fig.	Description	Dimensions	Order no.
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap, 6-hole		7600 000 300
3	Wheel-hub cap for hub odometer		7603 231 373
4	Flat seal		7600 000 420
5	Axle nut	M65 x 1,5 x 10 mm	7600 000 241
6	Hole disc	98 x 66 x 5,5 mm	7600 000 542
7	Setting nut		7600 000 475
8	Tapered roller bearing	120 x 65 x 41 mm	7600 000 400
9	Tapered roller bearing		7600 000 399
10	Oil seal for wheel hub		7600 000 474
11	Wheel hub		7614 224 262
12	Brake disc	378 x 225 x 45 x 8	7600 002 010
13	Attachment screw for brake disc		7600 001 009
14	Wheel nut set for drum and disc brake	M22 x 1,5/Spanner size 32 mm	7621 226 396
15	Wheel bolt, aluminium/steel double wheel		7601 224 957
16	ABS ring		7621 224 458
17	Sensor bracket		7600 001 162
18	Clamping sleeve for ABS rotational speed sensor	Length 32 mm	7600 000 877
19	Speed sensor for ABS		7600 000 615
20	Attachment screw for sensor bracket		7600 001 210



Service parts suitable for TM ABS

Fig.	Description	Order no.	Order no.	Order no.	Order no.
		AC 310 x 190 mm	B 350 x 200 mm	Q 420 x 180 mm	Z 420 x 220 mm
2	ABS ring	7600 001 056	7600 001 056	7600 001 049	7600 001 049
4	Sensor bracket	7600 001 058	7600 001 058	7600 001 058	7600 001 058
6	Speed sensor	7600 000 615	7600 000 615	7600 000 615	7600 000 615
7	Attachment screw	7600 000 850	7600 000 850	7600 000 850	7600 000 850
8	Hexagon nut	7600 000 851	7600 000 851	7600 000 851	7600 000 851
10	Cable connector	7600 000 969	7600 000 969	7600 000 969	7600 000 969
11	Clamping sleeve	7600 000 877	7600 000 877	7600 000 877	7600 000 877
12	Dust protection cap	7600 000 599	7600 000 599	7600 000 599	7600 000 599



Service parts

suitable for TM brake shaft/-bearing to 31.03.2001

Fig.	Description	Dimensions	Order no. AC 310 x 190 mm
2	Spacing plate		7600 000 785
3	O-ring, -03/2001	38 x 2,5 mm	7600 000 566
4	Bearing bush		7600 000 535
5	Spacer washer	60 x 42 x 1,3 mm	7600 000 786
6	Circlip	42 mm	7600 001 000
7	Lubricating nipple		7600 000 994
8	Bolt, cam side		7609 546 002
9	Spacer washer	57 x 39 x 1,75 mm	5024 421 167
10	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
11	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
12	Safety plate		7600 000 953
13	Circlip	30 x 1,5 mm	7600 001 005
13	Circlip	37 x 1,7 mm	7600 000 471
14	Bearing bush		7600 000 402
16/37	Brake camshaft holder		7600 001 105
18	Bracket for brake cylinder		7600 001 107
19	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
20	Cable connector		7600 000 969
21	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
22	Plastic bush		7600 000 019
23	O-ring	38 x 3,5 mm	7600 000 020
25	Lubricating nipple		7600 000 994
42	Slack adjuster		7600 000 573

Fig.	Description	Dimensions	Order no. B 350 x 200 mm
2	Spacing plate		7600 000 785
3	O-ring, -03/2001	38 x 2,5 mm	7600 000 566
4	Bearing bush		7600 000 535
5	Spacer washer	60 x 42 x 1,3 mm	7600 000 786
6	Circlip	42 mm	7600 001 000
7	Lubricating nipple		7600 001 204
8	Bolt, cam side		7609 546 002
9	Spacer washer	60 x 38,2 x 1,75 mm	7600 000 017
10	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
11	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
12	Safety plate		7600 000 953
13	Circlip	30 x 1,5 mm	7600 001 005
13	Circlip	37 x 1,7 mm	7600 000 471
14	Bearing bush		7600 000 402
16/37	Brake camshaft holder		7600 001 112
18	Bracket		7600 000 781
19	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
20	Cable connector		7600 000 969
21	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
22	Plastic bush		7600 000 019
42	Slack adjuster		7600 000 573

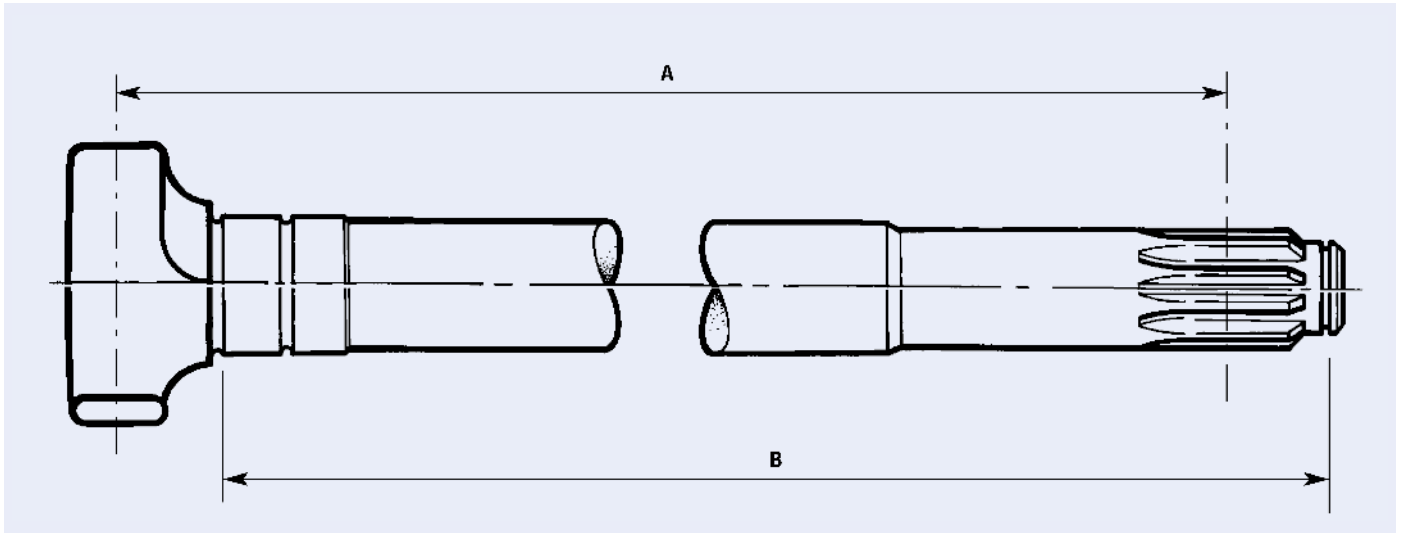
Service parts suitable for TM brake shaft/-bearing to 31.03.2001

Fig.	Description	Dimensions	Order no.
			Q 420 x 180 mm
2	Spacing plate		7600 000 785
3	O-ring, -03/2001	38 x 2,5 mm	7600 000 566
4	Bearing bush		7600 000 535
5	Spacer washer	60 x 42 x 1,3 mm	7600 000 786
6	Circlip	42 mm	7600 001 000
7	Lubricating nipple		7600 001 204
8	Bolt, cam side		7609 546 002
9	Spacer washer	57 x 39 x 1,75 mm	5024 421 167
10	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
11	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
12	Safety plate		7600 000 953
13	Circlip	30 x 1,5 mm	7600 001 005
13	Circlip	37 x 1,7 mm	7600 000 471
14	Bearing bush		7600 000 402
16/37	Brake camshaft holder		7600 000 752
18	Bracket		7600 000 781
19	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
20	Cable connector		7600 000 969
21	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
23	O-ring	38 x 3,5 mm	7600 000 020
25	Lubricating nipple		7600 000 994
33	Bearing shell for brake camshaft bearing	420 x 180/220 mm	7600 000 675
34	Lubricating nipple		7600 000 995
34	Lubricating nipple, 04/1997-		7600 001 123
35	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
36	Cable connector		7600 000 969
38	Bearing bush		7600 000 402
39	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
40	Reset spring	26 x 148 x 2,8 mm	6164 083 714
42	Slack adjuster		7600 000 573

Fig.	Description	Dimensions	Order no.
			Z 420 x 220 mm
2	Spacing plate		7600 000 785
3	O-ring, -03/2001	38 x 2,5 mm	7600 000 566
4	Bearing bush		7600 000 535
5	Spacer washer	60 x 42 x 1,3 mm	7600 000 786
6	Circlip	42 mm	7600 001 000
7	Lubricating nipple		7600 001 204
8	Bolt, cam side		7609 546 002
9	Spacer washer	57 x 39 x 1,75 mm	5024 421 167
10	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
11	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
12	Safety plate		7600 000 953
13	Circlip	30 x 1,5 mm	7600 001 005
13	Circlip	37 x 1,7 mm	7600 000 471
14	Bearing bush		7600 000 402

Fig.	Description	Dimensions	Order no.
			Z 420 x 220 mm
16/37	Brake camshaft holder		7600 000 752
18	Bracket		7600 000 781
19	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
20	Cable connector		7600 000 969
21	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
22	Plastic bush		7600 000 019
23	O-ring	38 x 3,5 mm	7600 000 020
25	Lubricating nipple		7600 000 994
33	Bearing shell for brake camshaft bearing	420 x 180/220 mm	7600 000 675
34	Lubricating nipple		7600 000 995
34	Lubricating nipple, 04/1997-		7600 001 123
35	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
36	Cable connector		7600 000 969
38	Bearing bush		7600 000 402
39	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
40	Reset spring	26 x 148 x 2,8 mm	6164 083 714
42	Slack adjuster		7600 000 573

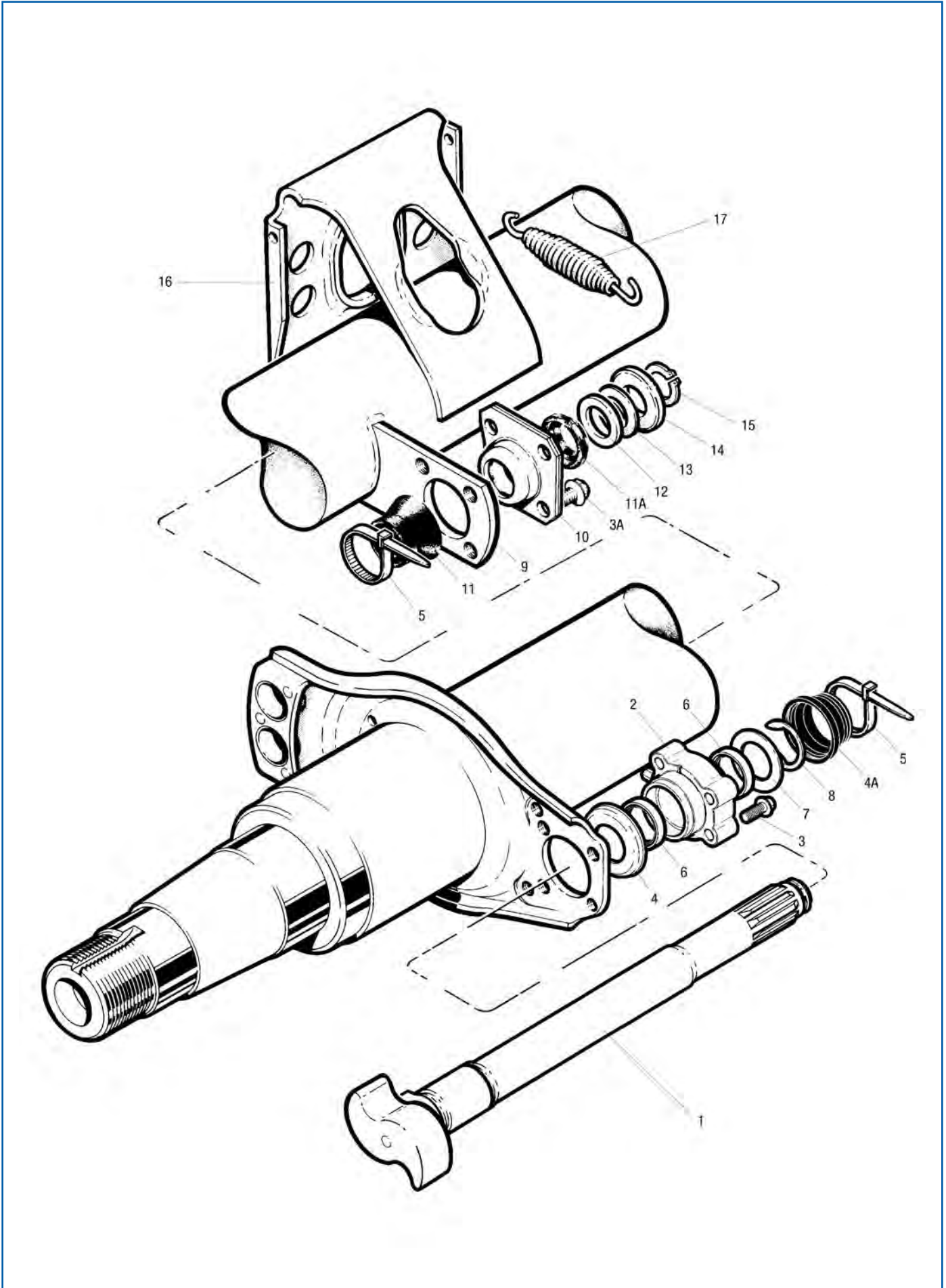
Fig.	Description	Dimensions	Order no.
			33000 420 x 220 mm
2	Spacing plate		7600 000 785
3	O-ring, -03/2001	38 x 2,5 mm	7600 000 566
4	Bearing bush		7600 000 535
5	Spacer washer	60 x 42 x 1,3 mm	7600 000 786
6	Circlip	42 mm	7600 001 000
7	Lubricating nipple		7600 001 204
8	Bolt for cover plate		7609 546 002
9	Spacer washer	57 x 39 x 1,75 mm	5024 421 167
10	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
11	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
12	Safety plate		7600 000 953
13	Circlip	30 x 1,5 mm	7600 001 005
13	Circlip	37 x 1,7 mm	7600 000 471
14	Bearing bush		7600 000 402
19	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
20	Cable connector		7600 000 969
21	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
42	Slack adjuster		7600 000 573



Brake camshaft

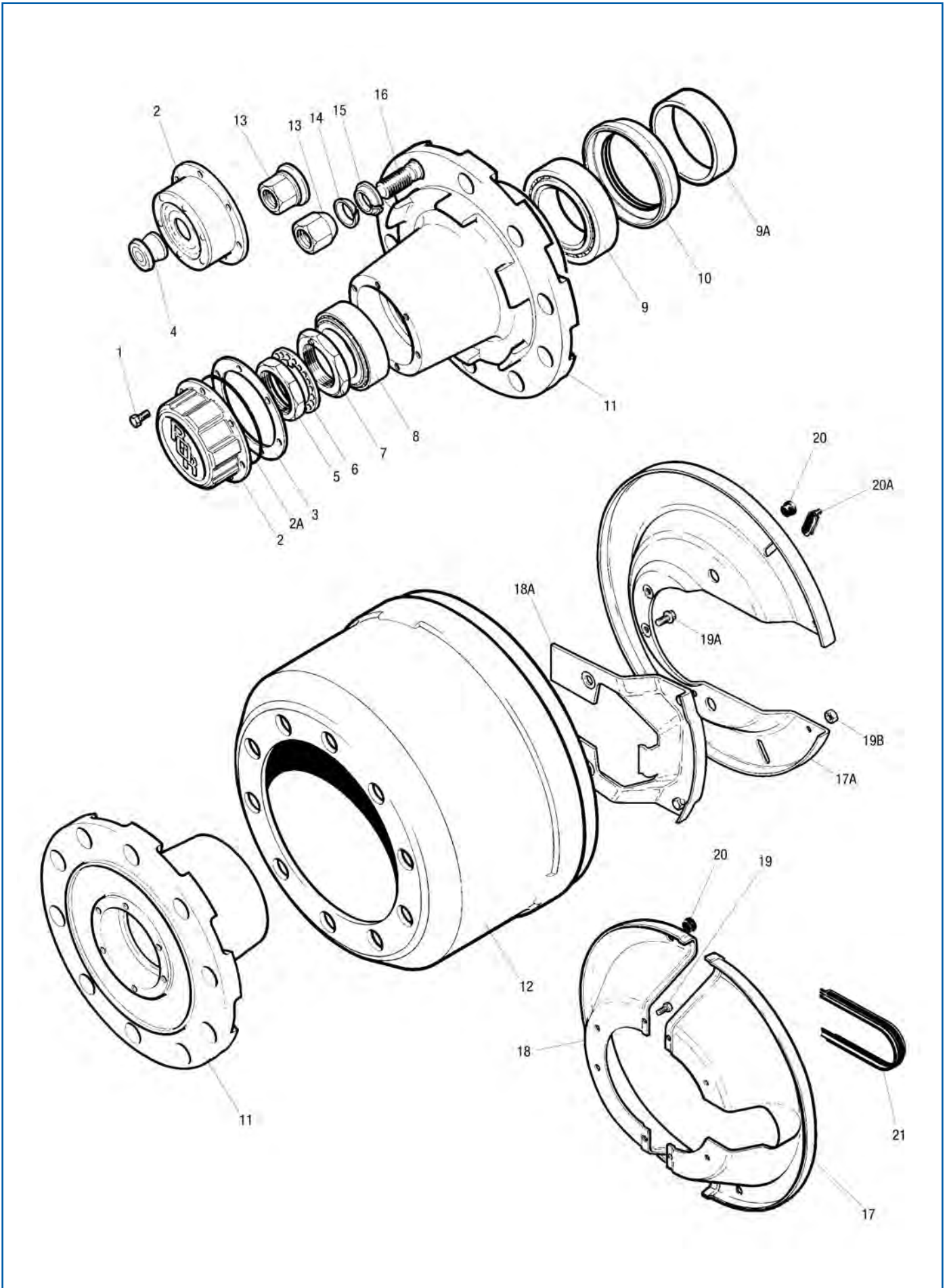
A	B	Order no.	
		left	right
229,9 mm	232,4 mm	7600 001 138	7600 001 139
253,5 mm	258 mm	7600 001 136	7600 001 137
412,2 mm	416,7 mm	7600 001 132	7600 001 133
475,7 mm	480,2 mm	7600 001 130	7600 001 131
521 mm	525,5 mm	7600 000 353	7600 000 352
544,5 mm	549 mm	7621 224 853	7621 224 854
583 mm	587,5 mm	7600 000 351	7600 000 350
605,5 mm	610 mm	7600 001 128	7600 001 129
622,5 mm	627 mm	7600 001 126	7600 001 127
632,5 mm	637 mm	7600 001 124	7600 001 125
658,8 mm	663,3 mm	7600 001 140	7600 001 141





Service parts suitable for TM brake shaft/-bearing from 01.04.2001

Fig.	Description	Dimensions	Order no.
3	Bolt for cover plate		7609 546 002
5	Cable connector		7600 000 969
9	Brake camshaft holder		7600 000 752
10	Bearing bush		7600 000 402
11	Dust protection cap, inner, keyway side	60 x 36,5 mm	7600 000 796
11A	Dust protection cap, outer, keyway side	52 x 36,5 mm	7600 000 807
12	Spacer	50,5 x 39,5 x 0,75 mm	7600 000 719
13	Spacer	50,5 x 39,5 x 2 mm	7600 000 721
14	Safety plate		7600 000 953
15	Circlip	30 x 1,5 mm	7600 001 005
16	Bracket		7600 000 781
17	Reset spring	26 x 148 x 2,8 mm	6164 083 714



Service parts suitable for TM hub, drum

Fig.	Description	Dimensions	Order no.
			AC 310 x 190 mm
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap for greasing		7600 000 300
2	Wheel-hub cap for greasing (Hubodometer)		7603 231 373
3	Flat seal for greasing		7670 000 533
3	Flat seal for oil lubrication		7600 000 420
5	Axle nut	M65 x 1,5 x 10 mm	7600 000 241
6	Hole disc	98 x 66 x 5,5 mm	7600 000 542
7	Setting nut		7600 000 475
8	Tapered roller bearing, outside	120 x 65 x 41 mm	7600 000 400
9	Tapered roller bearing, inside		7600 000 399
10	Oil seal for wheel hub		7600 000 474
11	Wheel hub, Number of holes 8, studs, hub-centred		7600 003 024
11	Wheel hub, Number of holes 10, studs, hub-centred		7600 000 123
12	Brake drum, Number of holes 8		7600 001 256
12	Brake drum, Number of holes 10		7600 000 434
13	Wheel nut set, standard open, for steel and aluminium wheel	M22 x 1,5/Spanner size 32 mm	7621 226 396
13	Wheel nut, stud centered	M22 x 1,5	7600 000 092
14	Retainer ring, outside, stud centered		7600 000 093
15	Retainer ring, inside, BSF		7600 000 780
15	Retainer ring, inside, stud centered		7600 000 209
16	Wheel bolt, steel twin wheel and aluminium single wheel	M22 x 1,5, Length 98 mm	7600 000 418
16	Wheel bolt, steel single wheel	M22 x 1,5, Length 96 mm	7600 000 119
16	Wheel bolt set, aluminium wheel and twin wheel	M22 x 1,5	7600 003 025
17/18	Dust plate set		7600 000 493
19	Bolt		7600 064 511
20	Plug		7600 000 025

BSF = British Standard Fine thread

Service parts suitable for TM hub, drum

Fig.	Description	Dimensions	Order no. B 350 x 200
1	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap for greasing		7600 000 300
2	Wheel-hub cap for greasing (Hubodometer)		7603 231 373
3	Flat seal for greasing		7670 000 533
3	Flat seal for oil lubrication		7600 000 420
5	Axle nut	M65 x 1,5 x 10 mm	7600 000 241
6	Hole disc	98 x 66 x 5,5 mm	7600 000 542
7	Setting nut		7600 000 475
8	Tapered roller bearing, outside	120 x 65 x 41 mm	7600 000 400
9	Tapered roller bearing, inside		7600 000 399
10	Oil seal for wheel hub		7600 000 474
11	Wheel hub, Number of holes 8, studs, hub-centred		7600 003 024
11	Wheel hub, Number of holes 10, studs, hub-centred		7600 000 123
12	Brake drum, Number of holes 8		7600 003 020
12	Brake drum, Number of holes 10		7600 000 576
13	Wheel nut set, standard open, for steel and aluminium wheel	M22 x 1,5/Spanner size 32 mm	7621 226 396
16	Wheel bolt, steel twin wheel and aluminium single wheel	M22 x 1,5, Length 98 mm	7600 000 418
16	Wheel bolt, steel single wheel	M22 x 1,5, Length 96 mm	7600 000 119
16	Wheel bolt set, aluminium wheel and twin wheel	M22 x 1,5	7600 003 025
17/18	Cover plate kit		7621 209 756
19	Bolt		7600 064 511
20	Plug		7600 000 025
21	Dust sleeve		7600 001 115

Service parts suitable for TM hub, drum

Fig.	Description	Dimensions	Order no.
			Q 420 x 180 mm
1/19	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap for greasing		7600 000 300
2	Wheel-hub cap for greasing (Hubodometer)		7603 231 373
2A	O-ring for aluminium wheel hub		7603 233 423
3	Flat seal for greasing		7670 000 533
3	Flat seal		7600 000 420
5	Axle nut	M65 x 1,5 x 10 mm	7600 000 241
6	Hole disc	98 x 66 x 5,5 mm	7600 000 542
7	Setting nut		7600 000 475
8	Tapered roller bearing, outside	120 x 65 x 41 mm	7600 000 400
9	Tapered roller bearing, inside		7600 000 399
10	Oil seal for wheel hub		7600 000 474
11	Wheel hub, Number of holes 8, studs, hub-centred		7600 003 024
11	Wheel hub, Number of holes 10, studs, hub-centred		7600 000 321
11	Wheel hub, Number of holes 10, studs, hub-centred (stepped)		7600 210 885
12	Brake drum (QE), Number of holes 10	419 x 238 x 10 x 24/2 x M12/2 x 14/90°/Brake path 192 mm	7600 000 600
13	Wheel nut set, standard open, for steel and aluminium wheel	M22 x 1,5/Spanner size 32 mm	7621 226 396
13	Wheel nut, stud centered	M22 x 1,5	7600 000 092
14	Retainer ring, outside, stud centered		7600 000 093
15	Retainer ring, inside, BSF		7600 000 780
16	Retainer ring, inside, stud centered		7600 000 209
16	Wheel bolt, steel twin wheel and aluminium single wheel	M22 x 1,5, Length 98 mm	7600 000 418
16	Wheel bolt, steel single wheel	M22 x 1,5, Length 96 mm	7600 000 119
16	Wheel bolt set, aluminium wheel and twin wheel	M22 x 1,5	7600 003 025
17	Dust plate set, cast brake carrier		7600 000 002
17	Dust plate set, Pressed brake carrier, 07/1991-		7621 220 647
17A	Dust plate, large, 08/1997-		7600 001 150
18A	Dust plate, small, 08/1997-		7600 001 145
18A	Dust plate, small, 04/2001-		7615 225 842
19A	Bolt		7609 546 002
19B	Hexagon nut	M8	7600 000 343
20	Plug		7600 000 025
20A	Stopper		7600 000 958
21	Seal		7600 001 016

BSF = British Standard Fine thread

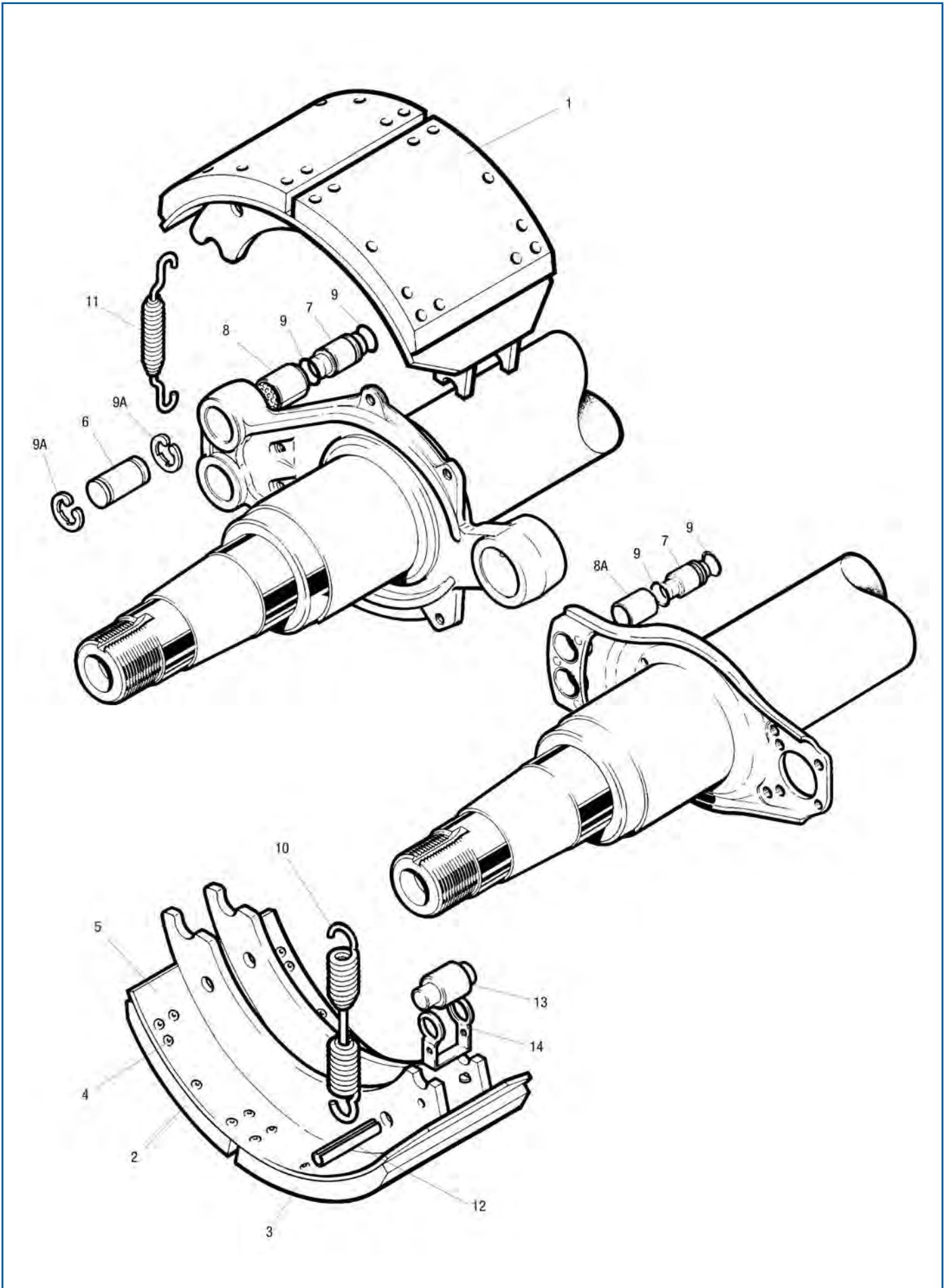
Service parts suitable for TM hub, drum

Fig.	Description	Dimensions	Order no. Z 420 x 220 mm
1/19	Bolt for wheel hub cap	M8 x 16	7600 000 334
2	Wheel-hub cap for greasing		7600 000 300
2	Wheel-hub cap for greasing (Hubodometer)		7603 231 373
2A	O-ring for aluminium wheel hub		7603 233 423
3	Flat seal for greasing		7670 000 533
3	Flat seal for oil lubrication		7600 000 420
5	Axle nut	M65 x 1,5 x 10 mm	7600 000 241
6	Hole disc	98 x 66 x 5,5 mm	7600 000 542
7	Setting nut		7600 000 475
8	Tapered roller bearing, outside	120 x 65 x 41 mm	7600 000 400
9	Tapered roller bearing, inside		7600 000 399
10	Oil seal for wheel hub		7600 000 474
11	Wheel hub, Number of holes 10, studs, hub-centred		7600 000 321
13	Wheel nut set, standard open, for steel and aluminium wheel	M22 x 1,5/Spanner size 32 mm	7621 226 396
13	Wheel nut, stud centered	M22 x 1,5	7600 000 092
14	Retainer ring, outside, stud centered		7600 000 093
15	Retainer ring, inside, stud centered		7600 000 209
16	Wheel bolt, steel twin wheel and aluminium single wheel	M22 x 1,5, Length 98 mm	7600 000 418
16	Wheel bolt, steel single wheel	M22 x 1,5, Length 96 mm	7600 000 119
16	Wheel bolt set, aluminium wheel and twin wheel	M22 x 1,5	7600 003 025
17/18	Dust plate set, cast brake carrier		7600 000 292
17/18	Dust plate set	Brake dimension Z 420 x 220 mm	7600 001 032
19A	Bolt		7609 546 002
20	Plug		7600 000 025
20A	Stopper		7600 000 958
21	Seal		7600 001 016

Service parts suitable for TM hub, drum

Fig.	Description	Dimensions	Order no. 33000 420 x 220 mm
1/19	Bolt for wheel hub cap	M8 x 16	7600 000 334
3	Flat seal for greasing		7602 101 489
5	Axle nut		7602 101 499
6	Hole disc		7621 014 992
8	Wheel bearing, outside		7600 015 216
9	Wheel bearing, inside		7600 015 217
9A	Spacer ring		7603 231 484
10	Shaft sealing ring		7699 042 026
13	Wheel nut set, standard open, for steel and aluminium wheel	M22 x 1,5/Spanner size 32 mm	7621 226 396
13	Wheel nut, stud centered	M22 x 1,5	7600 000 092
14	Retainer ring, outside, stud centered		7600 000 093
15	Retainer ring, inside, BSF		7600 000 780
15	Retainer ring, inside, stud centered		7600 000 209
16	Wheel bolt, steel twin wheel and aluminium single wheel	M22 x 1,5, Length 98 mm	7600 000 418
17/18	Dust plate set, cast brake carrier		7600 000 292
20	Plug		7600 000 025
21	Seal		7600 001 016

BSF = British Standard Fine thread



Service parts suitable for TM drum brake

Fig.	Description	Dimensions	Order no. AC 310 x 190 mm
1/5	brake shoe series III, with lining		7600 000 013
2/3	Brake lining set, (4+4) with rivets		7600 003 045
4	Brake pad rivet, brass		7600 000 441
5	brake shoe series III		7600 000 548
6	Brake shoe sleeve series II		7600 000 333
7	Brake shoe pin		7600 000 507
8	Bearing bush		7600 000 186
9	O-ring		7600 000 957
9A	Circlip		7670 000 411
10	Reset spring		7600 000 024
11	Retaining spring series III		7600 000 490
12	Spring dowel sleeve, DIN 1481	12,7 x 63 mm	7600 000 572
13	Brake cam roller	32 x 57 mm	7600 000 112
14	Safety hoop		7600 000 491

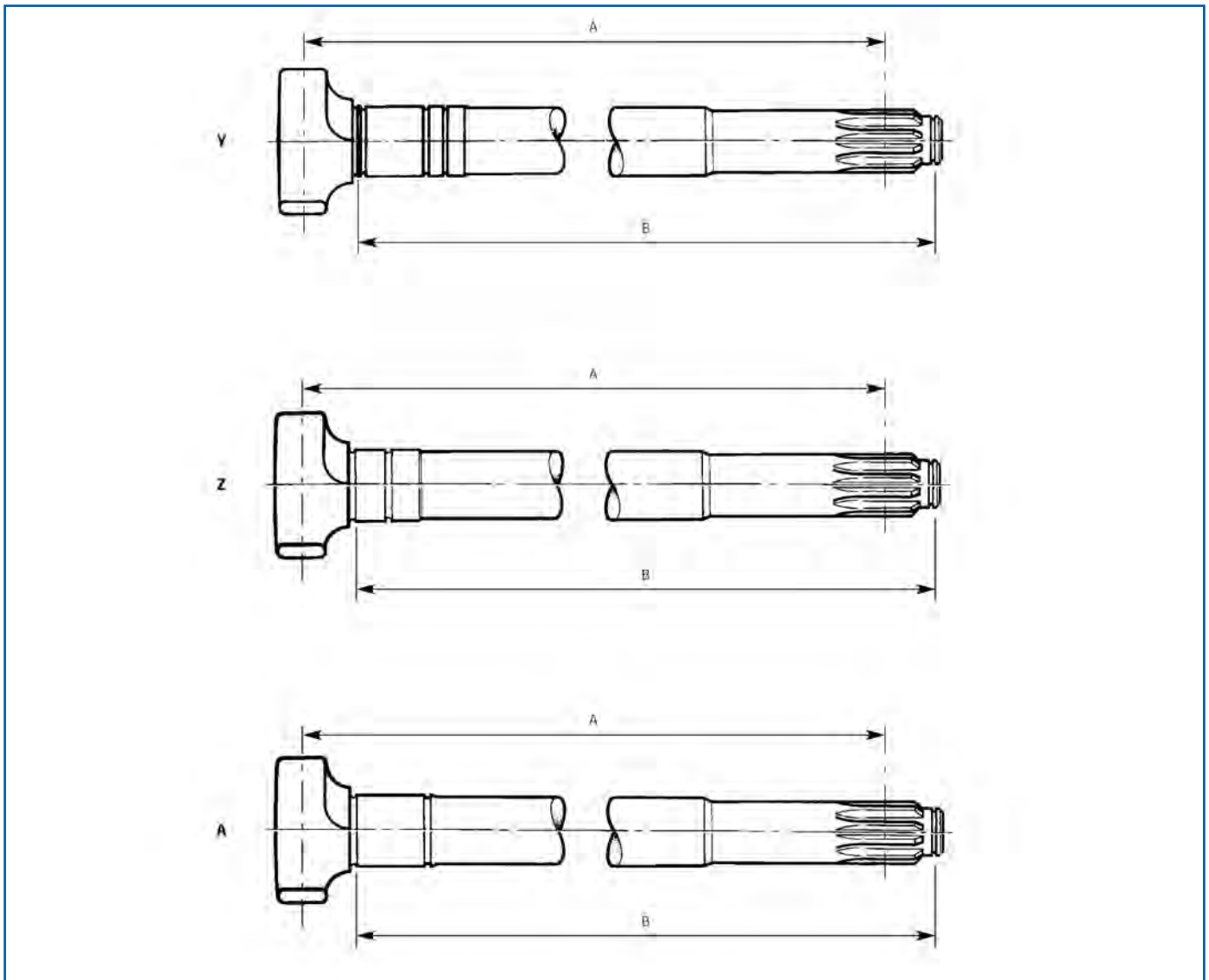
Fig.	Description	Dimensions	Order no. B 350 x 200 mm
1	brake shoe series III, with lining		7600 000 574
2/3	Brake lining set, (4+4) with rivets		7600 003 046
4	Brake pad rivet, brass		7600 000 441
5	brake shoe series III, without lining		7600 000 670
7	Brake shoe pin		7600 000 507
8	Bearing bush		7600 000 186
9	O-ring		7600 000 957
10	Reset spring	30 x 203 x 5 mm	7600 000 262
11	Retaining spring series III		7600 000 490
12	Spring dowel sleeve, DIN 1481	12,7 x 63 mm	7600 000 572
13	Brake cam roller	32 x 57 mm	7600 000 112
14	Safety hoop		7600 000 491

Fig.	Description	Dimensions	Order no. Q 420 x 180 mm
1	brake shoes series II, with lining		7600 001 254
2/3	Brake lining set (4+4), with rivets	420 x 180 mm	7600 003 049
4	Brake pad rivet, brass		7600 000 441
5	brake shoe series III, without lining	420 x 180 mm	7600 000 666
6	Brake shoe sleeve series II		7600 000 333
7	Brake shoe pin		7600 000 507
8	Bearing bush		7600 000 186
8A	Bearing bush		7600 000 966
9	O-ring		7600 000 957
9A	Circlip		7670 000 411
10	Reset spring	30 x 203 x 5 mm	7600 000 262
11	Retaining spring		7600 000 490
12	Spring dowel sleeve, DIN 1481	12,7 x 63 mm	7600 000 572
13	Brake cam roller	32 x 57 mm	7600 000 112
14	Safety hoop		7600 000 491

Service parts suitable for TM drum brake

Fig.	Description	Dimensions	Order no. Z 420 x 220 mm
1	brake shoe series II, with lining		7600 001 221
1	Brake shoe set		7600 000 549
2/3	Brake lining set (4+4), with rivets, TM/Z brakes		7600 003 051
4	Brake pad rivet, brass		7600 000 441
5	brake shoe series III, without lining		7600 000 550
6	Brake shoe sleeve series II		7600 000 333
7	Brake shoe pin		7600 000 507
8	Bearing bush		7600 000 186
8A	Bearing bush		7600 000 966
9	O-ring		7600 000 957
9A	Circlip		7670 000 411
10	Reset spring	30 x 203 x 5 mm	7600 000 262
11	Retaining spring		7600 000 490
12	Spring dowel sleeve, DIN 1481	12,7 x 63 mm	7600 000 572
13	Brake cam roller	32 x 57 mm	7600 000 112
14	Safety hoop		7600 000 491

Fig.	Description	Dimensions	Order no. 33000 420 x 220 mm
1	brake shoe series II, with lining		7600 001 221
1	Brake shoe set		7600 000 549
2/3	Brake lining set (4+4), with rivets, TM/Z brakes		7600 003 051
4	Brake pad rivet, brass		7600 000 441
5	brake shoe series III, without lining		7600 000 550
6	Brake shoe sleeve series II		7600 000 333
7	Brake shoe pin		7600 000 507
8	Bearing bush		7600 000 186
9	O-ring		7600 000 957
9A	Circlip		7670 000 411
10	Reset spring	30 x 203 x 5 mm	7600 000 262
11	Retaining spring		7600 000 490
12	Spring dowel sleeve, DIN 1481	12,7 x 63 mm	7600 000 572
13	Brake cam roller	32 x 57 mm	7600 000 112
14	Safety hoop		7600 000 491



Brake camshaft overview

Brake size	A	B	Order no.	
			Form Y, right	Form Y, left
420 mm	188,98 mm	193 mm	7600 001 090	7600 001 091
420 mm	209,48 mm	213,5 mm	7603 232 041	7604 232 041
420 mm	253,98 mm	258 mm	7603 232 037	7603 232 030
420 mm	412,68 mm	416,7 mm	7603 232 038	7604 232 037
420 mm	521,48 mm	525,5 mm	7600 000 003	7600 000 004
420 mm	544,5 mm	549 mm	7621 222 700	7621 222 701
420 mm	564,48 mm	568,5 mm	7603 232 040	7604 232 039
420 mm	583,48 mm	587,5 mm	7600 003 002	7600 003 003
420 mm	605,98 mm	610 mm	7601 219 309	7601 219 310
420 mm	622,98 mm	627 mm	7600 000 939	7600 000 940
350 mm	188,98 mm	193 mm	7601 219 315	7603 232 042
350 mm	412,68 mm	416,7 mm	7605 232 042	7603 232 053
350 mm	521,48 mm	525,5 mm	7600 000 941	7600 000 942
350 mm	570,98 mm	575 mm	7600 002 150	7600 002 160
350 mm	605,98 mm	610 mm	7600 003 016	7600 003 017

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Brake size	A	B	Order no.	Order no.
			Form Y, right	Form Y, left
350 mm	687,98 mm	692 mm	7604 232 043	7603 232 044
310 mm	169,98 mm	174 mm	7600 003 018	7600 003 019
310 mm	188,98 mm	193 mm	7603 232 084	7603 232 085
310 mm	412,68 mm	416,7 mm	7600 000 950	7600 000 951
310 mm	521,48 mm	525,5 mm	7600 000 945	7600 000 946
310 mm	570,98 mm	575 mm	7600 000 500	7600 000 501
310 mm	605,98 mm	610 mm	7600 000 947	7600 000 948
310 mm	687,98 mm	692 mm	7603 232 045	7604 232 045

Brake size	A	B	Order no.	Order no.
			Form Z, right	Form Z, left
420 mm	229,9 mm	232,4 mm	7621 223 154	7621 223 155
420 mm	253,5 mm	258 mm	7603 233 305	7600 001 119
420 mm	412,2 mm	416,7 mm	7600 001 039	7600 001 040
420 mm	521,48 mm	525,5 mm	7600 000 970	7600 000 971
420 mm	564,48 mm	568,5 mm	7621 222 386	7621 222 387
420 mm	583,48 mm	587,5 mm	7600 000 977	7600 000 978
420 mm	622,98 mm	627 mm	7600 001 041	7600 001 042
420 mm	632,98 mm	637 mm	7600 001 045	7600 001 046

Brake size	A	B	Order no.	Order no.
			Form A, right	Form A, left
420 mm	229,9 mm	232,4 mm	7600 001 158	7600 001 159
420 mm	412,2 mm	416,7 mm	7600 001 156	7600 001 157
420 mm	521 mm	525,5 mm	7621 227 109	7621 227 110
420 mm	583 mm	587,5 mm	7621 227 107	7621 227 108
420 mm	605,5 mm	610 mm	7600 001 154	7600 001 155
420 mm	622,5 mm	627 mm	7600 001 152	7600 001 153
420 mm	632,5 mm	637 mm	7603 233 821	7600 001 151



Air spring

Version	Bolt set	Fig.	Order no.	Comparative no.
with plastic piston and cover	K016	1	9180 003 688	Conti 4159 N P09 Phoenix 1 DK 23 L-9131
triple bellows		2	1700 026 660	Conti FT 412-32 S Dunlop SP 2666 (12 x 3)
with aluminium piston	K030	3	1700 012 015	Conti 4159 N P14
with plastic piston	K010	4	9180 060 924	Fruehauf UJB 0975 SMB M060924
double bellows		5	7565 052 720	Fruehauf M078246
with steel piston		6	5210 166 252	Conti 725 N P03
with steel piston	K027	7	9463 280 401	Firestone W01 M58 8747 Wabco 951 813 150 0
with plastic piston	K011	8	1788 415 704	Conti 4157 N P14
with steel piston	K001	9	5043 391 113	Conti 4810 N P05



Air spring

Version	Bolt set	Fig.	Order no.	Comparative no.
with steel piston	K001	1	1722 012 813	Phoenix 1 D 28 A-13
with plastic piston			1788 586 276	Firestone W01 M58 6276
with steel piston	K011	2	1780 415 704	Conti 4157 N P14
with plastic piston		3	1788 038 608	Firestone W01 M58 8608
with plastic piston		4	1788 588 587	Firestone W01 R88 8587
with plastic piston		5	1788 586 318	Firestone W01 M58 6318

Pitman spring

Form	62
Number of leaves	1
Bushing front	30/60 mm
Width	100 mm
Length at front	530 mm
Length at rear	450 mm

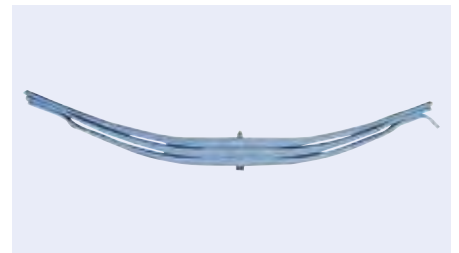
Order no.	Comparative no.
7600 002 180	Meritor/ROR 21222247



Parabolic spring

Number of leaves	3
Width	75 mm
Length at rear	614 mm
Length at front	645 mm
Camber	140 mm

Order no.	Comparative no.
1056 450 100	Meritor (ROR) 21204279



Spring hoop

Interior width 128 mm

Thread	Length	Order no.	Comparative no.
M22 x 1,5	440 mm	7670 000 438	Meritor (ROR) 21206225S
M24	280 mm	7600 002 188	Meritor (ROR) 21223928



Rubber bearing bush

Order no.

7601 224 663

Comparative no.

Meritor 21224663



1

Axle and running gear

Screw set

Version

Phoenix K025

Order no.

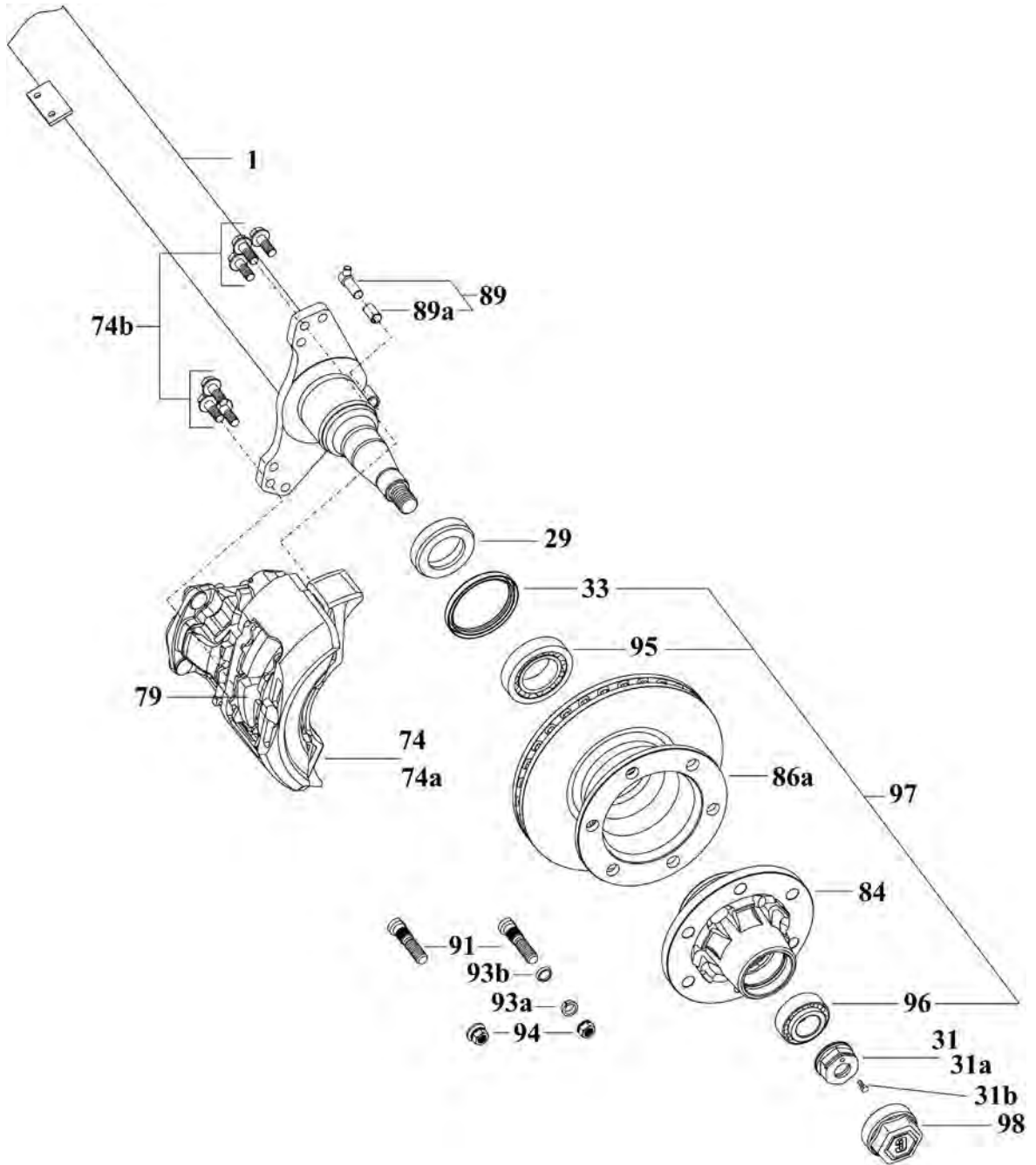
1722 052 750



Schomäcker Federn

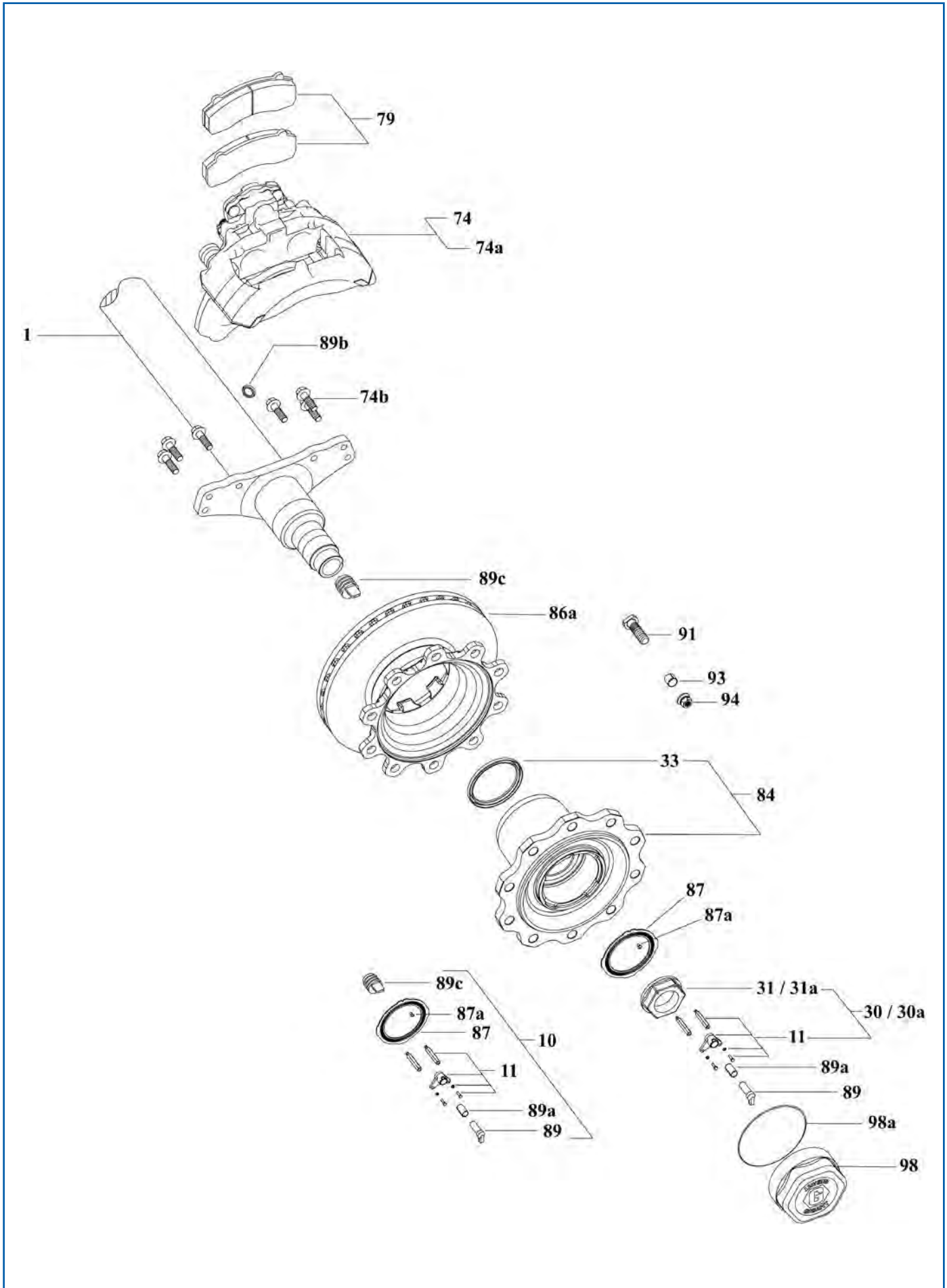
für alle Nutzfahrzeuge





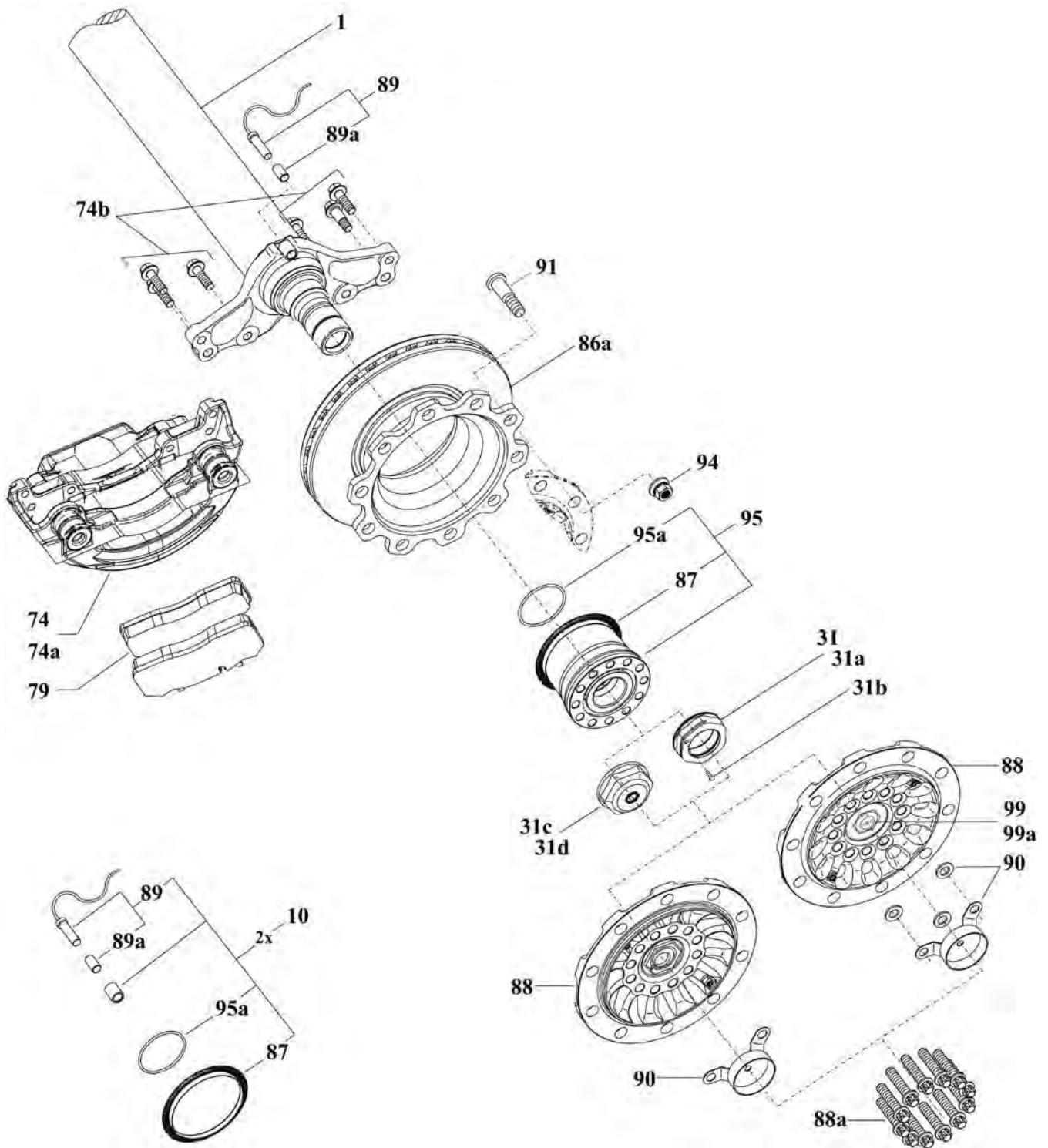
Service partssuitable for DH7 05506 3334 rigid axle 5,5 t disc brake \varnothing 335 - SO/ZO

Fig.	Description	Dimensions	Order no.
1	On request		
29	Impact ring	63 x 100 x 24 mm	5209 228 044
31	Axle nut, right	M30 x 2, Spanner size 55 mm	5203 000 087
31a	Axle nut, left	M30 x 2, Spanner size 55 mm	5203 000 088
31b	Bolt, DIN 933	M6 x 16	5203 000 015
33	Shaft sealing ring	100 x 120 x 12 mm	5202 002 104
74	On request		
74a	On request		
74b	On request		
79	On request		
84	Wheel hub	160,8/6 x 20/Hole circle \varnothing 205 mm	5209 328 080
86a	Brake disc, internally ventilated, with ABS pulse wheel	335/6 x 21/Hole circle \varnothing 205 mm	5209 267 038
86a	Brake disc, Internally ventilated	335/6 x 21/Hole circle \varnothing 205 mm	5209 267 037
89	On request		
89a	Clamping sleeve for ABS sensor		0687 605 104
91	Wheel bolt	M18 x 1,5/Length 79 mm	5209 226 052
	for middle centering type S, Z		
94	Wheel nut	M18 x 1,5/Spanner size 27 mm	5207 204 022
	for stud centering type SF, ZF		
94	Wheel nut	M18 x 1,5/Spanner size 24 mm	5202 214 003
	single tyres SF, double tyres ZF		
93a	Split washer, DIN 74361, Form C	\varnothing 18,5 mm	5202 804 103
	twin tyres ZF		
93b	Split washer	\varnothing 18 mm	5202 804 113
95	Tapered roller bearing 322 12	60 x 110 x 29,75 mm	5201 050 048
96	On request		
97	Repair kit wheel bearing, complete for 1 hub, with seal		5209 317 111
98	Wheel-hub cap	M84 x 2/Spanner size 70 mm	5209 237 043



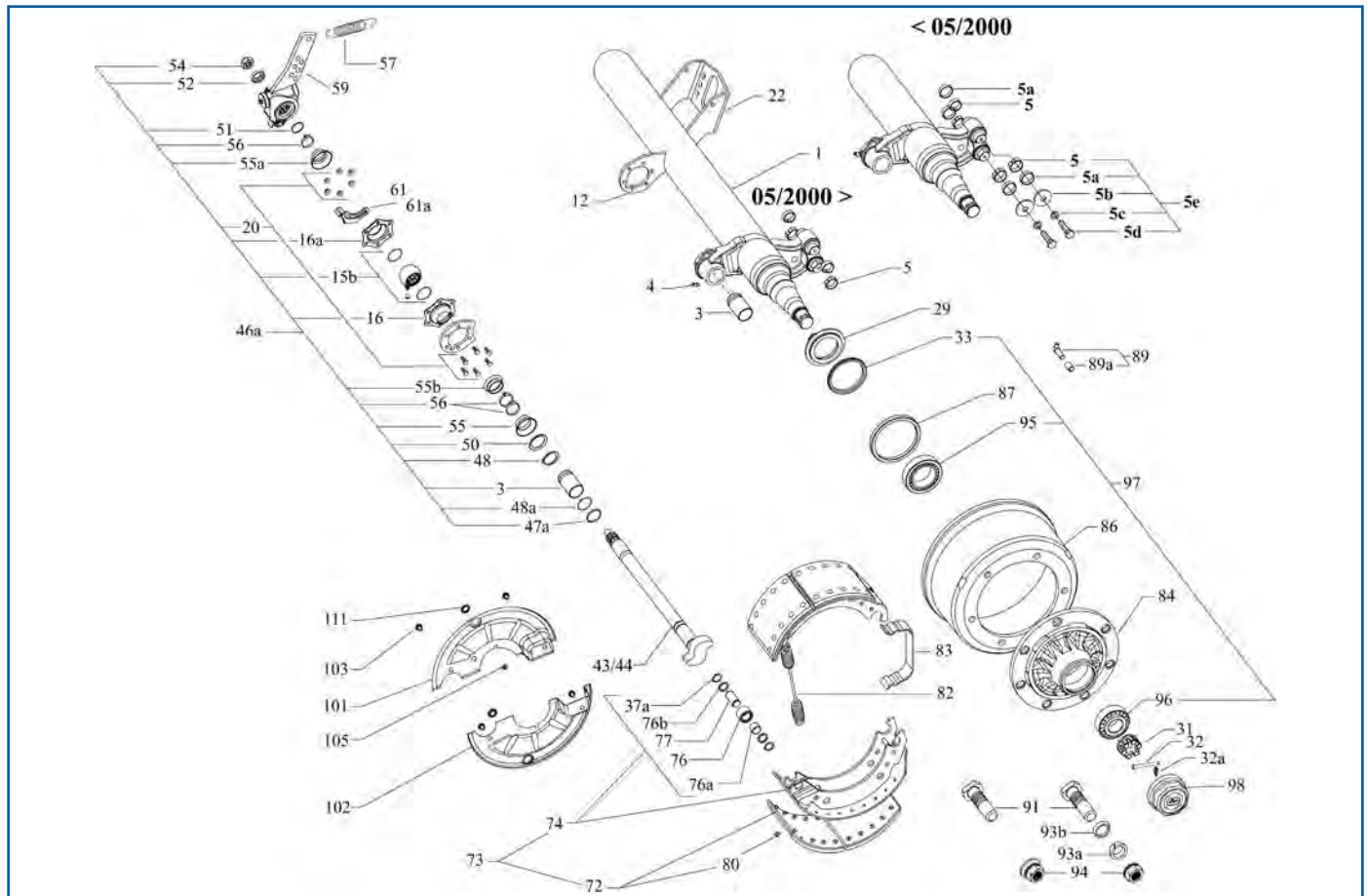
Service parts**suitable for DOKH1 09010 4345 rigid axle 9 t disc brake \varnothing 430 - SO/SAO**

Fig.	Description	Dimensions	Order no.
1	On request		
10	On request		
11	On request		
30	On request		
30a	On request		
- 12/2004			
31	Axle nut, right	M68 x 1,5/Spanner size 95 mm	5209 400 472
31a	Axle nut, left	M68 x 1,5/Spanner size 95 mm	5209 400 473
33	Shaft sealing ring	125 x 150 x 12 mm	5202 002 116
up to 05/2004 (from 05/2004 included in fig. 84)			
Knorr 4345K disc brake			
74	On request		
74a	On request		
79	Brake pad set	248 x 108 x 30,00 mm	5209 317 202
Haldex 4345H disc brake			
74	Brake caliper DB22 module X, without lining, Number of holes 6		5209 285 107
79	On request		
Wabco 4345W disc brake			
74	Brake caliper PAN22-1, without lining, left		5203 000 056
74a	Brake caliper PAN22-1, without lining, right		5203 000 057
79	Brake pad set PAN 22-1	247,3 x 107,75 x 30,00 mm	5203 000 059
for KTL coated axles			
74b	Screw set for securing brake caliper, for one brake		5209 317 794
84	On request		
86a	Brake disc 4345	430/10 x 23/Hole circle \varnothing 335 mm	5201 037 814
87	ABS ring, Number of teeth 100		5209 264 047
87a	Attachment screw for pulse wheel, ULS	M5 x 10	5201 605 010
89	On request		
89a	Clamping sleeve for ABS sensor		0687 605 104
89b	Stopper	22 x 4,4/Height 23 mm	5209 237 017
89c	Stopper		5209 404 038
91	On request		
for middle centering type S, SM			
94	Wheel nut	M22 x 1,5/Spanner size 32 mm	5208 606 072
94	Wheel nut	M22 x 1,5/Spanner size 33 mm	5203 000 034
93	Centring sleeve	21,5 x 24,5/Height 6 mm	5200 088 405
for stud centering type SF			
94	Wheel nut	M22 x 1,5/Spanner size 32 mm	5208 804 510
93	Split washer	\varnothing 22,5 x 34/8	5208 804 515
98	Wheel-hub cap	M170 x 2/Spanner size 160 mm	5209 237 085
98a	O-ring	160 x 3 mm	5202 500 160



Service parts**suitable for DOKH2 09010 3745/4345 rigid axle 9 t disc brake \varnothing 377/430 - SO/SAO**

Fig.	Description	Dimensions	Order no.
1	On request		
10	ABS kit, ABS sensor, O-ring (92 x 4) and pulse wheel (90 teeth)		5203 000 092
31	Axle nut with screw, right	M68 x 1,5/Spanner size 95 mm	5209 400 535
31a	Axle nut with bolt, left	M68 x 1,5/Spanner size 95 mm	5209 400 536
31b	Bolt, DIN 933	M6 x 16	5203 000 015
31c	Axle nut, right	M68 x 1,5/Spanner size 95 mm	5209 400 554
31d	Axle nut, left	M68 x 1,5/Spanner size 95 mm	5209 400 555
74b	Screw set for securing brake caliper, for one brake		5209 317 794
Haldex 3745H disc brake			
74	Brake caliper DB19 module X, without lining		5203 000 053
79	Brake pad set DB19 module X	210,7 x 92,5 x 30,00 mm	5203 000 058
Haldex 4345H disc brake			
74	Brake caliper DB 22 module X LT, with lining		5200 085 256
79	Brake pad set DB 22 module X LT		5209 291 072
Wabco 3745W disc brake			
74	Brake caliper PAN 19-1+, without lining, left		5203 000 054
74a	Brake caliper PAN 19-1+, without lining, right		5203 000 055
79	Brake pad set PAN 19-1/19-1+		5209 291 056
Wabco 4345W disc brake			
74	Brake caliper PAN22-1, without lining, left		5203 000 056
74a	Brake caliper PAN22-1, without lining, right		5203 000 057
79	Brake pad set PAN 22-1	247,3 x 107,75 x 30,00 mm	5203 000 059
86a	Brake disc 3745	377/10 x 26,5/335 mm	5203 000 040
86b	Brake disc 4345	430, 10 x 26,5/335 mm	5209 267 086
87	ABS ring, Number of teeth 90		5209 264 057
88	On request		
88a	Screw set TORX® E 24	M18 x 1,5, Length 80 mm	5209 317 791
89	Speed sensor for ABS (incl. fig. 89a)	Length 400 mm	5202 001 580
89a	Clamping sleeve for ABS sensor		0687 605 104
90	On request		
91	Wheel bolt	M22 x 1,5/Length 108 mm	5209 713 579
94	Wheel nut	M22 x 1,5/Spanner size 32 mm	5208 606 072
94	Wheel nut	M22 x 1,5/Spanner size 33 mm	5203 000 034
95	Wheel bearing hub unit (incl. fig. 87 and 95a), Order Fig. 88a at the same time and renew		5209 400 546
95	O-ring	92 x 4 mm	5202 501 029
99	On request		
	Separating agent, 100 g		2004 290 082

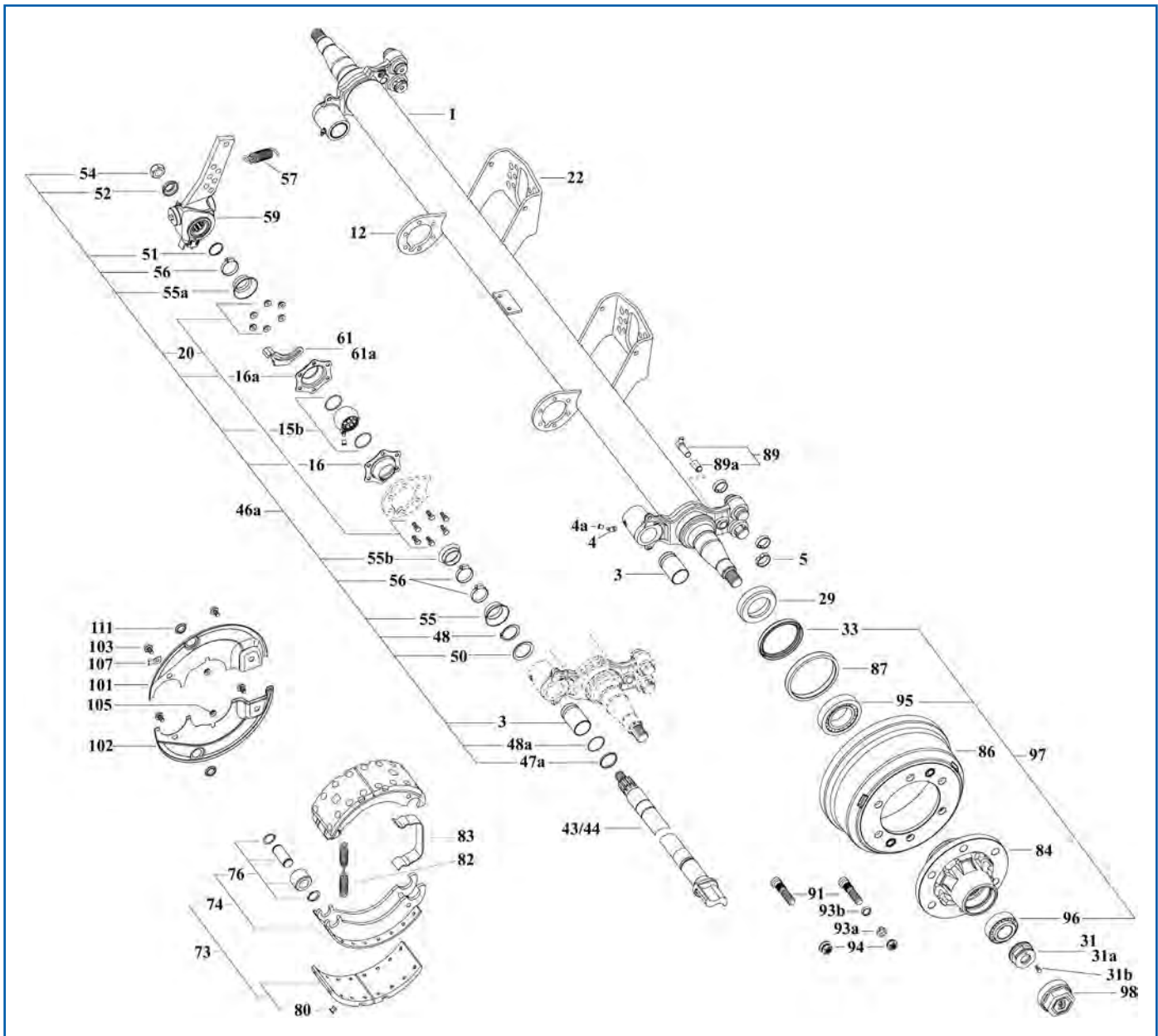


Service parts

suitable for GH4 05506 3010 rigid axle 5,5 t drum brake 300 x 100 - SO/ZO

Fig.	Description	Dimensions	Order no.
1	On request		
3	Bushing	42 x 46/Length 72,6 mm	5209 404 037
4	On request		
5	Fixed point ring	31,5 x 35,5/Width 9,7 mm	5209 215 011
5a	Intermediate ring	33 x 38/Thickness 8 mm	5203 000 042
5b	Washer	11 x 36/Thickness 2 mm	5203 000 031
5c	Split washer	∅ 10 mm	5208 804 470
5d	Attachment screw	M10 x 20	5208 804 465
5e	Repair kit for brake shoe pins with fixed point spring		5209 317 226
12	On request		
15b	On request		
16	Bearing bracket, with bore and lubrication		6143 301 328
16a	Bearing bracket		6143 301 327
20	Attachment screw set for brake camshaft bearing	M8 x 25	5203 000 063
22	Cylinder carrier	∅ 101,6 mm	5203 000 078
29	Impact ring	63 x 100 x 24 mm	5209 228 044
31	Axle nut	M30 x 2/Spanner size 46 mm	5209 400 224
32	Security pin	6/51 x 48 mm	5209 294 008
32a	W clip	∅ 2/Length 6 mm	5209 400 476
33	Shaft sealing ring	100 x 120 x 12 mm	5202 002 104
43/44	On request		
46a	On request		
47a	Plastic bush	42 x 46 x 4 mm	5203 000 075
48	Circlip	∅ 42 mm	6136 787 121
48a	O-ring	40 x 2,5 mm	6136 780 341

Fig.	Description	Dimensions	Order no.
50	Sealing ring	42 x 57 x 2 mm	5203 000 076
51	Circlip	∅ 35 mm	5203 000 085
52	Washer for automatic slack adjuster	22,5 x 42 x 11 mm	5203 000 074
52	Washer for manual slack adjuster	22,5 x 42 x 6 mm	5203 000 077
54	Counternut, DIN 980	M22 x 1,5	5200 012 202
55	Dust sleeve for brake camshaft	41 x 25 mm	6142 317 412
55a	Shaft sealing ring for brake camshaft	34 x 26 mm	6031 204 310
55b	Shaft sealing ring for brake camshaft	41 x 19 mm	6031 204 312
56	Security clamp for brake camshaft bearing		5200 000 021
57	Tension spring for brake slack adjuster	2,8/25,8 x 148 mm	5207 203 067
59	Slack adjuster, manual, straight	120/150/180/220/250 mm	5209 319 019
59	Slack adjuster, automatic, straight	Hole size 105/120/135/150/165/180/250 mm	5209 319 300
61	Fixed point plate for automatic slack adjuster, right		5209 404 042
61a	Fixed point plate for automatic slack adjuster, left		5209 404 043
72	Brake lining set 3010 +0, normal dimension	300 x 100 mm	5209 317 168
72	Brake lining set 3010 +1, 1. oversize	300 x 100 mm	5209 317 169
73	Brake shoe set 3010 (incl. fig. 72, 82 and 83)	300 x 100 mm	5209 317 839
74	Brake shoe set 3010, without lining		5209 322 039
04/2004-			
76	Brake cam roller	26 x 45/Length 33,5 mm	5209 290 004
77	Bolt for brake cam roller	∅ 26/Length 61 mm	5209 226 076
before 04/2004			
76	Brake cam roller set (incl. fig. 76, 76b and 78)	29 x 45/Length 33,5 mm	5200 088 431
76a	Bearing bush	26 x 29/Length 25 mm	5209 228 024
76b	Washer	26 x 34 x 4 mm	5209 369 020
77	Bolt	∅ 26/Length 61 mm	6141 958 635
37a	Circlip	∅ 26 mm	9902 102 026
80	Brake pad rivet	∅ 8/Length 15 mm	5202 950 001
82	Reset spring	20 x 3,6/Length 180 mm	5209 361 014
before 05/2000			
83	Fixed point spring		5209 361 021
84	Wheel hub	160,8/6 x 20/Hole circle ∅ 205 mm	5209 328 080
86	Brake drum 3010	300 x 100/Height 144 mm	5209 380 041
87	ABS ring, Number of teeth 80	126 x 142/Height 15 mm	5209 264 020
89	On request		
89a	Clamping sleeve for ABS sensor		0687 605 104
91	Wheel bolt	M18 x 1,5/Length 79 mm	5209 226 052
for middle centering type S, Z			
94	Wheel nut	M18 x 1,5/Spanner size 27 mm	5207 204 022
for stud centering type SF, ZF			
94	Wheel nut	M18 x 1,5/Spanner size 24 mm	5202 214 003
single tyres SF, double tyres ZF			
93a	Split washer, DIN 74361, Form C	∅ 18,5 mm	5202 804 103
twin tyres ZF			
93a	Split washer, DIN 74361, Form C	∅ 18,5 mm	5202 804 103
93b	Split washer	∅ 18 mm	5202 804 113
95	Tapered roller bearing 322 12	60 x 110 x 29,75 mm	5201 050 048
96	On request		
97	Repair kit wheel bearing, complete for 1 hub, (incl. fig. 33, 84, 86, 87, 95 and 96)		5209 317 111
98	Wheel-hub cap	M84 x 2/Spanner size 70 mm	5209 237 043
101	Cover plate, top		5209 384 220
102	Cover plate, bottom		5209 384 219
103	Attachment screw	M10 x 16	5203 000 021
105	Cable grommet		5208 710 177
111	Stopper	∅ 25,4 mm	5200 000 017

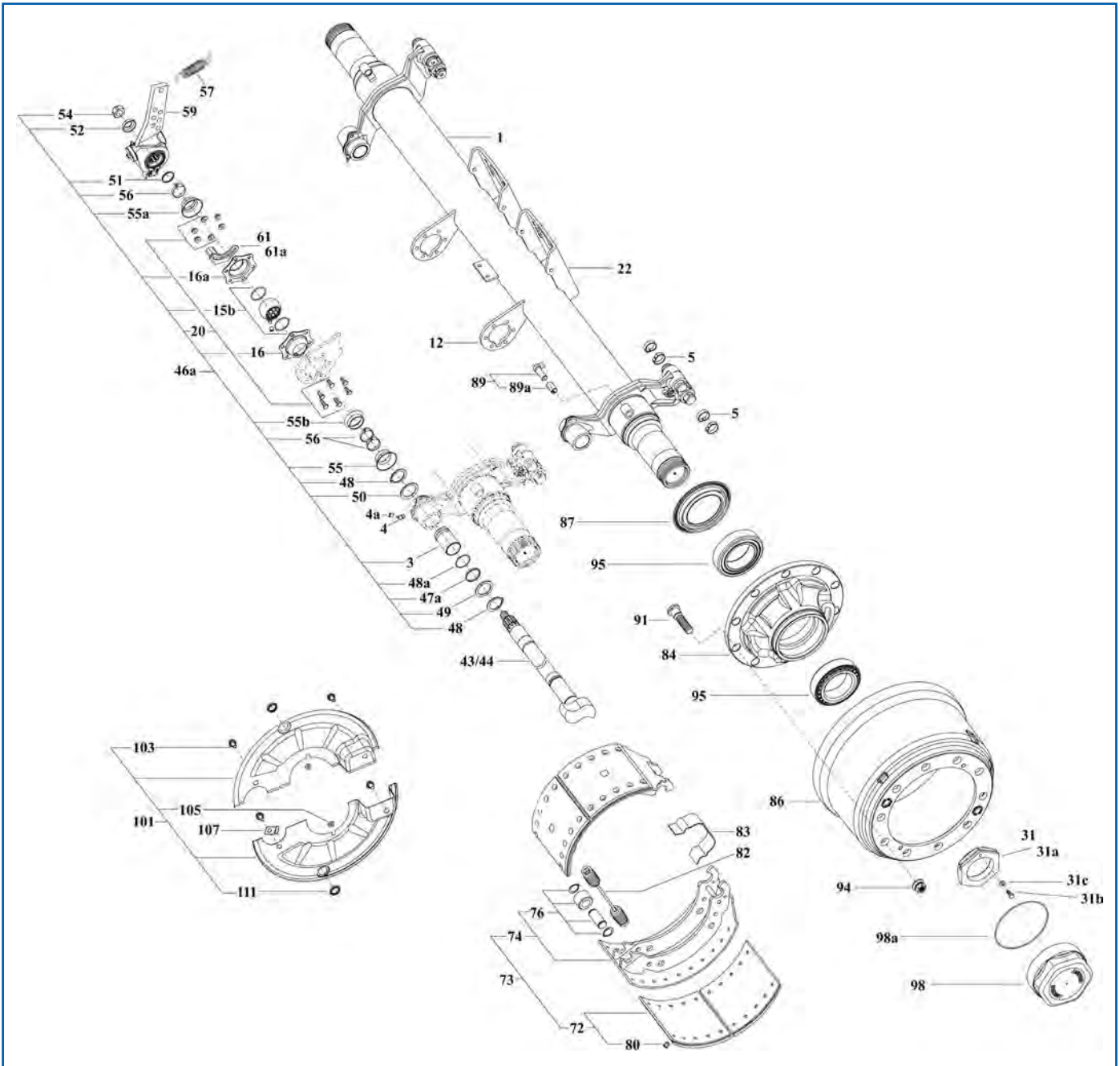


Service parts

suitable for GH7 05506 3010 rigid axle 5,5 t drum brake 300 x 100 - SO

Fig.	Description	Dimensions	Order no.
1	On request		
3	Bushing	42 x 46/Length 72,6 mm	5209 404 037
4	On request		
4a	Protective cap		5203 000 037
5	Fixed point ring	31,5 x 35,5/Width 9,7 mm	5209 215 011
12	On request		
15b	On request		
16	Bearing bracket, with bore and lubrication		6143 301 328
16a	Bearing bracket		6143 301 327
20	Attachment screw set for brake camshaft bearing	M8 x 25	5203 000 063
22	Cylinder carrier	∅ 101,6 mm	5203 000 078
29	Impact ring	63 x 100 x 24 mm	5209 228 044
31	Axle nut, right	M30 x 2, Spanner size 55 mm	5203 000 087
31a	Axle nut, left	M30 x 2, Spanner size 55 mm	5203 000 088
31b	Bolt, DIN 933	M6 x 16	5203 000 015

Fig.	Description	Dimensions	Order no.
33	Shaft sealing ring	100 x 120 x 12 mm	5202 002 104
43/44	On request		
46a	On request		
47a	Plastic bush	42 x 46 x 4 mm	5203 000 075
48	Circlip	∅ 42 mm	6136 787 121
48a	O-ring	40 x 2,5 mm	6136 780 341
50	Sealing ring	42 x 57 x 2 mm	5203 000 076
51	Circlip	∅ 35 mm	5203 000 085
52	Washer for automatic slack adjuster	22,5 x 42 x 11 mm	5203 000 074
54	Counternut, DIN 980	M22 x 1,5	5200 012 202
55	Dust sleeve for brake camshaft	41 x 25 mm	6142 317 412
55a	Shaft sealing ring for brake camshaft	34 x 26 mm	6031 204 310
55b	Shaft sealing ring for brake camshaft	41 x 19 mm	6031 204 312
56	Security clamp for brake camshaft bearing		5200 000 021
57	Tension spring for brake slack adjuster	2,8/25,8 x 148 mm	5207 203 067
59	Slack adjuster, automatic, straight	Hole size 105/120/135/150/165/180/250 mm	5209 319 300
61	Fixed point plate for automatic slack adjuster, right		5209 404 042
61a	Fixed point plate for automatic slack adjuster, left		5209 404 043
72	Brake lining set 3010 +0, normal dimension	300 x 100 mm	5209 317 168
72	Brake lining set 3010 +1, 1. oversize	300 x 100 mm	5209 317 169
73	Brake shoe set 3010 (incl. fig. 72, 82 and 83)	300 x 100 mm	5209 317 839
74	Brake shoe set 3010, without lining		5209 322 039
76	Camshaft roller set, with pin and roller		5203 000 064
80	Brake pad rivet	∅ 8/Length 15 mm	5202 950 001
82	Reset spring	20 x 3,6/Length 180 mm	5209 361 014
83	Fixed point spring		5209 361 021
84	Wheel hub	160,8/6 x 20/Hole circle ∅ 205 mm	5209 328 080
86	Brake drum 3010	300 x 100/Height 144 mm	5209 380 041
87	ABS ring, Number of teeth 80	126 x 142/Height 15 mm	5209 264 020
89	On request		
89a	Clamping sleeve for ABS sensor		0687 605 104
91	Wheel bolt	M18 x 1,5/Length 79 mm	5209 226 052
	for middle centering type S, Z		
94	Wheel nut	M18 x 1,5/Spanner size 27 mm	5207 204 022
	for stud centering type SF, ZF		
94	Wheel nut	M18 x 1,5/Spanner size 24 mm	5202 214 003
	single tyres SF, double tyres ZF		
93a	Retainer ring	∅ 18,5 mm	6025 615 189
	twin tyres ZF		
93b	Split washer	∅ 18 mm	5202 804 113
95	Tapered roller bearing 322 12	60 x 110 x 29,75 mm	5201 050 048
96	On request		
97	Repair kit wheel bearing, complete for 1 hub, with seal		5209 317 111
98	Wheel-hub cap	M84 x 2/Spanner size 70 mm	5209 237 043
101	Cover plate, top		5209 384 220
102	Cover plate, bottom		5209 384 219
103	Attachment screw	M10 x 16	5203 000 021
105	Cable grommet		5208 710 177
107	Clamping tape		5209 110 002
111	Stopper	∅ 25,4 mm	5200 000 017

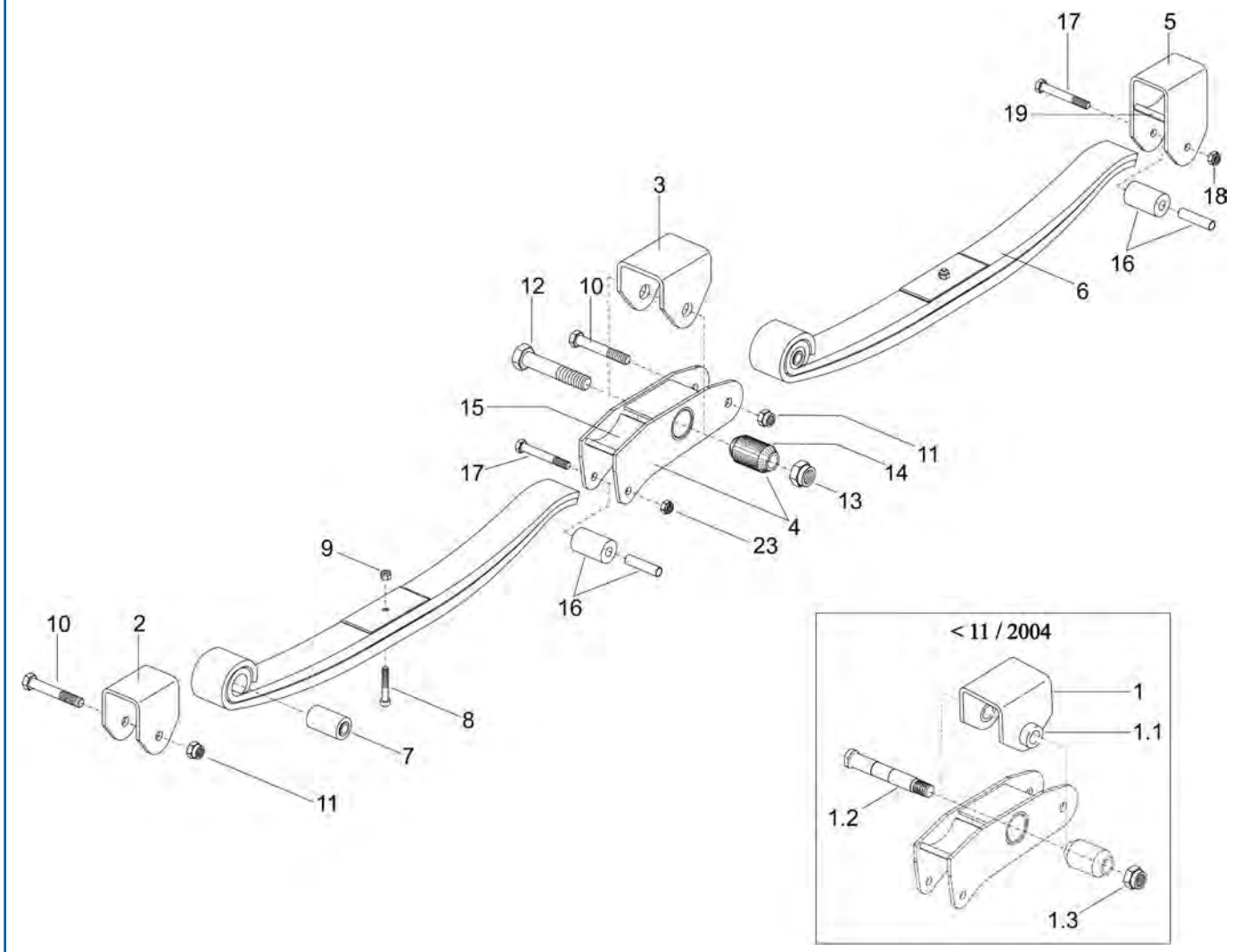


Service parts

suitable for GH7 12010 4220 rigid axle 12 t drum brake 420 x 200 - SO/SAO/ZO

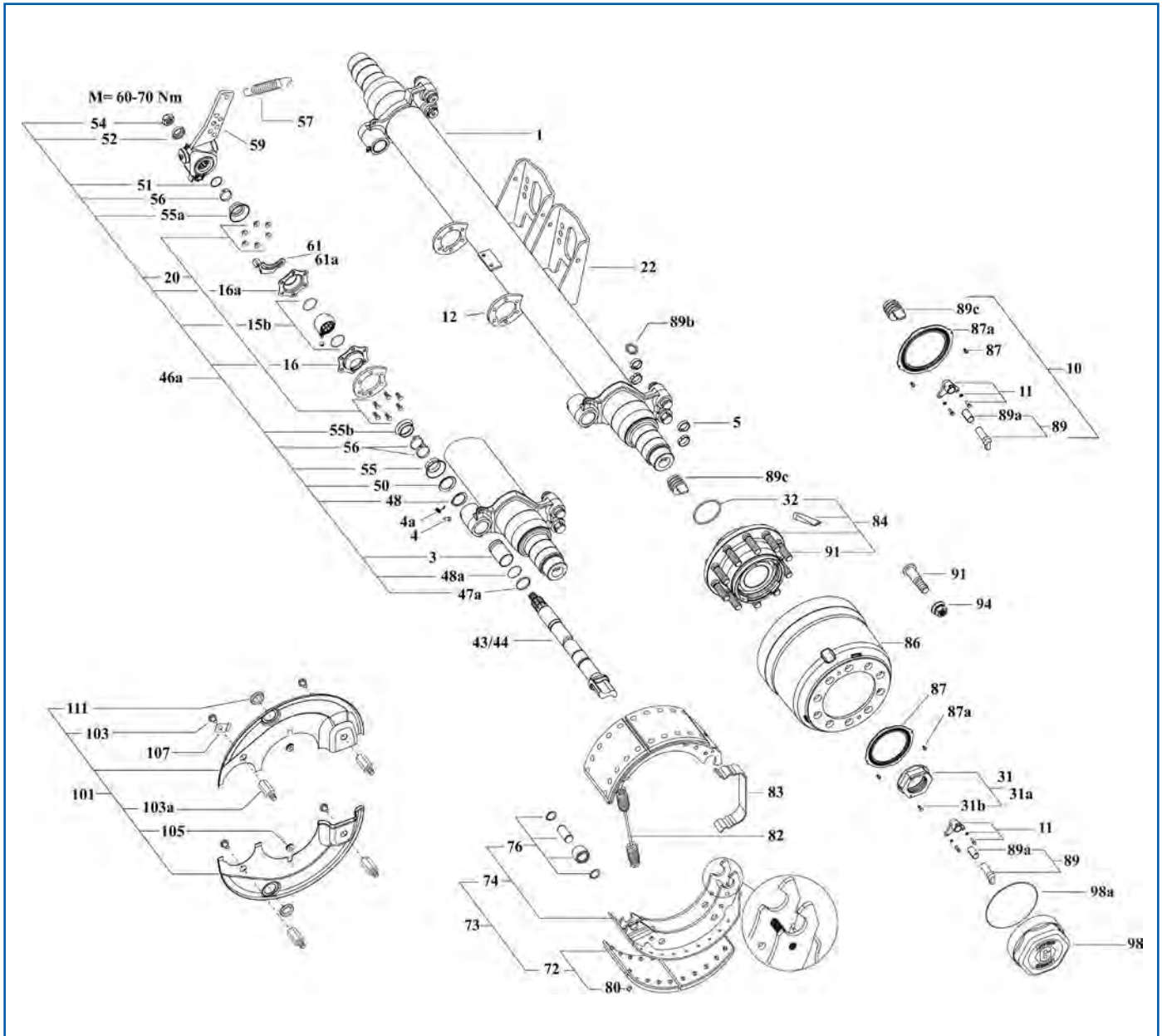
Fig.	Description	Dimensions	Order no.
1	On request		
3	Bushing	42 x 46/Length 72,6 mm	5209 404 037
4	On request		
4a	Protective cap		5203 000 037
5	Fixed point ring	31,5 x 35,5/Width 9,7 mm	5209 215 011
12	On request		
15b	On request		
16	Bearing bracket, with bore and lubrication		6143 301 328
16a	Bearing bracket		6143 301 327
20	Attachment screw set for brake camshaft bearing	M8 x 25	5203 000 063
22	On request		
31	On request		

Fig.	Description	Dimensions	Order no.
31a	On request		
	Bolt	M8 x 20	5203 000 016
	Washer	8 x 14 x 1,8 mm	5202 803 008
43/44	On request		
46a	Brake camshaft holder, for Gigant brake \varnothing 320 mm / 420 mm with automatic brake slack adjuster		5200 937 939
47a	Plastic bush	42 x 46 x 4 mm	5203 000 075
48	Circlip	\varnothing 42 mm	6136 787 121
48a	O-ring	40 x 2,5 mm	6136 780 341
49	On request		
50	Sealing ring	42 x 57 x 2 mm	5203 000 076
51	Circlip	\varnothing 35 mm	5203 000 085
52	Washer for automatic slack adjuster	22,5 x 42 x 11 mm	5203 000 074
52	Washer for manual slack adjuster	22,5 x 42 x 6 mm	5203 000 077
54	Counternut, DIN 980	M22 x 1,5	5200 012 202
55	Dust sleeve for brake camshaft	41 x 25 mm	6142 317 412
55a	Shaft sealing ring for brake camshaft	34 x 26 mm	6031 204 310
55b	Shaft sealing ring for brake camshaft	41 x 19 mm	6031 204 312
56	Security clamp for brake camshaft bearing		5200 000 021
57	Tension spring for brake slack adjuster	2,8/25,8 x 148 mm	5207 203 067
59	Slack adjuster, manual, straight	120/150/180/220/250 mm	5209 319 019
59	Slack adjuster, automatic, straight	Hole size 105/120/135/150/165/180/250 mm	5209 319 300
61	Fixed point plate for automatic slack adjuster, right		5209 404 042
61a	Fixed point plate for automatic slack adjuster, left		5209 404 043
72	On request		
73	On request		
74	On request		
76	Camshaft roller set, with pin and roller		5203 000 064
80	Brake pad rivet	\varnothing 8/Length 15 mm	5202 950 001
82	Reset spring	Outer \varnothing 34/Length 268 mm	5209 361 005
83	Fixed point spring		5209 361 008
84	On request		
86	Brake drum 4220	420 x 200/Height 271 mm	5209 380 016
87	On request		
89	On request		
89a	Clamping sleeve for ABS sensor		0687 605 104
91	Wheel bolt	M22 x 1,5/Length 108 mm	5209 713 579
94	Wheel nut for middle centering type S, SM	M22 x 1,5/Spanner size 32 mm	5208 606 072
94	Wheel nut for middle centering type S, SM	M22 x 1,5/Spanner size 33 mm	5203 000 034
95	Tapered roller bearing	90 x 147/Height 32,5 mm	9180 031 680
98	Wheel-hub cap	M170 x 2/Spanner size 160 mm	5209 237 085
98a	O-ring	160 x 3 mm	5202 500 160
101	On request		
103	Attachment screw	M10 x 16	5203 000 021
105	Cable grommet		5208 710 177
107	Clamping tape		5209 110 002
111	Stopper	\varnothing 25,4 mm	5200 000 017



Service parts suitable for GK assembly FB 80

Fig.	Description	Dimensions	Order no.
	Main suspension GK 80-W complete		5200 161 165
	before 11/2004		
1	On request		
1.1	Bushing for main suspension without groove		5200 049 030
1.2	Spring pin	Length 162/M27 x 1,5/Spanner size 32 mm	5200 320 162
1.3	Counternut, DIN 980	M27 x 1,5	5200 012 702
2	On request		
3	On request		
4	On request		
5	On request		
6	On request		
7	Silent bearing for trailing arm		5200 196 012
8	On request		
9	Counternut, DIN 985	M12	5200 105 001
10	On request		
11	Counternut, DIN 980	M20	5200 105 002
12	On request		
13	On request		
14	Silent bearing for cradle bearing		5200 196 002
15	On request		
16	Rubber pulley, spacer bushing with bolt and nut		5200 198 032
17	On request		
19	On request		
23	Counternut, DIN 980	M16	5200 011 602

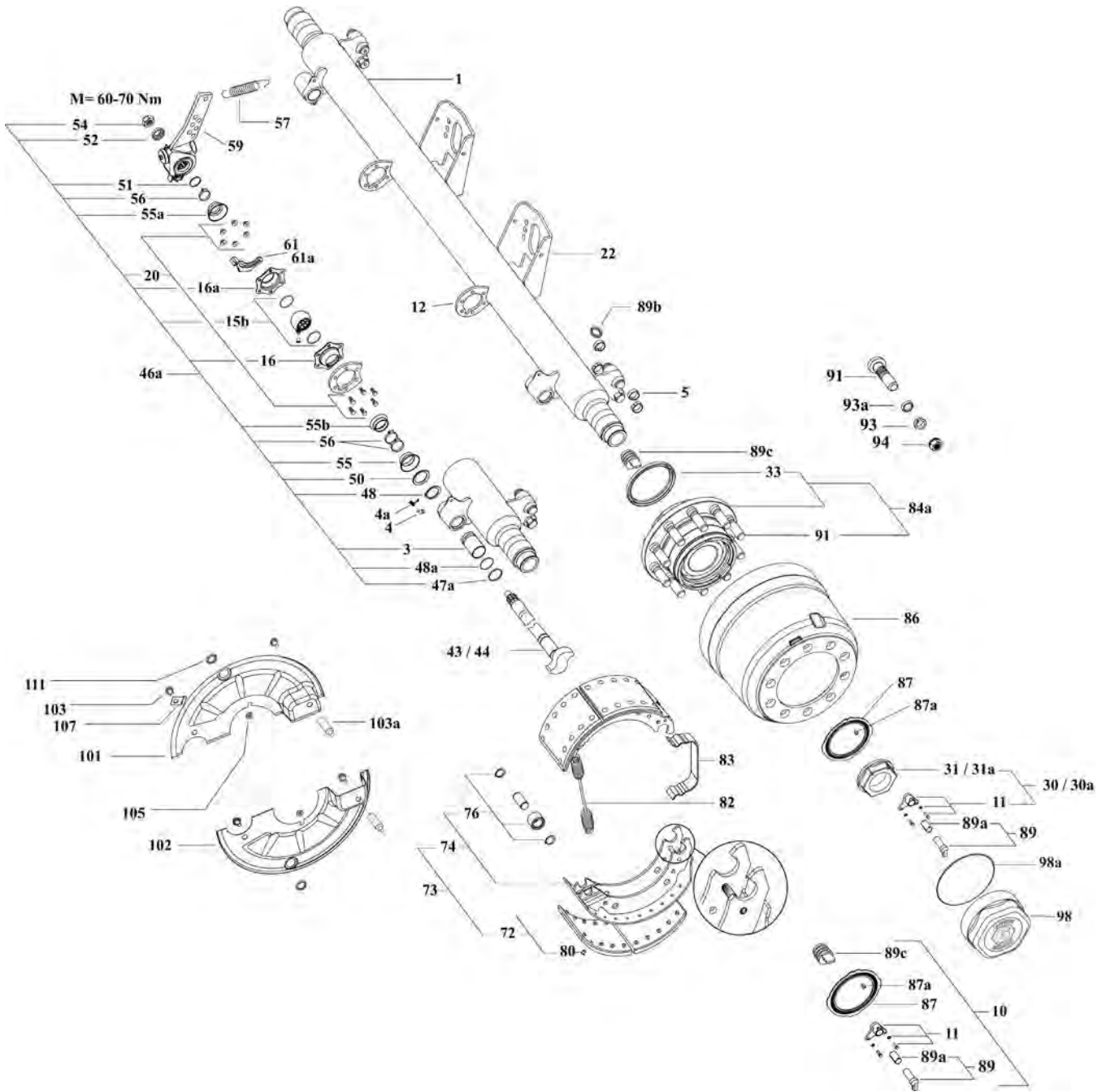


Service parts

suitable for GKH2 10510 3020 rigid axle 10,5 t drum brake 300 x 200 - ZO

Fig.	Description	Dimensions	Order no.
1	On request		
3	Bushing	42 x 46/Width 72,6 mm	6142 235 541
4	On request		
4a	Protective cap		5203 000 037
5	Fixed point ring	31,5 x 35,5/Width 9,7 mm	5209 215 011
10	ABS kit 80D-K82 (incl. fig. 11, 87, 87a, 89, 89c)		5203 000 067
11	Sensor bracket kit for ABS rod sensor, with bolts and washers		5209 317 752
12	On request		
15b	Repair kit for brake camshaft, incl. ball socket with seal		6142 242 514
16	Bearing bracket, with bore and lubrication		6143 301 328
20	Attachment screw set for brake camshaft bearing	M8 x 25	5203 000 063
22	On request		
31	Axle nut with screw, right	M68 x 1,5/Spanner size 95 mm	5209 400 535
31a	Axle nut with screw, left	M68 x 1,5/Spanner size 95 mm	5203 000 069
31b	Bolt, DIN 933	M6 x 16	5203 000 015

Fig.	Description	Dimensions	Order no.
32	O-ring	Ø 84/Thickness 4 mm	5203 000 027
43/44	On request		
46a	On request		
47a	Plastic bush	42 x 46 x 4 mm	5203 000 075
48	Circlip	Ø 42 mm	6136 787 121
48a	O-ring	40 x 2,5 mm	6136 780 341
50	On request		
51	On request		
52	Washer for automatic slack adjuster	22,5 x 42 x 11 mm	5203 000 074
54	Counternut	M22 x 1,5	6143 712 519
55	Dust sleeve for brake camshaft	41 x 25 mm	6142 317 412
55a	Shaft sealing ring for brake camshaft	34 x 26 mm	6031 204 310
55b	Shaft sealing ring for brake camshaft	41 x 19 mm	6031 204 312
56	Security clamp for brake camshaft bearing		5200 000 021
57	Tension spring for brake slack adjuster	2,8/25,8 x 148 mm	5207 203 067
59	Slack adjuster, automatic, straight	Hole size 105/120/135/150/165/180/250 mm	5209 319 300
61	Fixed point plate for automatic slack adjuster, right		5209 404 042
61a	Fixed point plate for automatic slack adjuster, left		5209 404 043
72	Brake lining set 3020 +0, normal dimension	300 x 200 mm	5209 317 084
72	Brake lining set 3020 +1, 1. oversize	300 x 200 mm	5209 317 085
73	Brake shoe set 3020 (incl. fig. 72, 74, 82, 83)	300 x 200 mm	5209 317 840
74	Brake shoe set 3020, without lining	300 x 200 mm	5209 322 049
76	Camshaft roller set, with pin and roller		5203 000 064
80	Brake pad rivet	Ø 8/Length 15 mm	5202 950 001
82	Reset spring	Ø 28 x 5/Length 177 mm	5209 361 022
83	Fixed point spring		5209 361 021
84	Wheel hub complete, with wheel studs (fig. 91) and O-rings (fig. 32 and 98a)		5203 000 068
86	Brake drum 3020	300 x 200/Height 260 mm	5201 049 114
87	ABS ring, Number of teeth 80		5209 264 049
87a	Attachment screw for pulse wheel, ULS	M5 x 10	5201 605 010
89	On request		
89a	Clamping sleeve for ABS sensor		0687 605 104
89b	Stopper	22 x 4,4/Height 23 mm	5209 237 017
89c	On request		
94	Wheel nut	M22 x 1,5/Spanner size 32 mm	5208 606 072
94	Wheel nut	M22 x 1,5/Spanner size 33 mm	5203 000 034
98	Wheel-hub cap	M170 x 2/Spanner size 160 mm	5209 237 085
98a	O-ring	160 x 3 mm	5202 500 160
101	Cover plate kit suitable for GK 3020, for one side		5203 000 066
103	Attachment screw	M10 x 16	5203 000 021
103a	Intermediate piece	Length 36 mm/M10	5209 271 046
105	Cable grommet		5208 710 177
107	Clamping tape		5209 110 002
111	Stopper	Ø 25,4 mm	5200 000 017



Service parts**suitable for GKH1 12010 3020 rigid axle 12 t drum brake 300 x 200 - ZO**

Fig.	Description	Dimensions	Order no.
1	On request		
3	Bushing	42 x 46/Width 72,6 mm	6142 235 541
4	Lubricating nipple, DIN 71412 H2, 45°	M8	5202 411 002
4a	Protective cap		5203 000 037
5	Fixed point ring	31,5 x 35,5/Width 9,7 mm	5209 215 011
10	ABS kit 80D-K82 (incl. fig. 11, 87, 87a, 89, 89c)		5203 000 067
11	Sensor bracket kit for ABS rod sensor, with bolts and washers		5209 317 752
12	On request		
15b	Repair kit for brake camshaft, incl. ball socket with seal		6142 242 514
16	Bearing bracket, with bore and lubrication		6143 301 328
20	Attachment screw set for brake camshaft bearing	M8 x 25	5203 000 063
22	On request		
30	Axle nut kit with sensor bracket, right	M68 x 1,5/Spanner size 95 mm	5209 317 754
30a	Axle nut kit with sensor bracket, left	M68 x 1,5/Spanner size 95 mm	5209 317 755
to 12/2004 with ABS			
31	Axle nut, right	M68 x 1,5/Spanner size 95 mm	5209 400 472
31a	Axle nut, left	M68 x 1,5/Spanner size 95 mm	5209 400 473
from 12/2004 and for axles without ABS			
33	Shaft sealing ring	125 x 150 x 12 mm	5202 002 116
up to 12/2003 (from 12/2003 included in fig. 84a)			
43/44	On request		
46a	On request		
47a	Plastic bush	42 x 46 x 4 mm	5203 000 075
48	Circlip	∅ 42 mm	6136 787 121
48a	O-ring	40 x 2,5 mm	6136 780 341
50	On request		
51	On request		
52	Washer for automatic slack adjuster	22,5 x 42 x 11 mm	5203 000 074
52	Washer for manual slack adjuster	22,5 x 42 x 6 mm	5203 000 077
54	Counternut	M22 x 1,5	6143 712 519
55	Dust sleeve for brake camshaft	41 x 25 mm	6142 317 412
55a	Shaft sealing ring for brake camshaft	34 x 26 mm	6031 204 310
55b	Shaft sealing ring for brake camshaft	41 x 19 mm	6031 204 312
56	Security clamp for brake camshaft bearing		5200 000 021
57	Tension spring for brake slack adjuster	2,8/25,8 x 148 mm	5207 203 067
59	Slack adjuster, manual, straight	120/150/180/220/250 mm	5209 319 019
59	Slack adjuster, automatic, straight	Hole size 105/120/135/150/165/180/250 mm	5209 319 300
61	Fixed point plate for automatic slack adjuster, right		5209 404 042
61a	Fixed point plate for automatic slack adjuster, left		5209 404 043
72	Brake lining set 3020 +0, normal dimension	300 x 200 mm	5209 317 084
72	Brake lining set 3020 +1, 1. oversize	300 x 200 mm	5209 317 085
73	Brake shoe set 3020 (incl. fig. 72, 74, 82, 83)	300 x 200 mm	5209 317 840
74	Brake shoe set 3020, without lining	300 x 200 mm	5209 322 049
76	Camshaft roller set, with pin and roller		5203 000 064
80	Brake pad rivet	∅ 8/Length 15 mm	5202 950 001
82	Reset spring	∅ 28 x 5/Length 177 mm	5209 361 022
83	Fixed point spring		5209 361 021
84a	On request		
86	Brake drum 3020	300 x 200/Height 260 mm	5201 049 114
87	ABS ring, Number of teeth 80		5209 264 049
87a	Attachment screw for pulse wheel, ULS	M5 x 10	5201 605 010

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Fig.	Description	Dimensions	Order no.
89	On request		
89a	Clamping sleeve for ABS sensor		0687 605 104
89b	Stopper	22 x 4,4/Height 23 mm	5209 237 017
89c	On request		
91	Wheel bolt	M22 x 1,5/Length 100 mm	5208 804 505
for middle centering type S, SM			
94	Wheel nut	M22 x 1,5/Spanner size 32 mm	5208 606 072
94	Wheel nut	M22 x 1,5/Spanner size 33 mm	5203 000 034
93	Retainer ring	21,5 x 24,5 x 18 mm	5209 268 001
for stud centering type SF			
94	Wheel nut	M22 x 1,5/Spanner size 32 mm	5208 804 510
93	Split washer	∅ 22,5 x 34/8	5208 804 515
93a	Retainer ring	∅ 22,5 mm	5208 804 520
98	Wheel-hub cap	M170 x 2/Spanner size 160 mm	5209 237 085
98a	O-ring	160 x 3 mm	5202 500 160
101	Cover plate, top		5209 384 403
102	Cover plate, bottom		5209 384 404
103	Attachment screw	M10 x 16	5203 000 021
103a	Intermediate piece	Length 36 mm/M10	5209 271 046
105	Cable grommet		5208 710 177
107	Clamping tape		5209 110 002
111	Stopper	∅ 25,4 mm	5200 000 017



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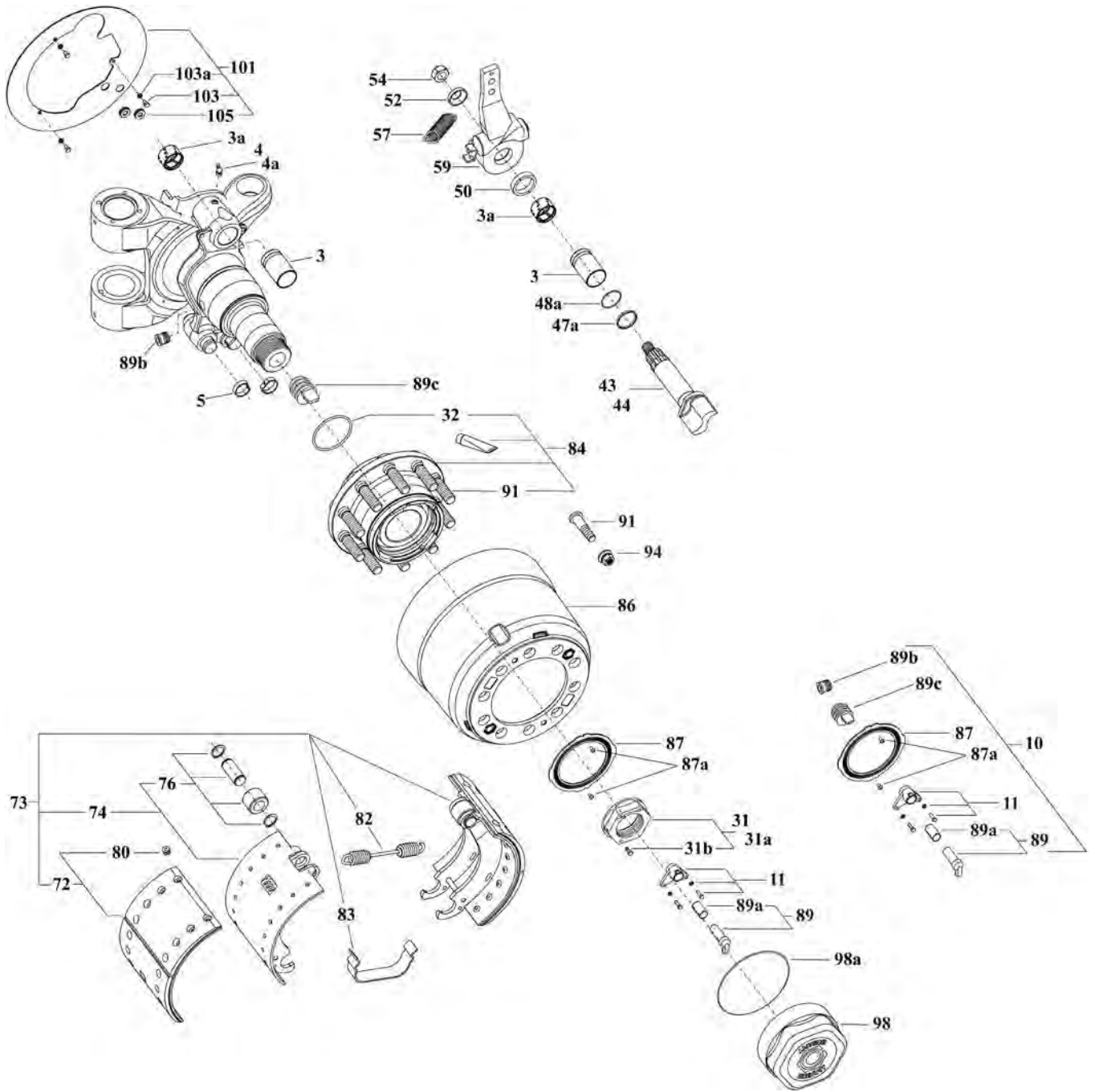
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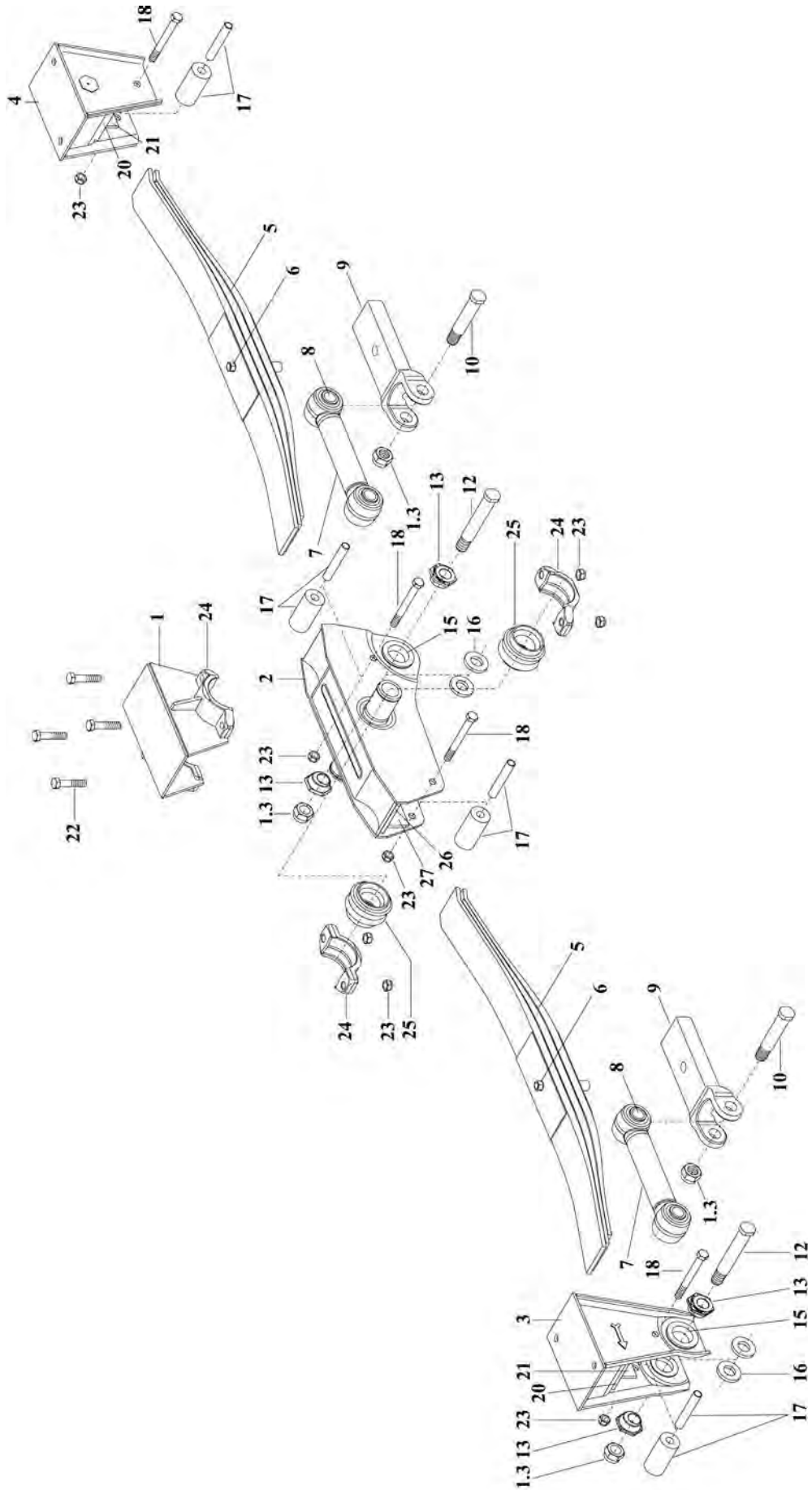
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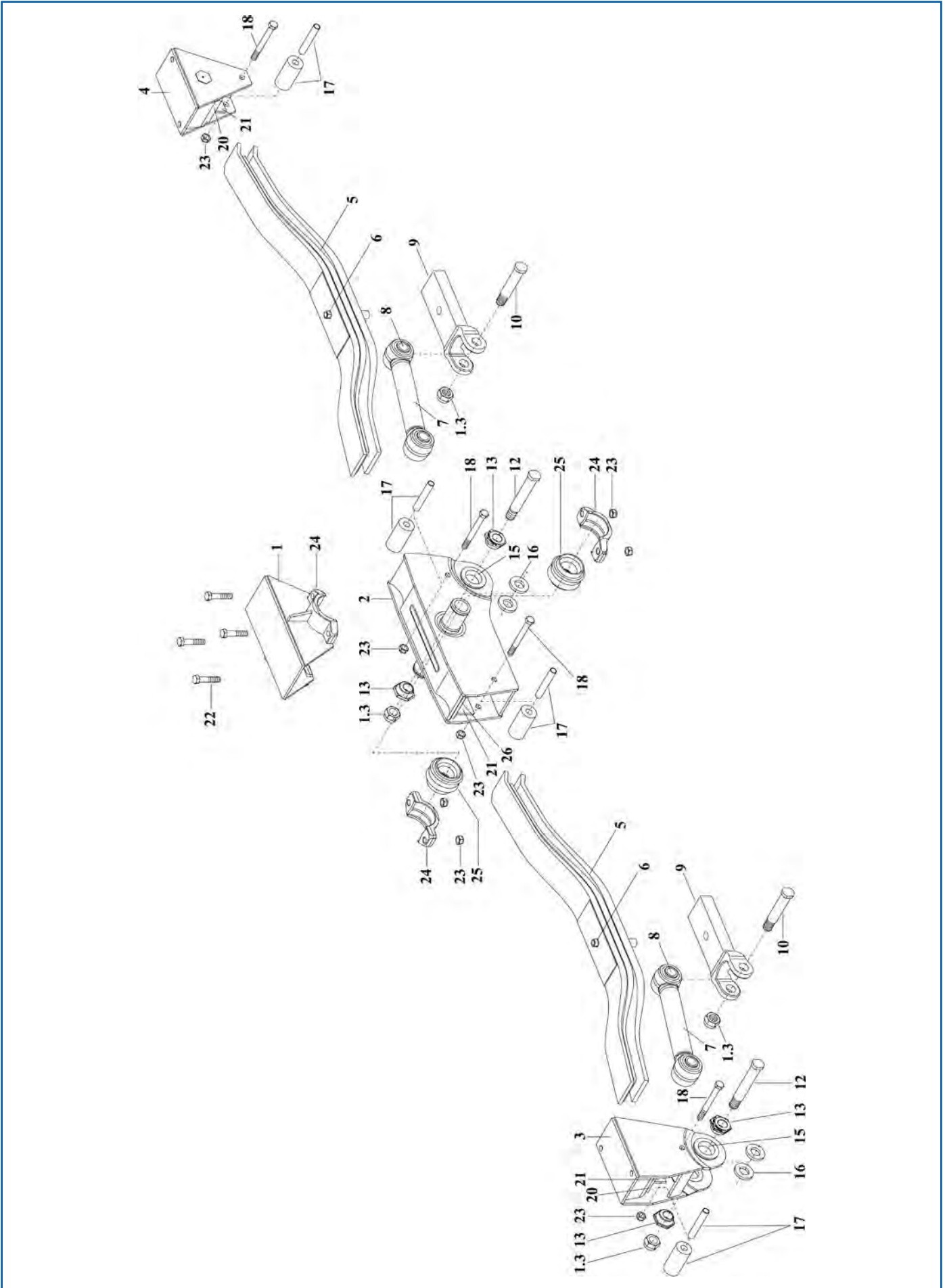
Service parts**suitable for GNKH2 12010 3020 self-steering axle 12 t drum brake 300 x 200 - ZO**

Fig.	Description	Dimensions	Order no.
1	On request		
3	Bushing	42 x 46/Width 72,6 mm	6142 235 541
3a	On request		
4	On request		
4a	Protective cap		5203 000 037
5	Fixed point ring	31,5 x 35,5/Width 9,7 mm	5209 215 011
5	Split washer	∅ 10 mm	5208 804 470
10	ABS kit 80D-K82 (incl. fig. 11, 87, 87a, 89, 89c)		5203 000 067
11	Sensor bracket kit for ABS rod sensor, with bolts and washers		5209 317 752
31	Axle nut with screw, right	M68 x 1,5/Spanner size 95 mm	5209 400 535
31a	Axle nut with screw, left	M68 x 1,5/Spanner size 95 mm	5203 000 069
31b	Bolt, DIN 933	M6 x 16	5203 000 015
32	O-ring	∅ 84/Thickness 4 mm	5203 000 027
43/44	On request		
47a	Plastic bush	42 x 46 x 4 mm	5203 000 075
48a	O-ring	40 x 2,5 mm	6136 780 341
50	On request		
52	Washer for automatic slack adjuster	22,5 x 42 x 11 mm	5203 000 074
54	Counternut, DIN 980	M22 x 1,5	5200 012 202
57	Tension spring for linkages	∅ 25,8 x 2,8/Length 148 mm	5203 000 073
59	On request		
72	Brake lining set 3020 +0, normal dimension	300 x 200 mm	5209 317 084
72	Brake lining set 3020 +1, 1. oversize	300 x 200 mm	5209 317 085
73	Brake shoe set 3020 (incl. fig. 72, 74, 82, 83)	300 x 200 mm	5209 317 840
74	Brake shoe set 3020, without lining	300 x 200 mm	5209 322 049
76	Camshaft roller set, with pin and roller		5203 000 064
80	Brake pad rivet	∅ 8/Length 15 mm	5202 950 001
82	Reset spring	∅ 28 x 5/Length 177 mm	5209 361 022
83	Fixed point spring		5209 361 021
84	Wheel hub complete, with wheel studs (fig. 91) and O-rings (fig. 32 and 98a)		5203 000 068
86	Brake drum	300 x 260 mm	5209 380 037
87	ABS ring, Number of teeth 80		5209 264 049
87a	Attachment screw for pulse wheel, ULS	M5 x 10	5201 605 010
89	On request		
89a	Clamping sleeve for ABS sensor		0687 605 104
89b	Stopper	22 x 4,4/Height 23 mm	5209 237 017
89c	On request		
91	Wheel bolt	M22 x 1,5/Length 108 mm	5209 713 579
94	Wheel nut	M22 x 1,5/Spanner size 32 mm	5208 606 072
94	Wheel nut	M22 x 1,5/Spanner size 33 mm	5203 000 034
98	Wheel-hub cap	M170 x 2/Spanner size 160 mm	5209 237 085
98a	O-ring	160 x 3 mm	5202 500 160
101	On request		
103	On request		
103a	Washer, DIN 125	Inner ∅ 6 mm	5203 000 033
105	Cable grommet		5203 000 070



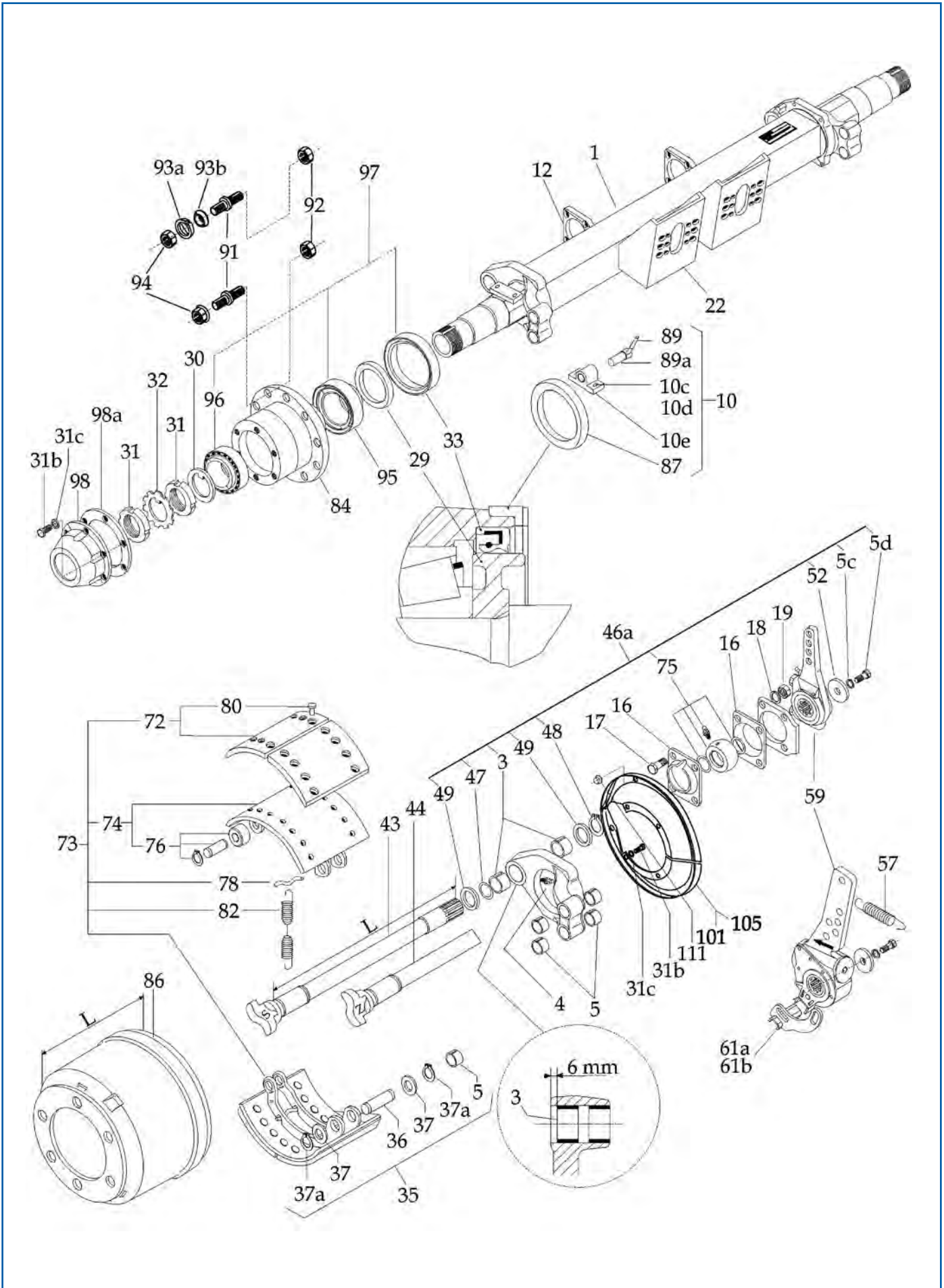
Service parts suitable for LK 16-1310 spring assembly

Fig.	Description	Dimensions	Order no.
1	Main suspension LK 1310		5200 120 020
1, 3	Counternut, DIN 980	M27 x 1,5	5200 012 702
2	Balancing cradle LK 1310		5200 460 020
3	On request		
4	On request		
5	On request		
6	On request		
7	Trailing arm with silent bush	Length 303 mm	5200 520 303
8	Silent block LK 16/22		5200 199 041
9	Control plate for 100 mm spring		5200 481 001
10	Control pin	Length 118 mm, M27 x 1,5	5200 160 118
12	On request		
13	Eccentric bush for air spring support		5201 490 170
15	Bushing, conical		5200 489 035
16	Distance plate	Thickness 8 mm	5200 479 018
17	Spacer bushing kit for sliding shoes, with rubber roller FB 100, bolt and nut		5200 089 317
18	Bolt, DIN 931	M16 x 150	7719 311 615
20	Gliding plate	155 x 100/Thickness 8 mm	5200 130 034
21	Retaining plate	65 x 65/Thickness 7 mm	5200 360 012
22	On request		
23	Counternut, DIN 980	M16	5200 011 602
24	Bearing shell for balancing cradle		5200 140 000
25	Rubber bearing bush for balancing cradle		5200 199 012
26	Gliding plate	120 x 100/Thickness 8 mm	5200 130 033
27	Retaining plate	65 x 65/Thickness 8 mm	5200 360 115



Service parts suitable for LK 16-1400 spring assembly

Fig.	Description	Dimensions	Order no.
	Main suspension LK 1400, complete		5200 161 070
1	On request		
1, 3	Counternut, DIN 980	M27 x 1,5	5200 012 702
2	Balancing cradle LK 1400		5200 460 001
3	On request		
4	On request		
5	On request		
6	On request		
7	Trailing arm LK 1400, with silent bush	Length 353 mm	5200 520 353
8	Silent block LK 16/22		5200 199 041
9	Control plate for 100 mm spring		5200 481 001
10	Control pin	Length 118 mm, M27 x 1,5	5200 160 118
12	On request		
13	Eccentric bush for air spring support		5201 490 170
15	Bushing, conical		5200 489 035
16	Distance plate	Thickness 8 mm	5200 479 018
17	Spacer bushing kit for sliding shoes, with rubber roller FB 100, bolt and nut		5200 089 317
18	Bolt, DIN 931	M16 x 150	7719 311 615
20	Gliding plate	155 x 100/Thickness 8 mm	5200 130 034
21	Retaining plate	65 x 65/Thickness 7 mm	5200 360 012
22	On request		
23	Counternut, DIN 980	M16	5200 011 602
24	Bearing shell for balancing cradle		5200 140 000
25	Rubber bearing bush for balancing cradle		5200 199 012
26	Gliding plate	120 x 100/Thickness 8 mm	5200 130 033



Service parts**suitable for SV2 06706 3015 rigid axle 6,7 t drum brake 305 x 150 - SO/ZO**

Fig.	Description	Dimensions	Order no.
1	On request		
3	Bearing bush	37 x 40/Length 25 mm	5208 804 400
4	Lubricating nipple, DIN 71412 H2, 45°	M8	5202 411 002
5	Bearing bush	27 x 30/Length 20 mm	9902 001 001
5c	Split washer	∅ 10 mm	5208 804 470
5d	Attachment screw	M10 x 20	5208 804 465
10	On request		
10c	Attachment screw	M5 x 12	5201 305 012
10d	Washer	∅ 5 mm	5202 804 027
10e	Sensor bracket, 2-hole		5208 902 031
12	On request		
16	Bearing bracket		5208 406 053
17	Attachment screw, DIN 931	M12 x 35	5208 804 410
18	Washer	∅ 12 mm	5208 804 415
19	Hexagon nut	M12	5208 804 420
22	Base plate for brake cylinder bracket		5203 000 090
29	Impact ring	70 x 120 x 20 mm	5208 610 225
30	Washer	60 x 80 x 3 mm	5206 503 024
31	Axle nut	M60 x 2	5206 405 028
31b	Attachment screw	M8 x 16	5201 308 016
31c	Washer	8 x 14 x 1,8 mm	5202 803 008
32	Lock washer	60,8 x 1,5 mm	5202 304 060
33	Shaft sealing ring	120 x 140 x 13 mm	5202 002 106
35	Repair kit for fixed point, 15"		5208 910 060
36	Brake shoe pin		9908 709 045
37	Washer	27,5 x 40 x 2 mm	9906 707 005
37a	Circlip	∅ 26 mm	9902 102 026
43	Brake camshaft S	497 mm	5202 600 497
43	Brake camshaft S	594 mm	5202 600 594
43	Brake camshaft S	657 mm	7980 000 386
44	Brake camshaft Z	497 mm	5202 601 497
44	Brake camshaft Z	594 mm	5202 601 594
44	Brake camshaft Z	657 mm	7980 000 387
46a	Repair kit for brake camshaft bearing, 15"/20"		5208 804 435
47	O-ring	34,59 x 2,62 mm	5202 501 024
48	Circlip	∅ 37 mm	5208 804 440
49	Washer	39 x 58 x 1,5 mm	5208 804 450
52	Washer	11 x 38 x 4 mm	5208 804 460
57	Tension spring for brake slack adjuster	2,8/25,8 x 148 mm	5207 203 067
59	Slack adjuster, manual, straight	120/150/175/200 mm	5208 711 482
59	Slack adjuster, automatic, 130° offset	105/127/140/153/178/250 mm	3400 079 149
61a	Stop angle, left, 130°		5209 344 022
61b	Stop angle, right, 130°		5209 344 023
72	Brake lining set 3015 +1, 1. oversize	305 x 150 mm	5209 012 402
72	Brake lining set 3015 +0	305 x 150 mm	5209 012 302
73	Brake shoe set 3015, with lining (Fig. 72, 74, 78, 82)	300 x 150 mm	5209 317 845
74	Brake shoe set 3015, without lining	305 x 150 mm	5209 101 137
75	Repair kit for ball socket, with seal and lubrication nipple	∅ 37 mm	5208 804 445
76	Camshaft roller set, with pin and roller		5208 910 070
78	Spring transverse		5208 804 405
80	Brake pad rivet	∅ 8/Length 15 mm	5202 950 001

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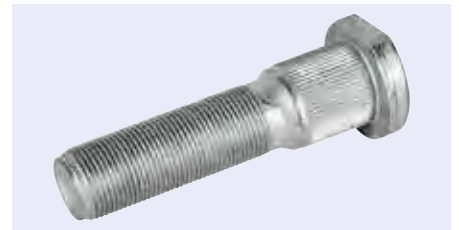
Fig.	Description	Dimensions	Order no.
82	Reset spring	∅ 28 x 5/Length 177 mm	5209 361 022
84	Wheel hub Type 857	6 x 18/Hole circle ∅ 205 mm	5208 804 388
86	Brake drum 3015	305 x 105/Height 206 mm	5206 801 073
87	ABS ring, Number of teeth 80	∅ 148 mm	5208 706 038
89	On request		
89a	Clamping sleeve for ABS sensor		0687 605 104
91	Wheel bolt, long	M18 x 1,5/Length 96 mm	5209 226 016
92	Counternut	M20 x 1,5/Spanner size 32 mm	5202 208 018
for middle centering type S, Z			
94	Wheel nut	M18 x 1,5/Spanner size 27 mm	5207 204 022
for stud centering type SF, ZF			
94	Wheel nut	M18 x 1,5/Spanner size 24 mm	5202 214 003
single tyres SF, double tyres ZF			
93a	Split washer, DIN 74361, Form C	∅ 18,5 mm	5202 804 103
twin tyres ZF			
93b	Split washer	∅ 18 mm	5202 804 113
95	Tapered roller bearing 322 14, outside	70 x 125/Height 33,25 mm	5203 000 094
96	Tapered roller bearing 322 12	60 x 110/Height 29,75 mm	8001 322 122
97	Repair kit wheel bearing, complete for 1 hub with seal		5209 317 112
98	Wheel-hub cap, 5-hole		5208 804 007
98a	Flat seal for pin centering		5208 804 008
101	Cover plate 3012/3015		5207 005 026
105	Cable grommet		5208 710 177
111	Stopper	∅ 16 mm	5208 411 080

Wheel bolt

Thread M22 x 1,5
Length 108 mm

Order no.
5209 713 579

Comparative no.
Gigant 709713579





Air spring/Air spring bellows

Description	Version	Fig.	Order no.	Comparative no.
Air spring	with steel piston	1	5210 166 217	Gigant 700166217
Air spring	with steel piston	2	5210 166 252	Gigant 700166252
Air spring bellows	with lid, without piston	3	1720 296 403	Gigant 700246149
Air spring bellows	with plate, without piston	4	1788 400 701	Gigant 700247104



Air spring/Air spring bellows

Description	Version	Order no.	Comparative no.
Air spring	with steel piston	5200 166 217	Gigant 700166217
Air spring	with steel piston	5200 166 252	Gigant 700166252
Air spring bellows	with lid, without piston	5200 247 104	Gigant 700247104

Air spring bellows

upper attachment: 2 stay bolts, M12, air connection: internal thread M22 x 1.5

Order no.	Comparative no.
5200 166 269	Gigant 700166269



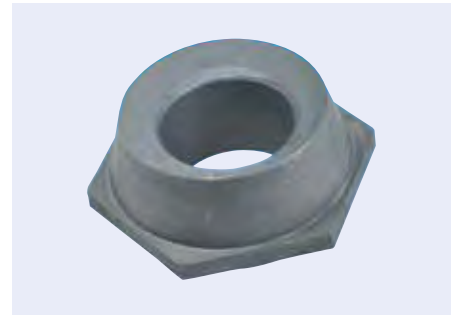
Eccentric bush for air spring support

Outer Ø 47 mm
Inner Ø 30 mm
Height 25 mm
Spanner size 60 mm

Application range
for tracking adjustment

Order no.

5200 149 017



Pitman spring

Number of leaves 1

This figure corresponds to 1027 158 100



Width	Crank	Length at rear	Length at front	Order no.	Comparative no.
80 mm	34 mm	370 mm	430 mm	1027 158 100	Gigant 700639007
100 mm	155 mm	465 mm	500 mm	1027 157 200	Gigant 700639002
100 mm	155 mm	465 mm	500 mm	1027 175 200	Gigant 700649003

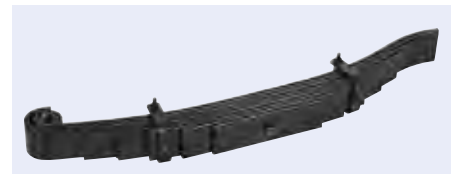
Parabolic spring

Number of leaves 2
Width 80 mm
Bushing front 20/52 mm
Form 13
Length at rear 570 mm
Length at front 518 mm

Order no.	Comparative no.
5200 949 044	Gigant 700949044

Leaf spring

This figure corresponds to 1027 040 000



Number of leaves	Bushing front	Width	Camber	Length at rear	Length at front	Order no.	Comparative no.
2	20/52 mm	80 mm	60 mm	440 mm	385 mm	1027 101 800	Gigant 700949027
3		100 mm	69 mm	524 mm	490 mm	1027 082 900	Gigant 700419061
7	26/30 mm	70 mm	60 mm	435 mm	382 mm	1027 040 000	Gigant 700909020

Rubber bearing bush

Application range
assembly LK17

Order no.

5200 199 012



1

Axle and running gear

Spring hoop

Thread M24 x 3

This figure corresponds to 1301 539 320



Length	Clearance	Form	Order no.	Comparative no.
280 mm	101 mm	0	1098 539 280	Gigant 00191028
282 mm	128 mm	3	9180 003 747	Gigant 70M009007
300 mm	101 mm	0	1301 539 300	Gigant 700190931
320 mm	101 mm	0	1301 539 320	Gigant 700190933

Bushing

Outer \varnothing 67/88 mm
Inner \varnothing 51 mm
Length 112 mm

Order no.

9180 000 180

Comparative no.

Gigant 70M017905



Wheel hub

Order no.

5209 272 683

9180 069 034

9180 001 375

Comparative no.

Gigant 709317868

Gigant 700000481

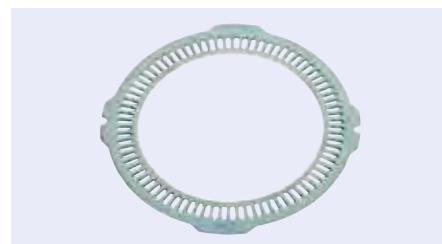
Gigant 70M009406

ABS ring

Application range
drum brake

This figure corresponds to 5209 264 049

Number of teeth	Outer \varnothing	Order no.	Comparative no.
80	168 mm	5208 706 039	Gigant 708706039
80	194 mm	5209 264 004	Gigant 709264004



Axle nut

Thread M68 x 1,5
Spanner size 95 mm

Scope of supply
with screw

Installation side	Order no.	Comparative no.
left	5203 000 069	Gigant 709317883
right	5209 400 535	Gigant 709317882



Axle nut

Thread M68 x 1,5
Spanner size 95 mm

Installation side	Order no.	Comparative no.
left	5209 400 473	Gigant 709400473
right	5209 400 472	Gigant 709400472

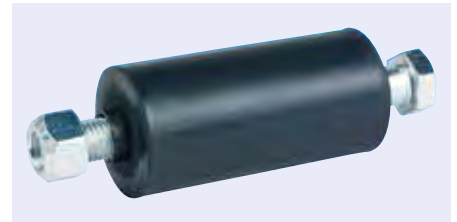


Spacer bushing kit

Application range
LK assemblies

Scope of supply
with rubber roller FB 100, bolt and nut

Order no.	Comparative no.
5200 089 317	Gigant 700162969



Slack adjuster automatic, S-ABA

Form straight
Angle of tilt +20°
Toothed hub profile SAE 1 1/2" 10
Hole size 105/120/135/150/165/180/250 mm
Number of holes 7

Order no.	Comparative no.
5209 319 300	Haldex 80108C



EUROPART PREMIUM PARTS

TRUCK RACE
Approved

EUROPART PREMIUM PARTS



Identification of JOST trailer axles

If spare parts cannot be uniquely identified via the type plate information, use the Mercedes-Benz/JOST part number stamped on the component for identification of the spare part. If identification of the spare part is still not possible, we will be pleased to help. Contact us!

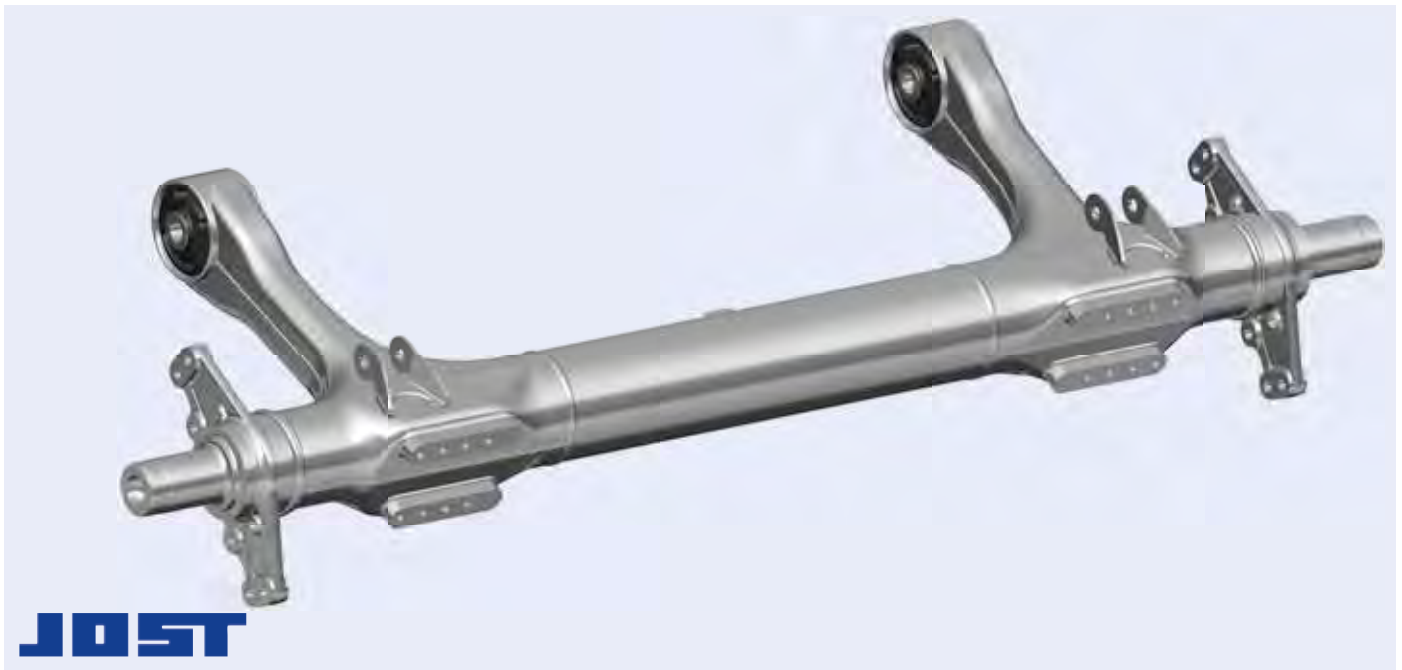


JOST Engineered by Mercedes-Benz	SN  www.dca-family.com
model TE5/8KC7-9	ID1- TE5
BM D749334	ID2- SK7
var. JX036041303	ID3- 11.772,0
SN 11444289	ID4- TDB0875
JOST no 1153175	Stat. 9000 kg Vmax 105 km/h

 Daimler AG Kassel - Germany www.dca-family.com	
model TE5/8KC7-9	ID1- TE5
type des. 749334	ID2- SK7
serial no. H485442	ID3- 11772
var. 036041303	ID4- TDB 0815
axle load 9.000	kg stat. perm. v max. 105 km/h

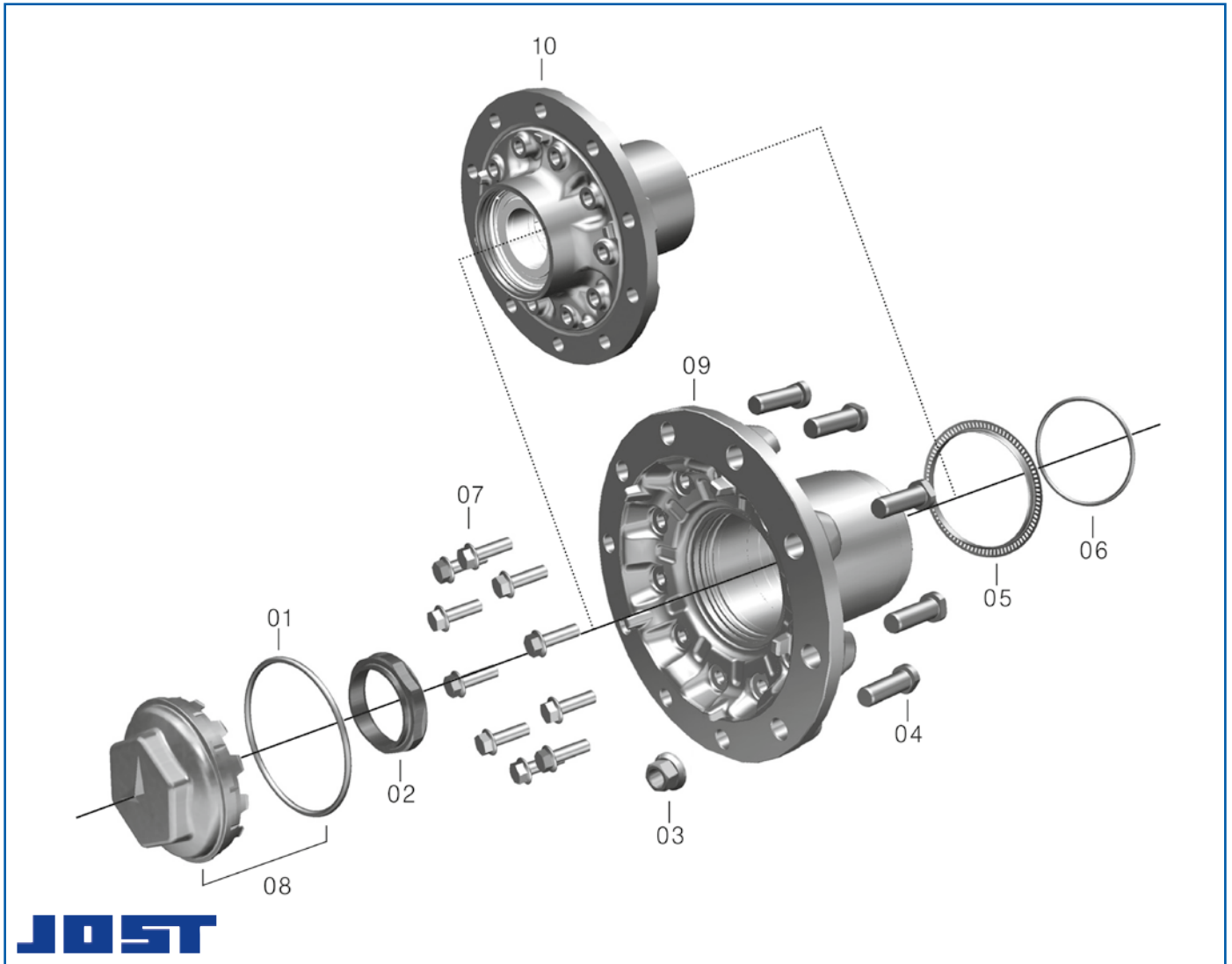
Type plate breakdown

- 1
 - TZ = rigid axle, offset 0
 - TE = rigid axle, offset 120
 - TL = steering axle, offset 120
- 2
 - 8 = version DCA
- 3
 - D749324, D749325, D749334, D749349 = DCA WEIGHTMASTER, DCA MEGAMASTER, DCA PAVEMASTER, DCA RAILMASTER
 - D749368, D749369 = version with tyre inflation system
 - D749360, D749361 = DCA AIRMASTER
 - D749308, D749309 = DCA STEERMASTER
- 4
 - TDB 0571 / 0876 = brake SN7-22,5"
 - TDB 0637 / 0874 = brake SN6-19,5"
 - TDB 0815 / 0875 = brake SK7-22,5"
 - TDB 0877 = brake DCA-L7-22,5"



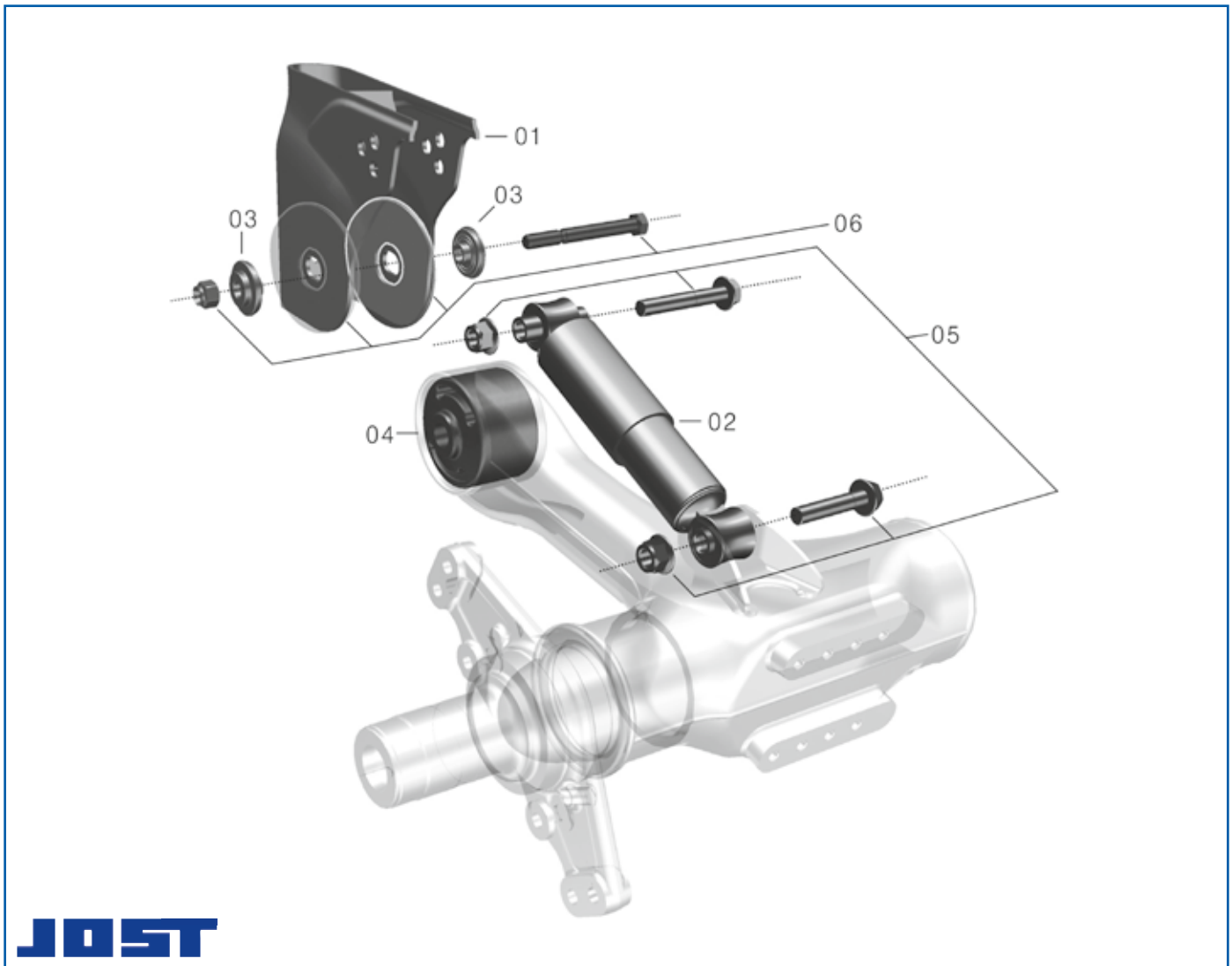
Service parts suitable for DCA axles/axle housings

Description	Dimensions	Order no.
Axle body, RS2010, FS1200	Press-in depth 120 mm	8050 210 208
Axle body, RS2040, FS1150	Press-in depth 120 mm	8050 210 308
Axle body, RS2040, FS1200	Press-in depth 120 mm	8050 210 408
Axle body, RS2040, FS1250	Press-in depth 120 mm	8050 210 508
Axle body, RS2040, FS1300	Press-in depth 120 mm	8050 210 608
Axle body, RS2090, FS1200	Press-in depth 120 mm	8050 210 708
Axle body, RS2090, FS1250	Press-in depth 120 mm	8050 210 808
Axle body, RS2090, FS1300	Press-in depth 120 mm	8050 210 908
Axle body, RS2090, FS1350	Press-in depth 120 mm	8050 211 008
Axle body, RS2140, FS1250	Press-in depth 120 mm	8050 211 108
Axle body, RS2140, FS1300	Press-in depth 120 mm	8050 211 208
Axle body, RS2140, FS1350	Press-in depth 120 mm	8050 211 308
Axle body, RS2140, FS1400	Press-in depth 120 mm	8050 211 408
Axle body, RS1990, FS1300	Press-in depth 120 mm	8050 211 508
Axle body, RS2040, FS1150	Press-in depth 0 mm	8050 211 608
Axle body, RS2040, FS1200	Press-in depth 0 mm	8050 211 708
Axle body, RS2090, FS1200	Press-in depth 0 mm	8050 211 808
Axle body, RS2090, FS1250	Press-in depth 0 mm	8050 211 908
Axle body, RS2140, FS1250	Press-in depth 0 mm	8050 212 008
Axle body, RS2140, FS1300	Press-in depth 0 mm	8050 212 108
Axle body, RS1940, FS1200	Press-in depth 120 mm	8050 212 208
Axle body, RS1990, FS1200	Press-in depth 120 mm	8050 212 308
Axle body, RS1990, FS1250	Press-in depth 120 mm	8050 212 408
Axle body, RS2040, FS1300	Press-in depth 120 mm-AIR	8050 212 508
Axle body, RS2090, FS1300	Press-in depth 120 mm-AIR	8050 212 608
Axle body, RS2140, FS1300	Press-in depth 120 mm-AIR	8050 212 708
Axle body, RS2140, FS1350	Press-in depth 120 mm-AIR	8050 212 808
Axle body, RS2140, FS1400	Press-in depth 120 mm-AIR	8050 212 908
Axle body, RS2040, FS1200	Press-in depth 120 mm-AIR	8050 213 008
Axle body, RS2090, FS1200	Press-in depth 120 mm-RFS	8050 213 108
Screw connection set, air spring beam type A, B, C, E	M14	8050 810 014
Screw connection set, air spring beam type D	M14	8050 810 114
Screw connection set, bearing block		8050 510 155



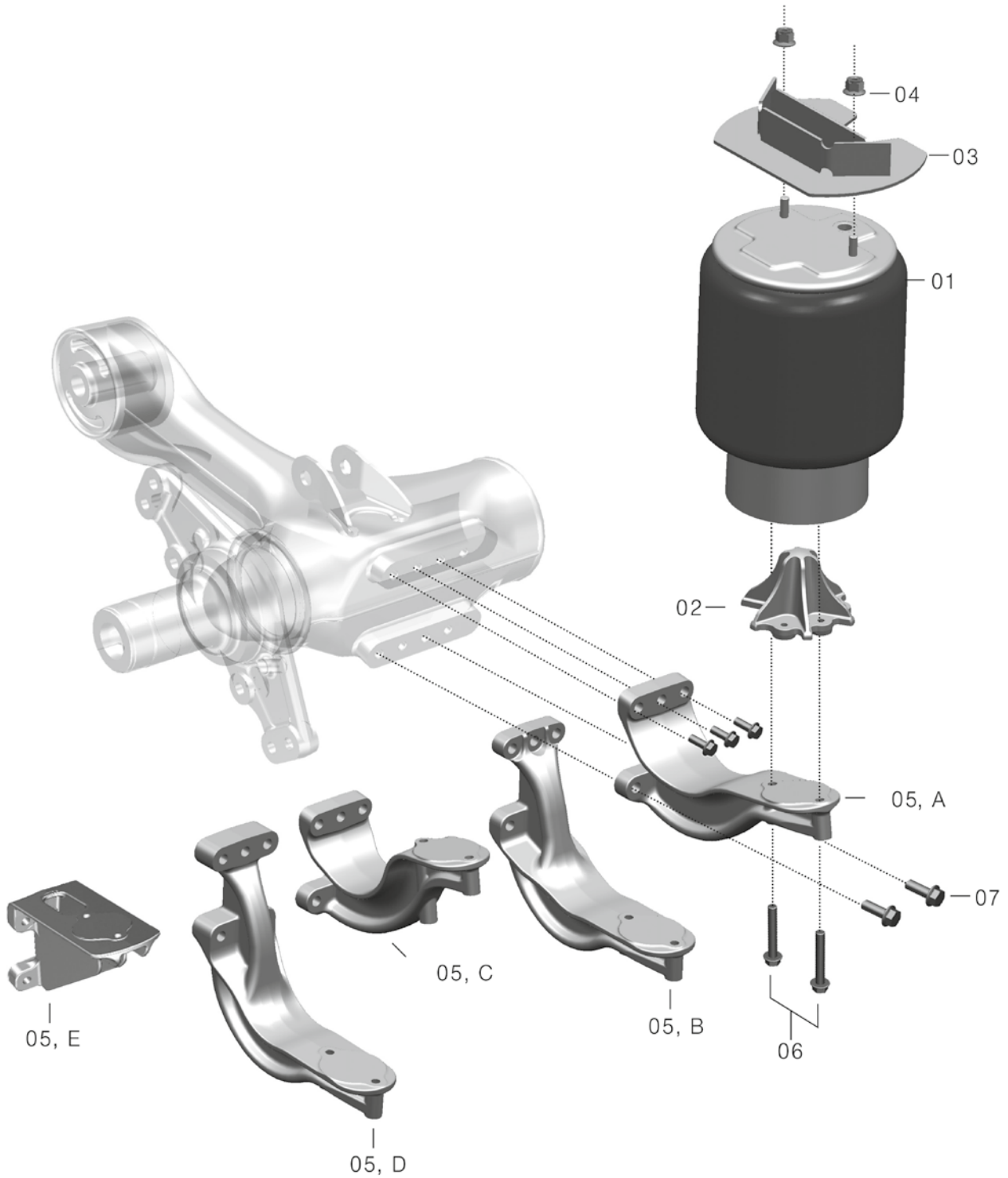
Service parts suitable for DCA axles/wheel hub

Fig.	Description	Dimensions	Order no.
01	O-ring	∅ 142 mm	8010 308 848
02	Hexagon nut	M80 x 1,5, right	8020 900 050
	Hexagon nut	M80 x 1,5, left	8020 900 150
03	Wheel nut	M22 x 1,5	8020 900 672
	Wheel nut set (10 piece)	M22 x 1,5	8090 067 210
04	Wheel bolt	M22 x 1,5 x 80 mm	8020 802 471
	Wheel bolt set (10 piece)	M22 x 1,5 x 80 mm	8080 247 110
05	ABS ring	Number of teeth 90	8020 300 515
06	O-ring	∅ 80 mm	8010 309 748
08	Wheel-hub cap, incl. O-ring		8050 300 420
09	Wheel hub, incl. compact bearing and 2 O-rings (80 and 142 mm) for wheel hub ...0501, ...2601 and ...2801	Press-in depth 120 mm	8050 302 801
10	Wheel hub, incl. compact bearing and 2 O-rings (80 and 142 mm) for wheel hub ...0601	Press-in depth 0 mm	8050 300 935



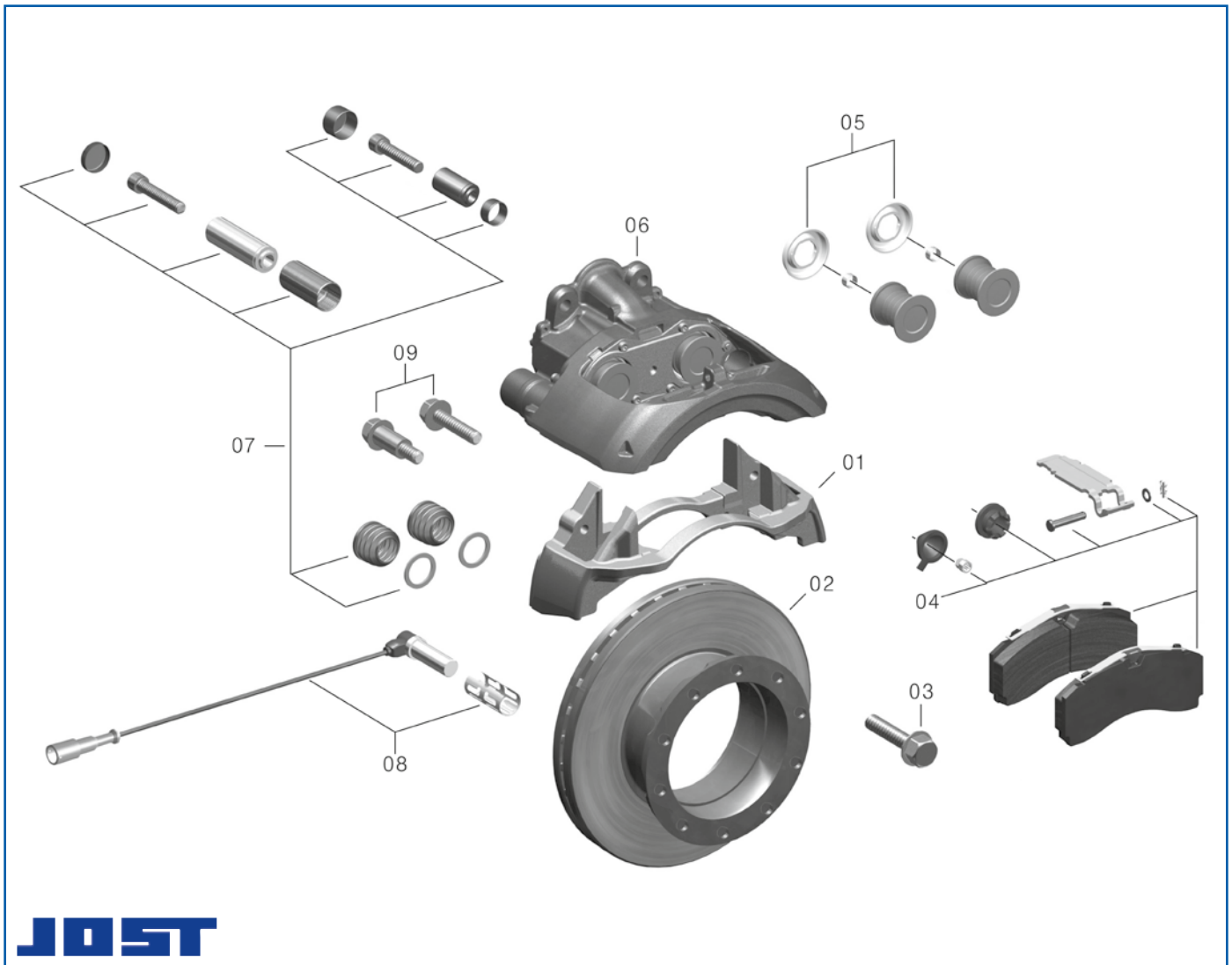
Service parts suitable for DCA-axes/front chassis linkage

Fig.	Description	Dimensions	Order no.
01	Pedestal	Height 250 mm	8010 506 578
	Pedestal	Height 325 mm	8010 506 678
	Pedestal	Height 400 mm	8010 506 778
	Pedestal	Height 250 mm	8010 507 178
	Pedestal	Height 325 mm	8010 507 278
02	Shock absorber	short, 279 mm	8010 500 500
	Shock absorber	long, 294 mm	8010 500 700
03	Pressure disc, for bearing block, steel		8020 500 476
	Pressure disc, for bearing block, KTL, stainless steel		8020 500 776
04	3D bearing bush		8020 500 250
05	Repair kit, shock absorber mounting		8050 510 055
06	Screw connection set, bearing block		8050 510 155
07	Repair kit, 3D bearing bush with screw connection		8050 510 050



Service parts suitable for DCA-axes/rear chassis linkage

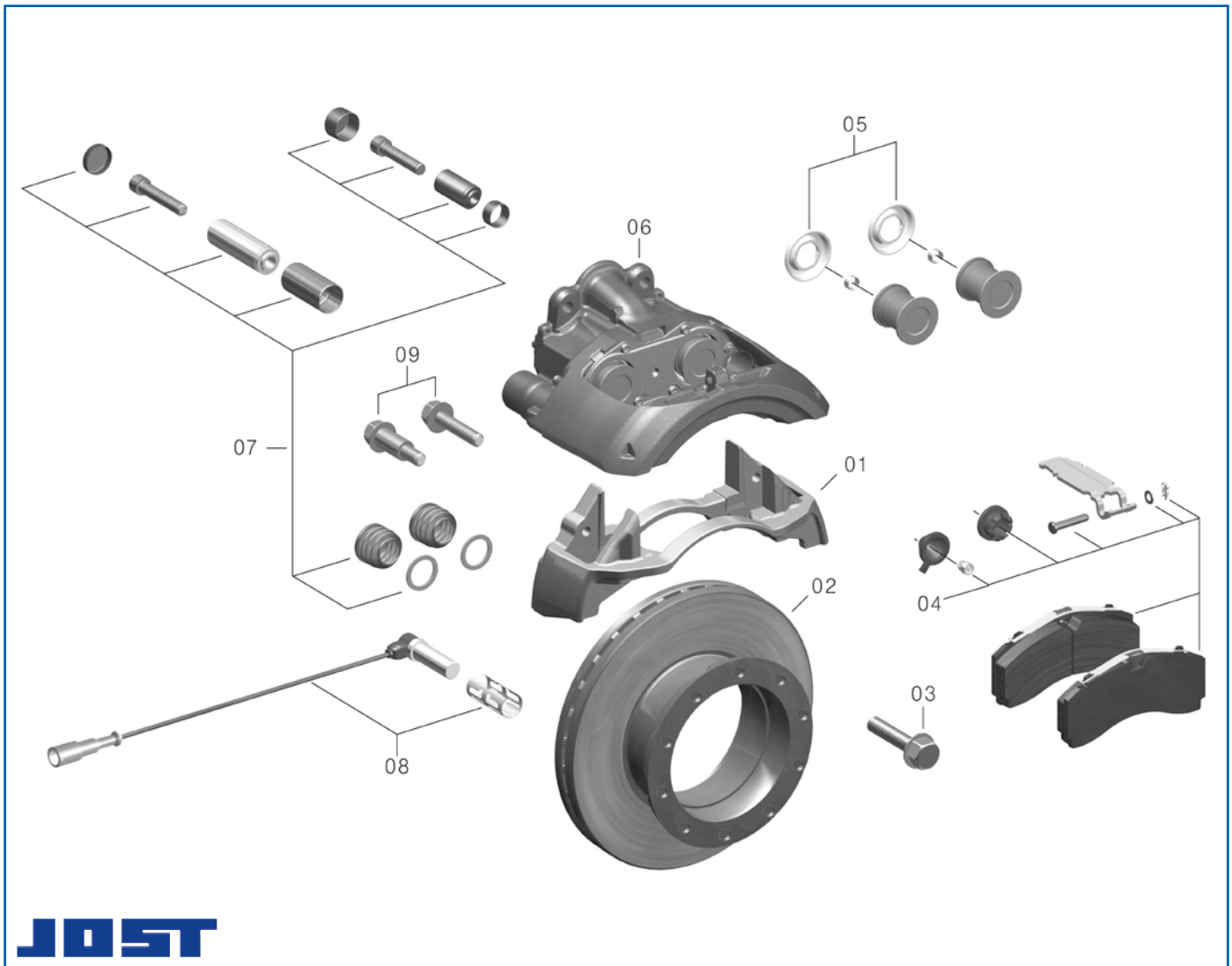
Fig.	Description	Dimensions	Order no.
01	Air spring, 360 L		8010 501 501
	Air spring, 360 K		8010 501 901
	Air spring, 306 M		8010 502 201
	Air spring, 300 S		8010 501 401
	Air spring, 300 I		8010 502 501
	Air spring, 300 R		8010 502 601
02	Centering cone		8020 500 011
03	Air-spring support	Height 5 mm	8010 507 035
	Air-spring support	Height 70 mm	8020 500 435
	Air-spring support	Height 100 mm	8020 500 635
	Air-spring support	Height 125 mm	8020 501 035
	Air-spring support	Height 155 mm	8020 500 835
	Air-spring support	Height 200 mm	8020 501 835
04	Nut	M12	8020 900 250
05	Air spring beam, component identification ...1241	M14	8050 510 034
	Air spring beam, component identification ...1141	M14	8050 510 334
	Air spring beam, component identification ...1341	M14	8050 510 234
	Air spring beam, component identification ...1441	M14	8050 510 734
	Air spring beam, component identification ...1841	M14	8050 510 934
	Air spring beam, component identification ...0841	M16	8050 510 434
	Air spring beam, component identification ...1541, ...0941	M16	8050 510 534
	Air spring beam, component identification ...1041	M16	8050 510 834
06	Screw connection set, Air spring, Type E		8050 810 012
	Screw connection set, Air spring, Type A, B, D		8050 810 712
	Screw connection set Air spring, C		8050 810 212
07	Screw connection set, air spring beam type A, B, C, E	M14	8050 810 014
	Screw connection set, air spring beam type D	M14	8050 810 114
	Screw connection set, air spring beam type A, B, C	M16	8050 810 016
08	Repair kit, offset plate tipper		8050 502 435



Service parts

suitable for DCA-axes/brake SN6-19,5", TDB 0637/0874

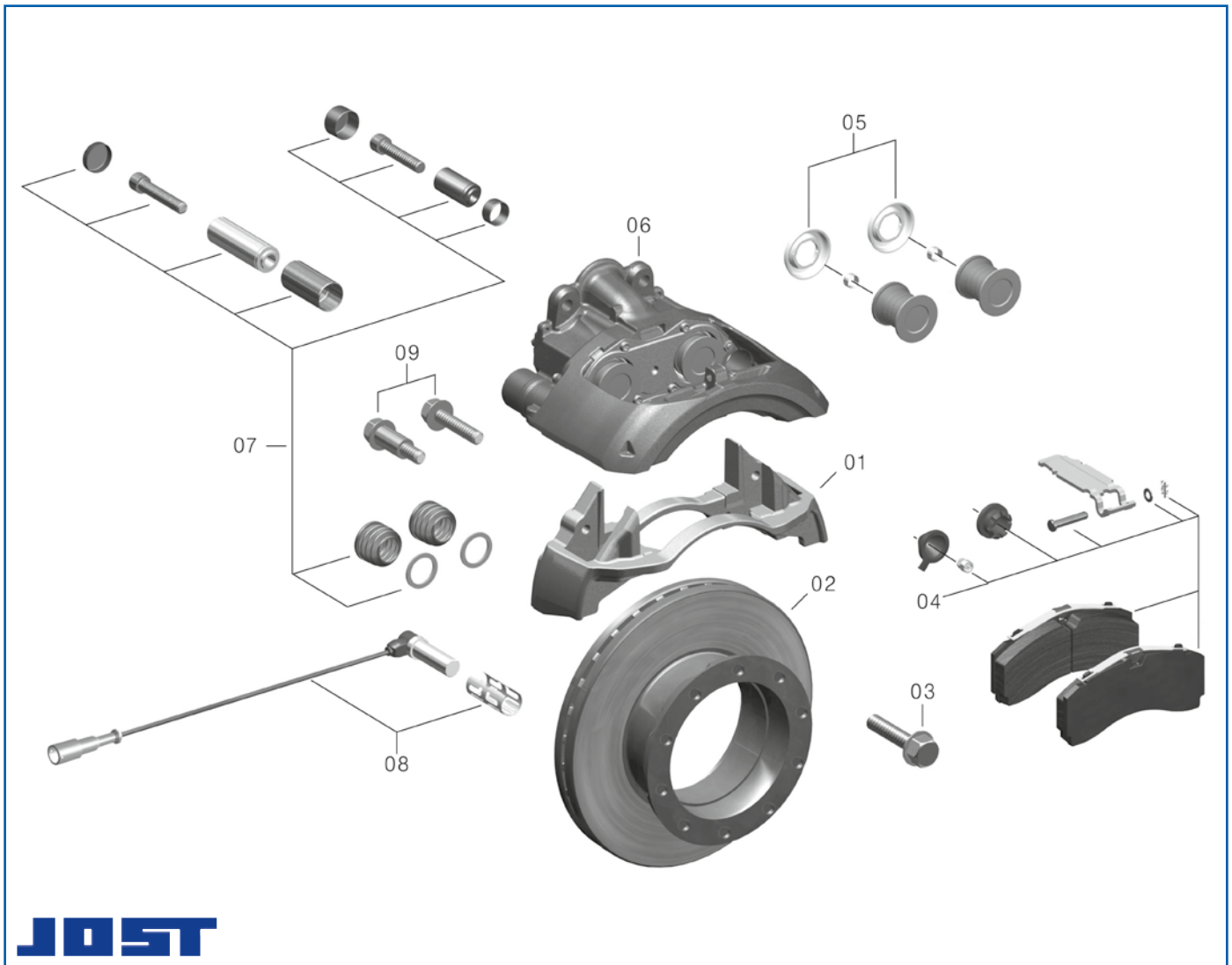
Fig.	Description	Dimensions	Order no.
01	Brake anchor plate		8010 402 006
02	Brake disc	19,5"/Number of holes 10	8010 400 012
03	Attachment screw set, (10 piece), for use with wheel hub ...2601 and ...2801	M14 x 1,5 x 45 mm	8081 001 410
	Attachment screw set, (10 piece), for use with wheel hub ...0501 and ...0601	M14 x 1,5 x 70 mm	8081 061 410
04	Brake pad set, for one axle		8050 407 820
05	Pressure pad set, SN6, SN7, SK7		8050 404 982
	Pressure pad set, SB6, SB7		8050 402 382
06	Brake caliper, left		8050 402 601
	Brake caliper, right		8050 402 701
07	Guide sealing set, incl. bellows open floating bearing (SN6, SB6, SB7)		8050 406 174
08	Speed sensor set for ABS		8050 410 055
09	Screw connection set for brake calipers		8050 410 155
10	Wear indicator, cable variant		8010 400 118



Service parts

suitable for for DCA axles/brake SN7-22,5", TDB 0571/0876

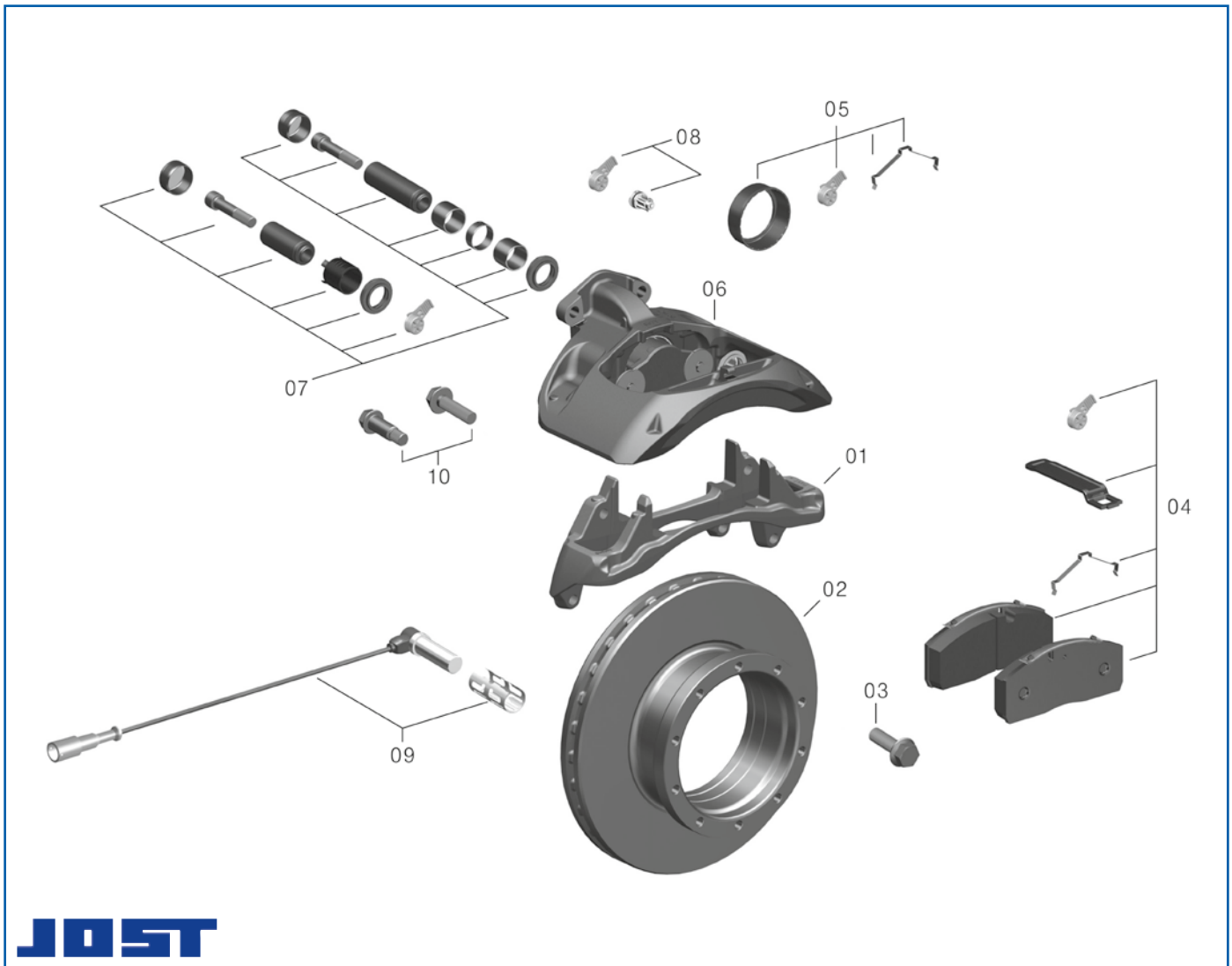
Fig.	Description	Dimensions	Order no.
01	Brake anchor plate		8010 402 506
02	Brake disc	22,5"	8010 400 112
03	Attachment screw set, (10 piece), for use with wheel hub ...2601 and ...2801	M14 x 1,5 x 45 mm	8081 001 410
	Attachment screw set, (10 piece), for use with wheel hub ...0501 and ...0601	M14 x 1,5 x 75 mm	8081 041 410
04	Brake pad set, for one axle		8050 401 020
05	Pressure pad set, SN6, SN7, SK7		8050 404 982
	Pressure pad set, SB6, SB7		8050 402 382
06	Brake caliper, left		8050 408 383
	Brake caliper, right		8050 408 483
07	Guide sealing set, with DU floating bearing (SN7, SK7)		8050 405 682
	Guide sealing set, incl. bellows open floating bearing (SN6, SB6, SB7)		8050 406 174
08	Speed sensor set for ABS		8050 410 055
09	Screw connection set for brake calipers		8050 410 155
10	Wear indicator, cable variant		8010 400 118



Service parts

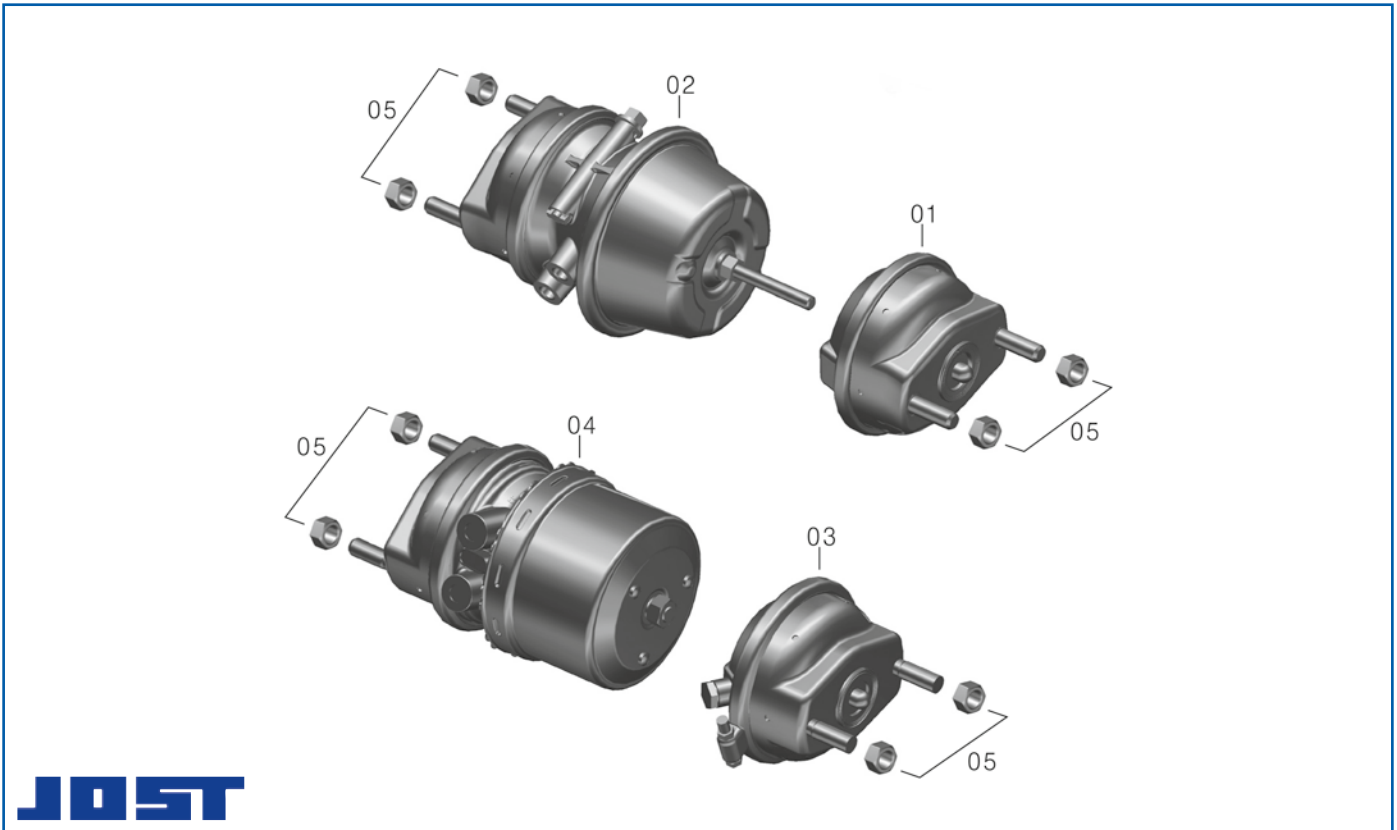
suitable for for DCA-axles/brake SK7-22,5", TDB 0815/0875

Fig.	Description	Dimensions	Order no.
01	Brake anchor plate		8010 403 906
02	Brake disc	22,5"	8010 400 112
03	Attachment screw set, (10 piece), for use with wheel hub ...2601 and ...2801	M14 x 1,5 x 45 mm	8081 001 410
	Attachment screw set, (10 piece), for use with wheel hub ...0501 and ...0601	M14 x 1,5 x 75 mm	8081 041 410
04	Brake pad set, for one axle		8050 407 020
05	Pressure pad set, SN6, SN7, SK7		8050 404 982
06	Brake caliper, left		8050 409 183
	Brake caliper, right		8050 409 283
07	Guide sealing set, with DU floating bearing (SN7, SK7)		8050 405 682
08	Speed sensor set for ABS		8050 410 055
09	Screw connection set for brake calipers		8050 410 155
10	Wear indicator, cable variant		8010 400 118



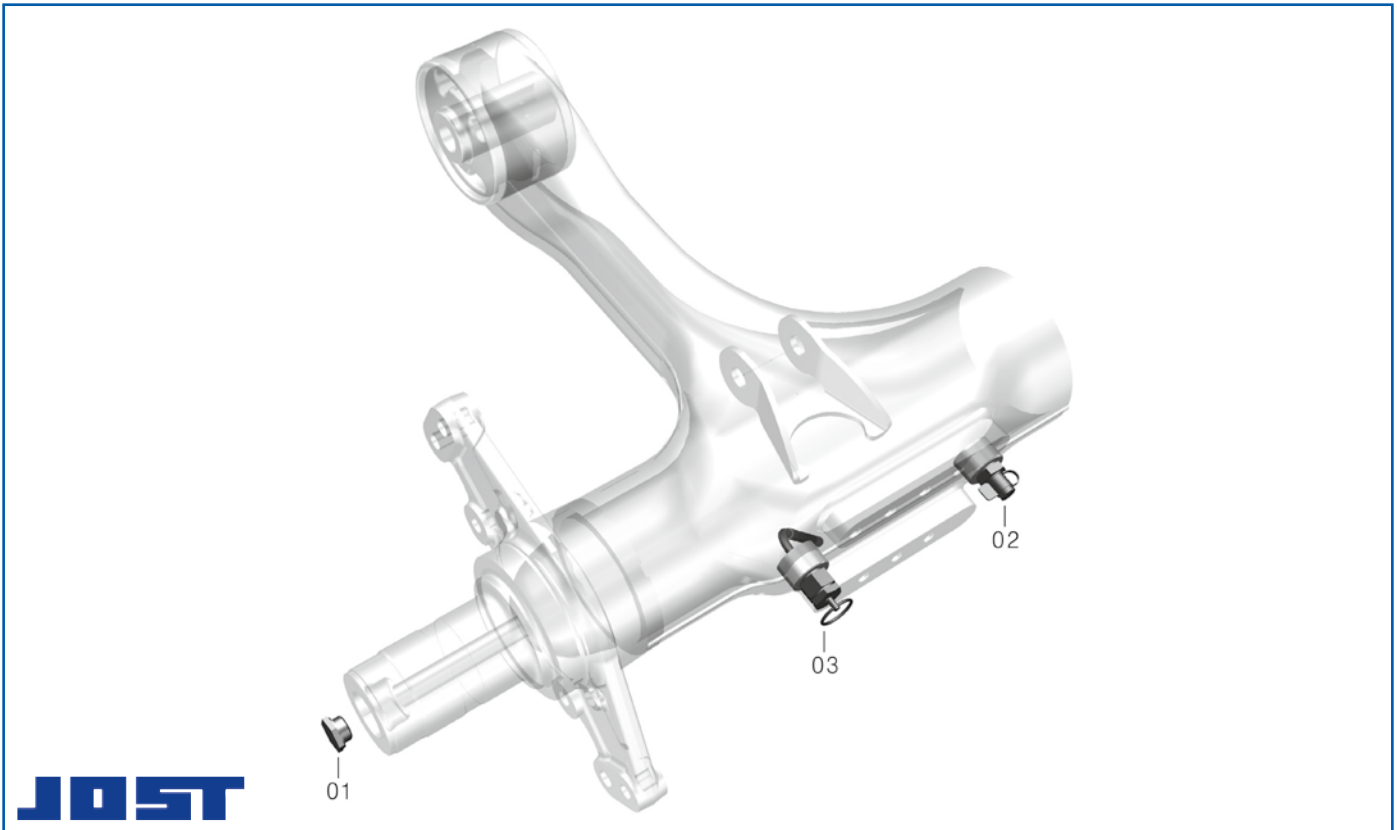
Service parts suitable for DCA axles/brake DCA-L7-22,5", TDB 0877

Fig.	Description	Dimensions	Order no.
01	Brake anchor plate		8050 410 006
02	Brake disc	22,5"	8010 400 112
03	Attachment screw set, (10 piece), for use with wheel hub ...2601 and ...2801	M14 x 1,5 x 45 mm	8081 001 410
04	Brake pad set, for one axle		8050 410 020
05	Repair kit bellows		8050 410 086
06	Brake caliper, left		8050 410 083
	Brake caliper, right		8050 410 183
07	Guide sealing set		8050 410 063
08	Repair kit brake adjuster		8050 410 007
09	Speed sensor set for ABS		8050 410 055
10	Screw connection set for brake calipers		8050 410 155
11	Wear indicator, cable variant		8050 410 017
12	Tool case for brake repairs		8070 410 000



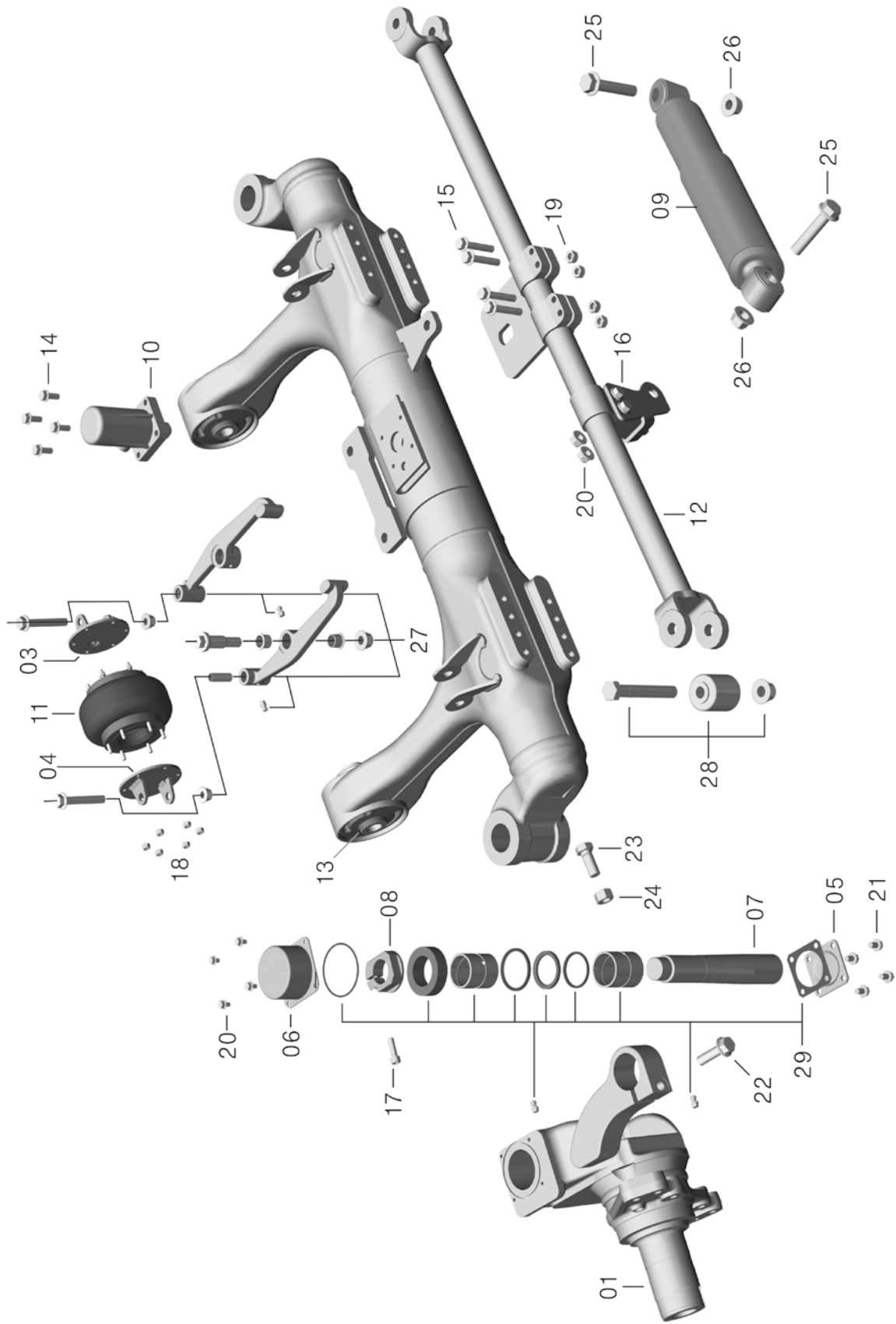
Service parts suitable for DCA-axes/brake chamber

Fig.	Description	Dimensions	Order no.
01	Membrane brake cylinder, closed clamping ring, left/right	16"	8010 408 524
02	Double diaphragm brake cylinder, left/right	16/24"	8010 406 518
03	Membrane brake cylinder, threaded clamping ring, left/right	16"	8010 405 224
	Membrane brake cylinder, threaded clamping ring, left/right	20"	8010 401 224
	Membrane brake cylinder, threaded clamping ring, left/right	22"	8010 401 324
	Membrane brake cylinder, threaded clamping ring, left/right	24"	8010 401 424
04	Combination brake cylinder, left	16/16"	8010 408 818
	Combination brake cylinder, right	16/16"	8010 408 918
	Combination brake cylinder, left	16/24"	8010 405 318
	Combination brake cylinder, right	16/24"	8010 405 218
	Combination brake cylinder, left	20/24"	8010 405 518
	Combination brake cylinder, right	20/24"	8010 405 618
05	Nut set, 2 piece	M16 x 1,5 x 10.9	8091 001 602



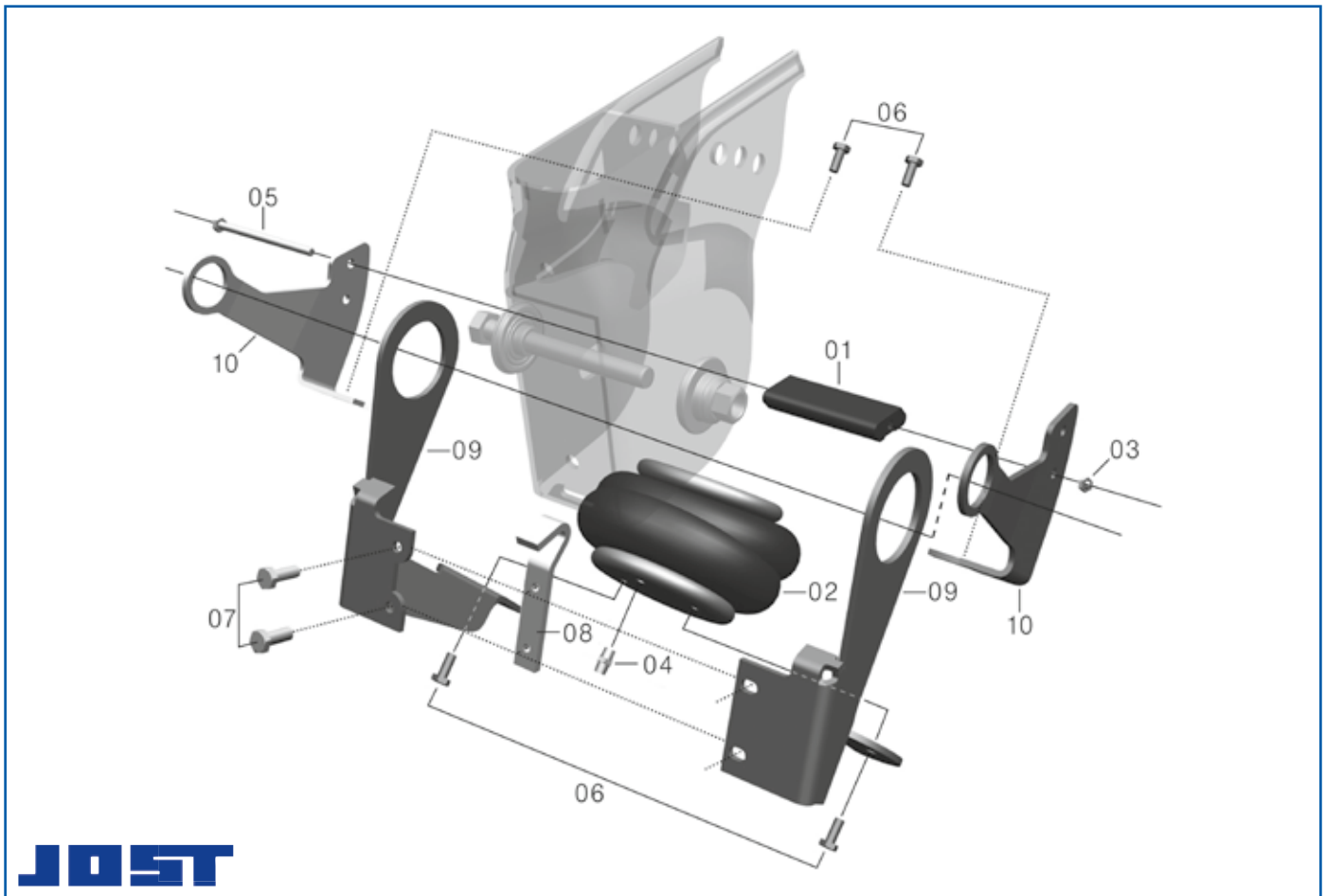
Service parts suitable for DCA-axles/DCA AIRMASTER (axle with pressure accumulator)

Fig.	Description	Order no.
01	Locking screw	8020 201 917
02	Test connection	8010 200 031
03	Dehumidification valve	8020 200 021



Service parts suitable for DCA-axes/DCA STEERMASTER (steering axle)

Fig.	Description	Dimensions	Order no.
01	Axle stubs, left		8010 601 044
02	Axle stubs, right		8010 601 144
03	Attachment plate with air connection, compensation bellows - steering axle		8010 600 041
04	Attachment plate, compensation bellows - steering axle		8010 600 141
05	Cover, steering knuckle bolt at bottom		8010 600 120
06	Cover, steering knuckle bolt at top		8010 600 220
07	Kingpin		8010 600 074
08	Self-locking nut		8010 600 072
09	Steering damper		8010 600 047
10	Locking cylinder		8010 600 022
11	Compensation bellows		8010 600 077
12	Steering Track Rod for 2040 wheel track		8010 601 707
	Steering Track Rod for 2090 wheel track		8010 601 807
	Steering Track Rod for 2140 wheel track		8010 601 907
13	3D bearing bush		8020 500 250
14	Attachment screw	M10 x 25, 10.9	8020 810 910
15	Attachment screw	M12 x 1,5 x 65 mm, 10.9	8020 810 612
16	Attachment screw	M12 x 1,5 x 85 mm, 10.9	8020 810 112
17	Attachment screw	M10 x 35, 10.9	8020 810 210
18	Nut	M8	8020 910 008
19	Nut	M12 x 1,5	8020 910 012
20	Attachment screw	M8 x 16, 10.9	8020 810 008
21	Attachment screw	M10 x 16, 10.9	8020 811 010
22	Attachment screw	M16 x 1,5 x 60 mm, 10.9	8020 810 216
23	Attachment screw	M20 x 70, 10.9	8020 810 820
24	Nut	M20	8020 910 120
25	Attachment screw	M20 x 1,5 x 100 mm, 10.9	8020 810 120
26	Nut	M20 x 1,5	8020 910 020
27	Repair kit, adjusting lever		8050 600 027
28	Repair kit, track rod adjustment		8050 601 803
29	Repair kit steering knuckle bearing		8050 600 620
30	Repair kit, 3D bearing bush with screw connection		8050 510 050
31	Repair kit lubrication nipple with protective cap		8051 110 088

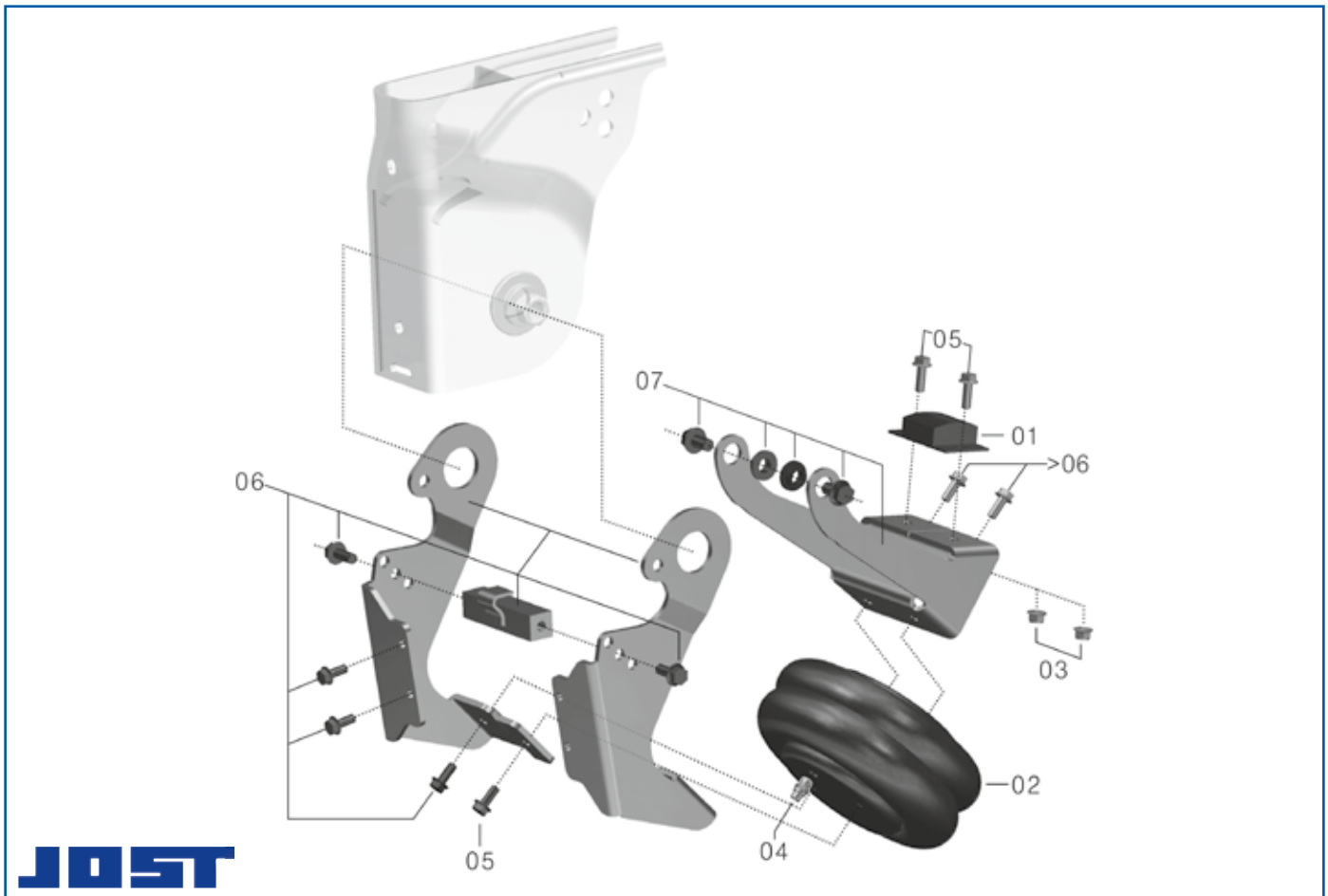


Service parts

suitable for DCA-axes/two-sided lift for version: ... 23 70 ¹⁾), version to 12/2007

Fig.	Description	Dimensions	Order no.
01	Rubber buffer		8020 700 044
02	Air spring bellows		8010 701 601
03	Nut set, 2 piece	M10	8091 001 002
04	Intermediate piece		8010 700 264
05	Attachment screw	M10 x 160, 8.8	8020 800 201
06	Attachment screw set, 4 piece	M10 x 20, 8.8	8080 080 104
07	Attachment screw set, 2 piece	M10 x 25, 8.8	8080 040 102
08	Bracket		8010 703 240
09	Repair kit lift bellows seat		8050 700 240
10	Repair kit lift bellows guide bracket		8050 700 340

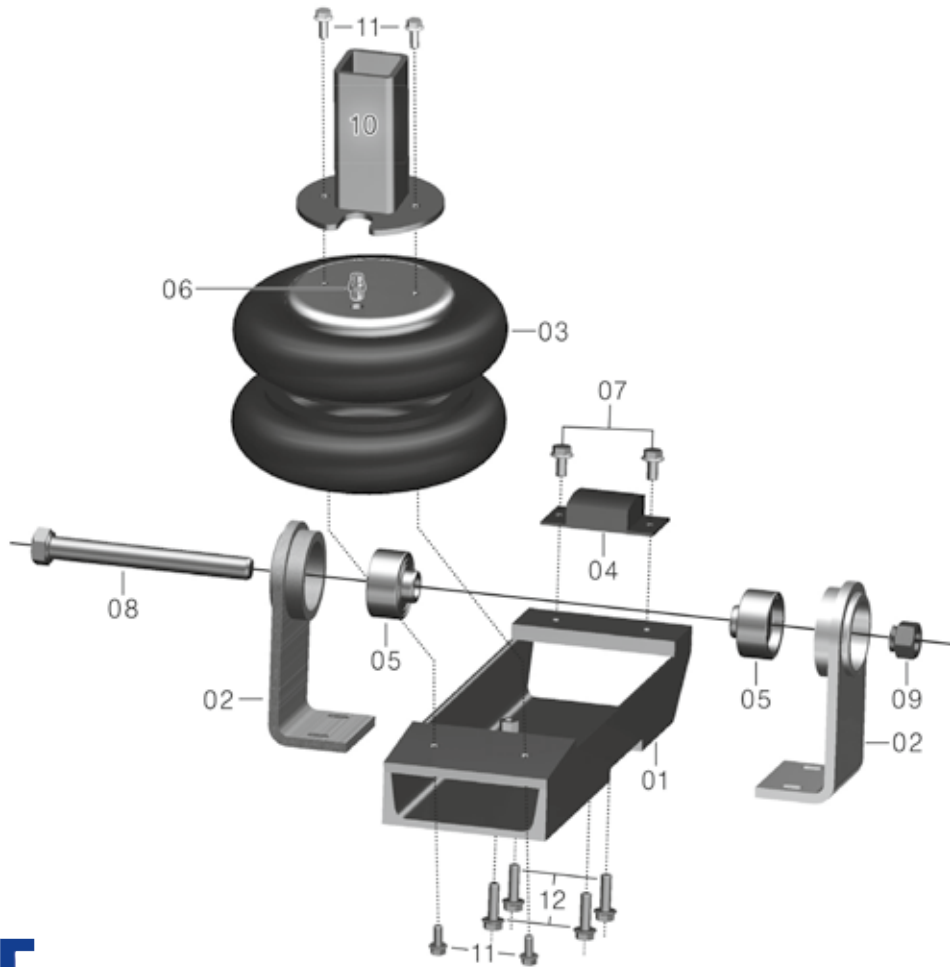
¹⁾ this lift version can be completely replaced by 2 x 8050 710 070.



Service parts

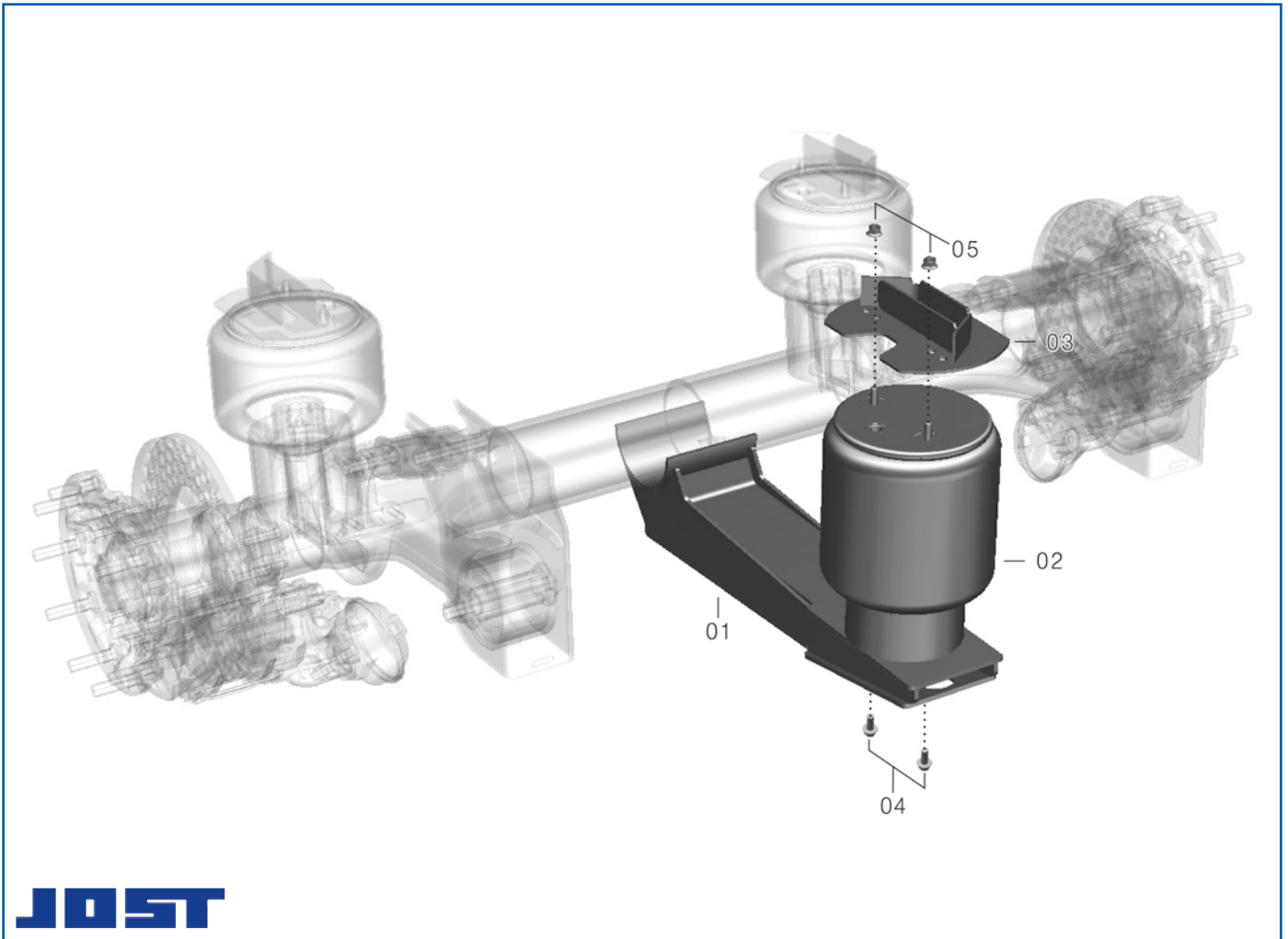
suitable for DCA-axles/two-sided lift for version: ... 30 70, version from 01/2008

Fig.	Description	Dimensions	Order no.
01	Rubber buffer		8020 700 144
02	Air spring bellows		8010 701 601
03	Nut set, 2 piece	M10	8091 021 002
04	Intermediate piece		8010 700 264
05	Attachment screw	M10 x 30, 10.9	8020 810 610
06	Repair kit lift bellows seat		8050 700 440
07	Repair kit lift bellows guide bracket		8050 700 540
08	Repair kit Lift, complete for one side		8050 710 070



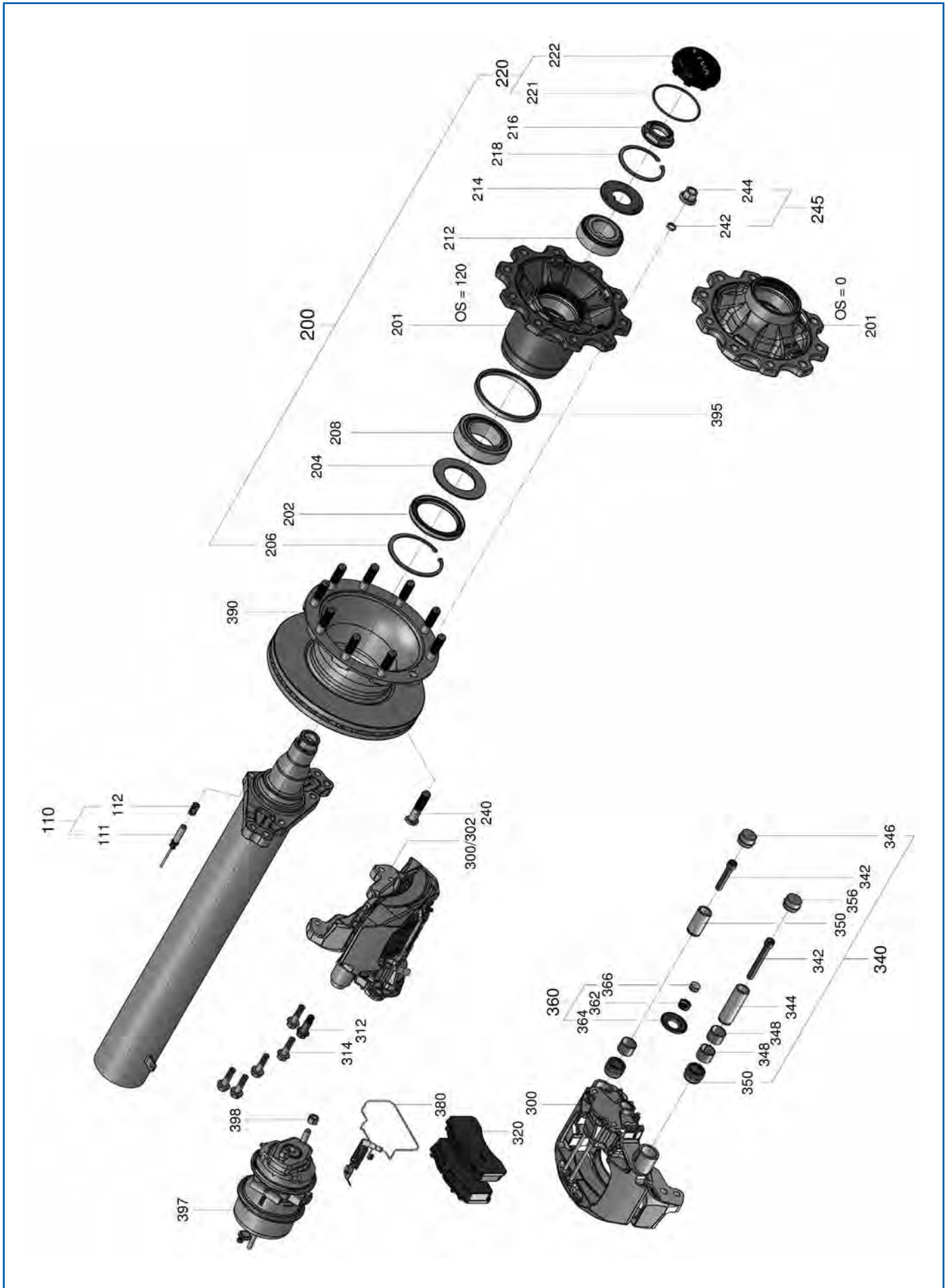
Service parts suitable for DCA-axes/"Wippe" two-sided lift for version: ... 28 70

Fig.	Description	Dimensions	Order no.
01	Axle lift arm		8020 701 806
02	Bracket for axle lift		8020 700 138
03	Air spring bellows, tipper lift		8010 702 401
04	Rubber buffer		8020 700 144
05	Pressure disc		8010 800 186
06	Intermediate piece		8010 700 062
07	Attachment screw set, 2 piece	M10 x 20, 10.9	8081 071 002
08	Attachment screw	M22 x 1,5 x 195 mm, 10.9	8020 800 000
09	Wheel nut	M22 x 1,5	8020 900 672
10	Air-spring support, shorten if necessary	295 mm	8010 708 035
11	Attachment screw set, 4 piece	M8 x 20, 8.8	8081 040 804
12	Attachment screw set, 4 piece	M10 x 35, 10.9	8081 111 004
13	Repair kit lift bracket, each of 2 x lift bracket and thrust washer, 1 x bolt kit M10 x 35		8050 710 055



Service parts suitable for DCA-axes/central lift for version: ... 18 70

Fig.	Description	Dimensions	Order no.
01	Control arm, central lift DCA		8010 700 906
02	Air spring, 300 S		8010 501 401
03	Air-spring support	Height 200 mm	8020 501 835
04	Attachment screw	M12 x 30, 10.9	8020 810 012
05	Nut	M12	8020 900 250

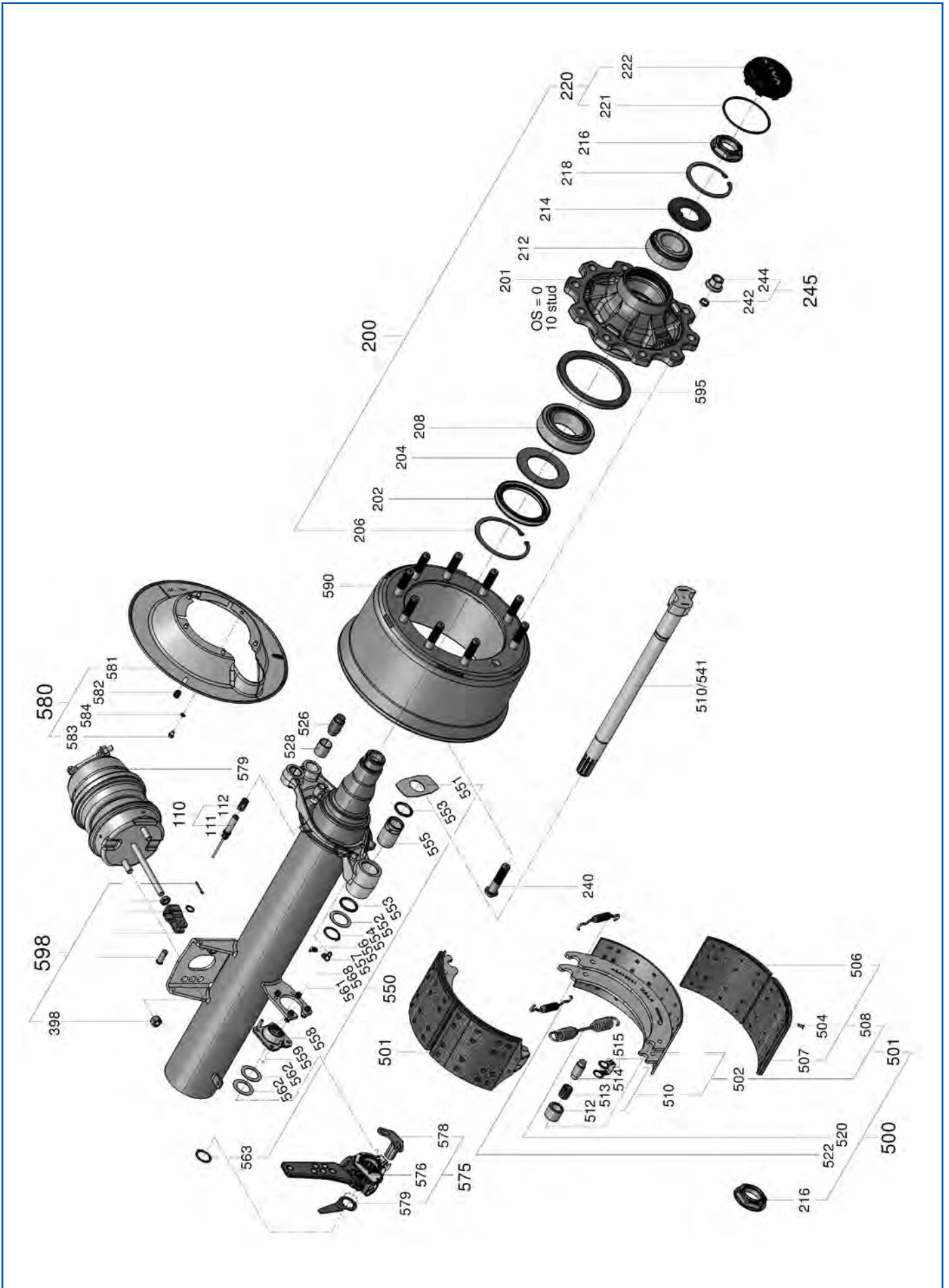


Service parts

suitable for axles with disc brakes

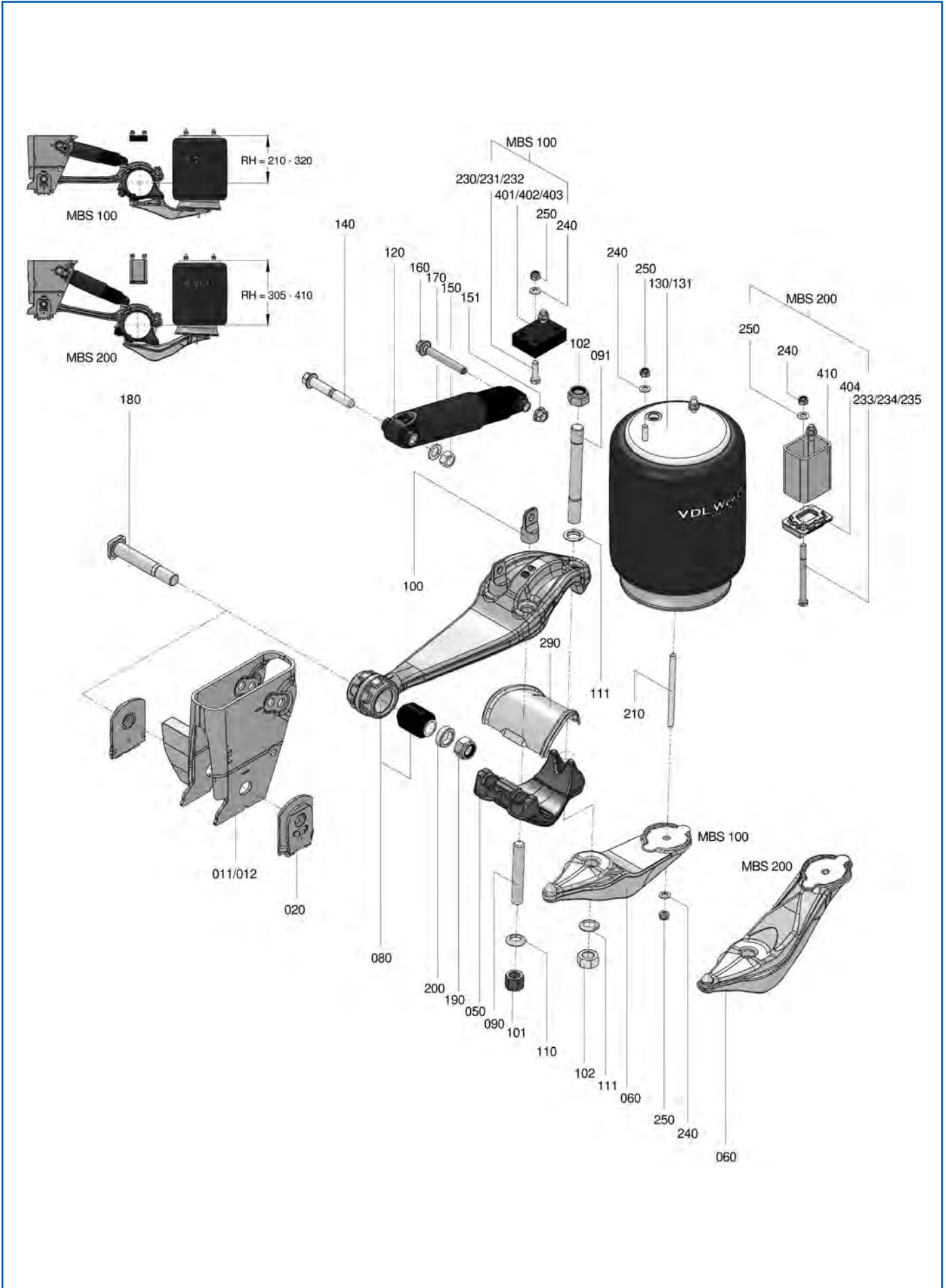
- RLOX0910 9 t, 22,5", press-in depth 120, wheel stud 10/335 mm
- RLSX0910 9 t, 22,5", press-in depth 0, wheel stud 10/335 mm
- RMOX0910 9 t, 19,5", press-in depth 120, wheel stud 10/335 mm
- RMSX0910 9 t, 19,5", press-in depth 0, wheel stud 10/335 mm

Fig.	Description	Dimensions	Order no.
110	Speed sensor set, with grease and clamp bush	Length 350 mm	0210 329 632
200/1	Wheel hub, complete (RLOX0910/RMOX0910)	Press-in depth 120 mm	8050 200 001
200/2	Wheel hub, complete (RLSX0910/RMSX0910), Fig. 201-222	Press-in depth 0 mm, Number of holes 10	8050 200 002
202	Shaft sealing ring	117/153 x 16 mm	8050 202 001
204	Impact ring	90/144 x 11,7 mm	8050 204 002
206	Circlip	∅ 150 mm	8050 206 001
208	Wheel bearing, inside		8050 208 001
212	Wheel bearing, outside		8050 212 001
214	Washer	120/56 x 5,4 mm	8050 214 001
216	Axle nut	M55 x 1,5/Spanner size 75 mm	8050 216 001
218	Circlip	∅ 125 mm	8050 218 001
220	Wheel-hub cap, complete with O-ring, Fig. 221-222		8050 220 001
220	Stroke odometer capsule, Fig. 221-222		8050 220 002
221	O-ring	∅ 126 x 5 mm	8050 221 001
222	Stroke odometer capsule		8050 222 002
240	Wheel bolt	M22 x 1,5/95 mm	8050 240 002
300	Brake caliper, left (RLOX0910/RLSX0910)	PAN22-1	8050 300 002
302	Brake caliper, right (RLOX0910/RLSX0910)	PAN22-1	8050 302 002
312	Close-tolerance bolt		8050 312 001
314	Bolt		8050 314 001
320	Brake pad set (RMOX0910/RMSX0910)	PAN19-1	8050 320 001
320	Brake pad set (RLOX0910/RLSX0910)	PAN22-1	8050 320 002
340	Guide sealing set (RLOX0910/RLSX0910/RMOX0910/RMSX0910)	PAN19-1/22-1	8050 340 001
360	Repair kit for clamping unit (RLOX0910/RLSX0910/RMOX0910/RMSX0910)	PAN19-1/22-1	8050 360 001
380	Wear contact set for one axle (RMOX0910/RMSX0910)	PAN19-1	6370 999 755
380	Wear contact set for one axle (RLOX0910/RLSX0910)	PAN22-1	6371 299 797
390	Brake disc (RLOX0910)	∅ 430 mm	8050 390 001
390	Brake disc (RMSX0910)	∅ 370 mm	8050 390 002
395	ABS ring	∅ 183 x 15 mm/Number of teeth 100	8050 395 001
397	Membrane brake cylinder	Type 16	3700 000 080
397	Combination brake cylinder	Type 16/24	3419 882 040
397	Combination brake cylinder	Type 20/24	3800 038 400
398	Hexagon nut	M16 x 1,5, DIN 934	8050 398 001



Service parts**suitable for axles with drum brakes****(DLSX0910 9 t, 22,5", press-in depth 0, wheel stud 10/335 mm)**

Fig.	Description	Dimensions	Order no.
110	Speed sensor set, with grease and clamp bush	Length 350 mm	0210 329 632
200	Wheel hub, complete (RLSX0910/RMSX0910), Fig. 201-222	Press-in depth 0 mm, Number of holes 10	8050 200 002
202	Shaft sealing ring	117/153 x 16 mm	8050 202 001
204	Impact ring	90/144 x 11,7 mm	8050 204 002
206	Circlip	∅ 150 mm	8050 206 001
208	Wheel bearing, inside		8050 208 001
212	Wheel bearing, outside		8050 212 001
214	Washer	120/56 x 5,4 mm	8050 214 001
216	Axle nut	M55 x 1,5/Spanner size 75 mm	8050 216 001
218	Circlip	∅ 125 mm	8050 218 001
220/1	Wheel-hub cap, complete with O-ring, Fig. 221-222		8050 220 001
220/2	Stroke odometer capsule, Fig. 221-222		8050 220 002
221	O-ring	∅ 126 x 5 mm	8050 221 001
222	Stroke odometer capsule		8050 222 002
240	Wheel bolt	M22 x 1,5/95 mm	8050 240 002
500	Brake shoe set for one axle, Fig. 501/520/522/216	420 x 180 mm	8050 500 003
510	Brake shoe sleeve complete, 3-piece, Fig. 512-515		8050 510 001
520	Tension spring		8050 520 001
522	Tension spring		8050 522 001
526	Brake bolts		8050 526 001
528	Bushing	35/37 mm	8050 528 001
540	Brake camshaft, left	420 x 180/Length 604 mm	8050 540 001
541	Brake camshaft, right	420 x 180/Length 604 mm	8050 541 001
550	Camshaft bearing set for one axle, Fig. 551-563		8050 550 001
555	Bearing bush		8050 555 001
556	Lubricating nipple	M8 x 1	9515 109 140
558	Supporting bearing		8050 558 001
559	Bolt	M8 x 30 mm	6601 008 030
560	Hexagon nut	M8	6603 008 000
561	Washer	M8	6605 008 400
575	Slack adjuster set for one axle, Fig. 576-579	Haldex S-ABA	8050 575 001
580	Cover plate kit for one axle, Fig. 581-584	420 x 180 mm	8050 580 001
590	Brake drum	420 x 180/Number of holes 10	8050 590 001
595	ABS ring	206 x 13 mm/Number of teeth 100	8050 595 001
597	Membrane brake cylinder	Type 20	3700 000 020
597	Membrane brake cylinder	Type 24	3700 000 060
597	Membrane brake cylinder	Type 30	3700 000 070
597	Combination brake cylinder	Type 20/30	3400 074 080
597	Combination brake cylinder	Type 24/30	3734 618 111
597	Combination brake cylinder	Type 30/30	3731 363 031
598	Membrane cylinder accessories with round hole fork head	Type 20/24/30	3700 000 100
598	Membrane cylinder accessories with long-hole fork head	Type for type 20/24/30	3419 988 280



Service parts suitable for air suspension (MBS 100/MBS 200)

Fig.	Description	Dimensions	Order no.
11	Air-spring support, left		8080 011 001
12	Air-spring support, right		8080 012 001
50	Clamping piece		8080 050 001
60	End piece MBS-1XX		8080 060 001
60	End piece MBS-2XX		8080 060 002
80	Pitman spring MBS		8080 080 001
90	Threaded bolt	M24 x 2/157 mm	8080 090 001
91	Threaded bolt	M27 x 2/245 mm	8080 091 001
100	Bracket for shock absorber	M24 x 2	8080 100 001
101	Hexagon nut	M24 x 2/30 mm	8080 101 001
102	Hexagon nut	M27 x 2, DIN 934	8080 102 001
110	Washer, spherical	M24, DIN 6319C	8080 110 001
111	Washer, spherical	M27	8080 111 001
120	Shock absorber		8080 120 001
130	Air spring	Piston \varnothing 300 mm	8080 130 001
131	Air spring	Piston \varnothing 335 mm	8080 131 001
140	Bolt	M20 x 2/122 mm, Class 10.9	8080 140 001
150	Hexagon nut	M20 x 2, DIN 934	8080 150 001
151	Hexagon nut	M16 x 1,5	8080 151 001
160	Bolt	M16 x 1,5, Class 10.9	8080 160 001
170	Washer	M20, DIN 125	8080 170 001
180	Spring pin	M27 x 2/172 mm	8080 180 001
190	Hexagon nut	M27 x 2, DIN 985	8080 190 001
200	Spacer	M27	8080 200 001
210	Threaded bolt	M12 x 1,75/190 mm	8080 210 001
240	Washer	M12, DIN 125A	8080 240 001
250	Hexagon nut	M12 x 1,75, DIN 985	8080 250 001
290	Zinc plate		8080 290 001
404	Rubber buffer	95 x 70 mm	8080 404 001



Air spring/Air spring bellows

Version	Piston \varnothing	Height, max.	Fig.	Order no.
Without buffer stop	300 mm	450 mm	1	8080 130 001
With buffer stop	300 mm	450 mm	2	8080 130 002
Without buffer stop	335 mm	500 mm		8080 131 001

Wheel bolt

Thread M22 x 1,5
 Thread length 50 mm
 Length 90 mm
 Property class 10.9
 Surface dacrotized

Order no.

7770 178 720

Comparative no.

Schmitz 017872



Wheel nut protective cap

Order no.

7770 163 430

Comparative no.

Schmitz 016343



**EURO
PART** 

Air spring

Version	Bolt set	Fig.	Order no.	Comparative no.
with steel piston	K011	1	1788 283 001	Schmitz 017924 Schmitz S015323
with plastic piston	K025	2	7600 001 080	Weweler US 07074 F
Double convolution bellows with crimped plate	K023	3	1788 586 910	Schmitz 016793
with plastic piston	K009	4	1788 750 999	Schmitz 750999
with steel piston	K028	5	1788 402 800	Schmitz 015323
with plastic piston	K037	6	7770 165 120	Schmitz 016512
with steel piston	K028	7	1722 012 805	Schmitz 017685
with plastic piston	K009	8	7777 510 650	Schmitz 751065
with steel piston	K001		1723 012 813	Weweler US 07337RP



Air spring/Air spring bellows

Description	Version	Brand	Bolt set	Fig.	Order no.	Comparative no.
Air spring bellows	Double bellows	Phoenix	K023	1	7770 167 930	Schmitz 016793
Air spring	with plastic piston	Firestone	K025	2	8000 005 099	Weweler US 07074 F
Air spring	with plastic piston	Schmitz	K037	3	7770 016 512	Schmitz 016512
Air spring	with plastic piston	Firestone	K009	4	1788 586 185	Schmitz 750999
Air spring		Schmitz		5	7770 410 189	Schmitz FAG041-0189
Air spring	with steel piston	Phoenix	K011	6	1714 283 001	Schmitz S015323
Air spring	with plastic piston	Firestone			1788 588 608	Firestone W01 M58 8608



Air spring/Air spring bellows

Description	Version	Bolt set	Fig.	Order no.	Comparative no.
Air spring bellows	Double bellows	K023	1	1780 200 220	Conti FD 200-22 1/4 M10
Air spring	Double fold bellows with crimped plate	K023	2	1780 200 191	Conti FD 200-19 1/4 M10
Air spring bellows	with piston	K009	3	1780 415 803	Conti 4158 N P03
Air spring bellows	with lid, without piston			5200 247 104	Conti 4007 N P01
Air spring bellows	with steel piston	K028	4	1780 402 802	Conti 4028 N P02
Air spring bellows	with plastic piston	K024		1780 416 201	Conti 4162 N P01

Screw set

Order no.	Comparative no.
1722 084 958	Schmitz 016512



Screw set

Version	Order no.
Phoenix 009	1722 052 734



Screw set

Version	Order no.
Phoenix K028	1722 052 753



Pitman spring

Width	100 mm
Number of leaves	1
Bushing front	30/57 mm
Length at front	565 mm



Camber	Crank	Length at rear	Order no.	Comparative no.
47 mm		490 mm	1026 610 400	Schmitz 014852
36 mm		410 mm	1026 611 500	Schmitz FAG0410072
35 mm	26 mm	490 mm	1026 610 600	Schmitz 015156



Brake caliper

Version standardised
 Brake system SB 4309

Installation side	Type	Order no.	Comparative no.
left	SK7042RC	3450 414 790	Knorr K012633
right	SK7052RC	3450 414 791	Knorr K012634

Accessories

Description	Order no.	Comparative no.
Guide sealing set	3400 010 766	Knorr K010766



Brake pad set

Version ProTecS®, prepared for wear indicator
 Quality Jurid 539-39

Scope of supply
 with accessories

This figure corresponds to 3406 660 850

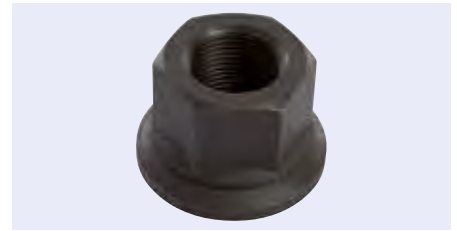
Brake system	WVA no.	Order no.	Comparative no.
SK7...	29158	3406 660 850	Schmitz 1161563
SB/SN6	29095	3410 078 206	Schmitz 1182958



Wheel nut

Spanner size 33 mm
Thread M22 x 1,5

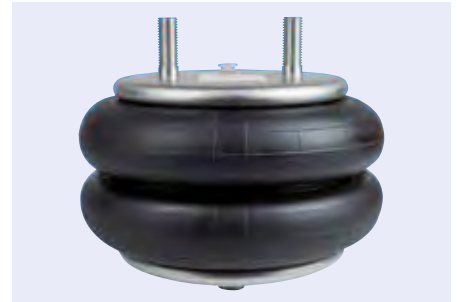
suitable for	Order no.	Comparative no.
Fruehauf	9180 001 680	Fruehauf M003141



Air spring bellows

This figure corresponds to 9280 009 625

suitable for	Version	Order no.	Comparative no.
Kässbohrer	double bellows with belt ring vulcanised in place and bead ring	1722 208 902	Phoenix 2 B20 R-9
Kässbohrer	double bellows	9280 009 625	Phoenix SP 2 B 22 R-1



Screw set

suitable for	Version	Order no.
Hendrickson Meritor (ROR) SAF Weweler	Phoenix K002	1722 052 727



Screw set

suitable for	Version	Order no.
Acerbi Fruehauf SMB	Phoenix K010	1722 052 735



Screw set

suitable for	Version	Order no.
Mercedes-Benz TAS Meritor (ROR) Schmitz Cargobull Weweler Holland Hitch	Phoenix K011	1722 052 736



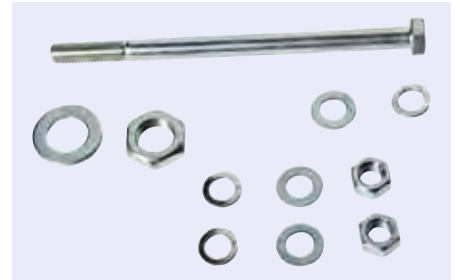
Screw set

suitable for	Version	Order no.
Fruehauf Hendrickson Meritor (ROR) SMB Weweler	Phoenix K015	1722 052 740



Screw set

suitable for	Version	Order no.
Cardi Fruehauf Samro SMB	Phoenix K016	1722 052 741



Screw set

Version	Order no.
Phoenix K019	1722 052 744



Screw set

suitable for Bellows 1/4", M10

Version	Order no.
Phoenix K023	1722 052 748



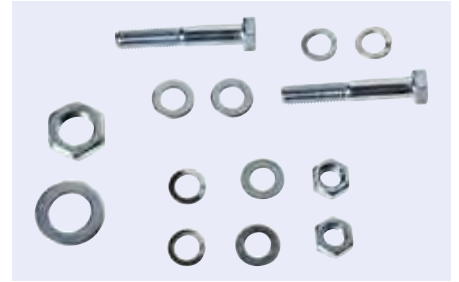
Screw set

suitable for	Version	Order no.
Mercedes-Benz TAS	Phoenix K027	1722 052 752



Screw set

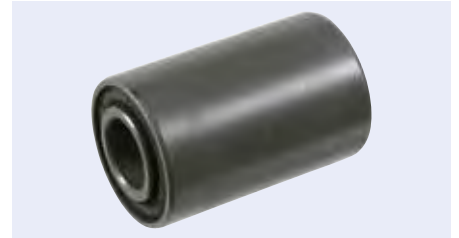
suitable for	Version	Order no.
Bertoja Fruehauf SMB	Phoenix K030	1722 052 755



Bearing bush for leaf spring

Outer \varnothing 65 mm
 Inner \varnothing 30 mm
 Length 102 mm

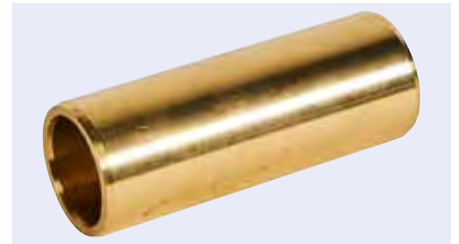
Order no.
1028 306 501



Spring bushing

Outer \varnothing 38 mm
 Inner \varnothing 30 mm
 Length 100 mm

Order no.
1230 381 000



Spring hoop

Form 0
 Thread M24
 Length 452 mm
 Clearance 125 mm

Order no.
6104 506 300





Tapered roller bearing



Type	Outer \varnothing	Inner \varnothing	Height	Order no.
320 21X	160 mm	105 mm	35 mm	8001 320 212
322 12	110 mm	60 mm	29,75 mm	8001 322 122
323 10	110 mm	50 mm	42,25 mm	8001 323 102
323 12	130 mm	60 mm	48,5 mm	8001 323 122
32314A	150 mm	70 mm	54 mm	8001 323 142
330 20	150 mm	100 mm	39 mm	8001 330 202
330 21	160 mm	105 mm	43 mm	8001 330 212
330 22	170 mm	110 mm	47 mm	8001 330 222
331 16	130 mm	80 mm	37 mm	8001 331 162
331 18	150 mm	90 mm	45 mm	8001 331 182
332 08	80 mm	40 mm	33 mm	8001 332 082
332 13	120 mm	65 mm	41 mm	8001 332 132
332 15	130 mm	75 mm	41 mm	8001 332 152
332 17	150 mm	85 mm	49 mm	8001 332 172
332330	130 mm	70 mm	57 mm	8001 332 332
528 983	130 mm	70 mm	57 mm	8015 289 832
KHM218248/10	147 mm	90 mm	40 mm	8012 102 482



Tapered roller bearing



This figure corresponds to 8001 323 120

Type	Outer \varnothing	Inner \varnothing	Width	Order no.	Comparative no.
320 21	160 mm	105 mm	35 mm	8001 320 210	SKF VKHB 2160
323 12	130 mm	60 mm	48,5 mm	8001 323 120	SKF VKHB 2003
330 20	150 mm	100 mm	39 mm	8001 330 200	SKF VKHB 2124
331 16	130 mm	80 mm	37 mm	8001 331 160	SKF VKHB 2177
331 18	150 mm	90 mm	45 mm	8001 331 180	SKF VKHB 2178
332 15	130 mm	75 mm	41 mm	8001 332 150	SKF VKHB 2028
332 08	80 mm	40 mm	32 mm	8001 332 080	SKF VKHB 2065
332 330	130 mm	70,01 mm	57 mm	8001 332 330	SKF VKHB 2071
524 851	145 mm	90 mm	35 mm	8001 524 851	SKF VKHB 2226

FAG**Tapered roller bearing**

Type 323 10
 Outer \varnothing 110 mm
 Inner \varnothing 50 mm
 Width 42,5 mm

Order no.

8001 323 100**SKF****Wheel bearing set**

Outer \varnothing 112 mm
 Inner \varnothing 82 mm
 Width 196 mm

Scope of supply
 hub unit, bolts, O-Ring and grease

Order no.

8001 554 900

Comparative no.

SKF VKBA 5549
SAF 3 434 3650 00**SAF****Wheel bearing**

Outer \varnothing 147 mm
 Inner \varnothing 90 mm
 Width 40 mm

Order no.

8001 210 248

Comparative no.

SKF VKHB 2029

**SKF****Tapered roller bearing**

This figure corresponds to 8001 528 983

Width	Outer \varnothing	Inner \varnothing	Order no.	Comparative no.
37,5 mm	140 mm	82 mm	7600 000 342	SKF VKHB 2315
57,5 mm	130 mm	70 mm	8001 528 983	SKF VKHB 2132



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Difficult to break.

FAG SmartSET — the ready-to-fit repair solution for truck wheel bearings.

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Further information:

www.schaeffler-aftermarket.com

www.rexpert.com



SCHAEFFLER

JOST**Stroke odometer**

for journey monitoring, mounting directly on the axle cap or impact protected installation in special axle cap



Scope	Tyre size	Order no.	Comparative no.
3260 mm	385.65-22,5/15.00-22,5/18.00-19,5	3001 502 250	Jost J 3240-3260
3220 mm	10.00-20, 11.00-22,5, 14.80-22,5, 405.70-20	3001 317 500	Jost J 3175-3220
2860 mm	7.50-20, 255.70-22,5, 285.60-22,5, 455.40-22,5, 305.60-22,5, 315.60-22,5, 435.50-19,5	3001 003 868	Jost J 2830-2860
3470 mm	12.00-20/14.75.80-20/13.00-22,5/16.50-22,5/18.00-22,5/425.65-22,5	3001 351 000	Jost J 3410-3470
2520 mm	7.50-16, 9.00-15, 235.75-17.5	3001 246 400	Jost J 2464-2520
3015-3134 m	9.00-20, 10.00-22,5, 315.70-22,5, 275.80-22,5, 335.80-20, 385.65-19,5, 495.45-22,5, 385.55-22,5, 305.70-22,5, 9.00-22,5, 435.50-22,5	3001 301 500	Jost J 3015-3134
3015-3134 m	9.00-20, 10.00-22,5, 315.70-22,5, 275.80-22,5, 335.80-20, 385.65-19,5, 495.45-22,5, 385.55-22,5, 305.70-22,5, 9.00-22,5, 435.50-22,5	3001 153 134	Jost JD1 3015-3134
2790 m	9.50-19,5, 305.70-19,5, 295.60-22,5, 445.45-19,5, 385.55-19,5	3001 003 866	Jost J 2790

**EURO
PART****Shock absorber**

Version oil pressure, twin-tube system

Fastening eye/eye



(Illustration similar)

Length	Order no.	Comparative no.
265-381 mm	9588 912 755	Sachs 314 347 Koni 91-2754
279-394 mm	9201 301 431	Sachs 310 134
280-395 mm	9200 001 225	Sachs 131 254
292-432 mm	6123 722 890	Sachs 312 978
295-426 mm	9200 001 220	Sachs 123 840
296-431 mm	7670 003 000	Sachs 315 152 Koni 91-2400
318-476 mm	9200 186 760	Koni 91-2229
319-474 mm	9200 001 250	Sachs 313 057 Koni 91-2516
320-463 mm	9180 000 880	Sachs 280 499
326-496 mm	6123 722 830	Sachs 312 561 Koni 91-2207
328-500 mm	5200 207 220	Sachs 313 056
340-515 mm	7565 052 450	Sachs 123 439
351-541 mm	6123 722 880	Sachs 312 977
425-695 mm	6134 813 311	Sachs 170 178
466-766 mm	6134 813 780	Sachs 170 183
475-795 mm	6134 813 712	Sachs 170 179
475-800 mm	6134 813 292	Sachs 106 201



Shock absorber

Version twin-tube system
Fastening Eye/eye

Length	Order no.	Comparative no.
265-381 mm	9588 912 754	Koni 91-2754
274-369 mm	7600 000 204	Koni 91-2527
295-426 mm	7600 000 611	Koni 91-2227



1
Axle and running gear



Shock absorber

Version Oil pressure, twin-tube
Fastening Eye/eye
Model Super Touring

This figure corresponds to 9270 310 135

Length	Order no.	Comparative no.
279-394 mm	9466 326 050	Sachs 310 134
294-429 mm	9270 310 135	Sachs 310 135



Shock absorber

Version can be positioned / readjusted
Fastening eye/eye
Length 318-476 mm

(Illustration similar)

Order no.	Comparative no.
7770 148 560	Koni 91-2229





Brake caliper with lining

Brake system SBS 2220
Type DBT22LT

Installation side	Order no.	Comparative no.
left	3970 095 620	Haldex 95620C
right	3970 095 621	Haldex 95621C



Guide sealing set for brake callipers

Order no.	Comparative no.
3400 010 766	Knorr K010766



Brake caliper Repair solution

Version standardised
Brake system SB/SN6

Installation side	Type	Order no.	Comparative no.
left	SN6580RC	3400 047 087	Knorr K013174
right	SN6570RC	3400 047 086	Knorr K013173



Brake caliper

Version standardised
Brake system SB 4345

Installation side	Type	Order no.	Comparative no.
left	SN7196RC	3450 414 747	Knorr K003784
right	SN7186RC	3450 414 746	Knorr K003783



Brake caliper

Version standardised

Installation side	Type	Order no.	Comparative no.
left	SN7195RC	3450 414 745	Knorr K003782
right	SN7185RC	3450 414 744	Knorr K003781





Brake anchor plate

Version	Fig.	Order no.	Comparative no.
for disc brake 22,5"	1	3450 412 141	Knorr K001275
for disc brake 19,5"	2	3411 000 690	Knorr K000690
for disc brake 19,5"	3	3450 412 100	Knorr K001105



Wear contact set

Type SN6/SN7

Order no.	Comparative no.
3400 093 700	Knorr K000937



Speed sensor

Scope of supply
with grease and clamping sleeve

Version	Length	Order no.	Comparative no.
Axial	300 ± 10 mm	3450 403 065	Knorr 0486001078000
Radial	400 ± 10 mm	3413 733 004	Knorr 0486000134000
Radial	1000 ± 50 mm	3450 400 815	Knorr 0486000136000



Sensor extension cable for ABS

Length 3000 mm
Cross-section 2 x 0,75 mm²

Order no.	Comparative no.
0767 120 300	WABCO 449 712 030 0





Adapter cable for sensor extension

Length 3000 mm
Colour black
Material PUR

Order no.

2127 009 774

Comparative no.

Haldex 814004401



Parking brake

Thread 25 x 5
Radius 200 mm
Colour black

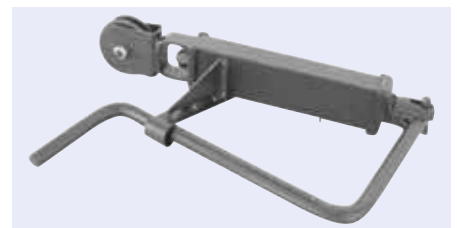
Description	Length	Fig.	Order no.
with foldable crank and cable eye (15 mm Ø)	740 mm	1	9081 312 690
with turn-down crank and cable roller (60 mm diameter)	405/510 mm	2	9081 313 400

Parking brake

Version with slewing crank, rope pulley (80 mm diameter), single-start trapezoidal thread (26 x 5 mm), forged spindle nut C 45
Length 440 mm

Order no.

9081 315 510





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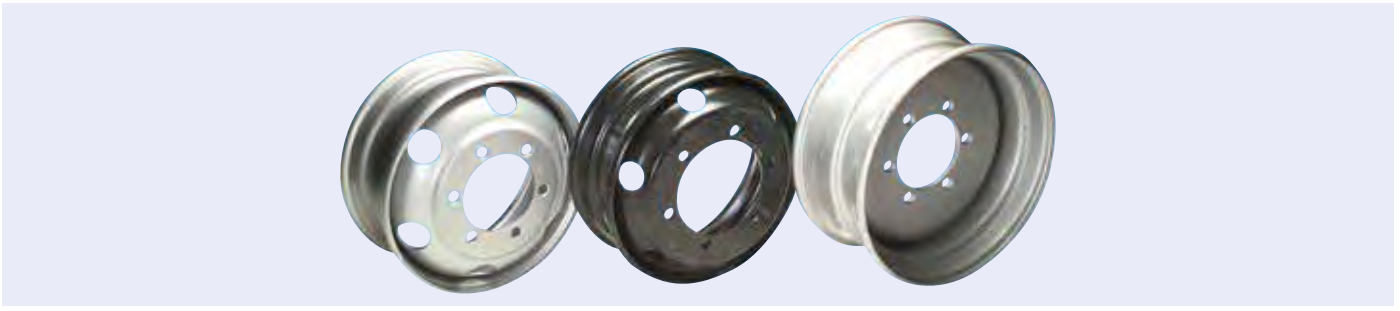


Tyres

Wet grip NH C

Fig.	Tyre size	Profile	Rim size	Profile depth	Load index	Rolling resistance RW	Rolling noise RG	Order no.
1	215/75R17.5	AGC28	6.00 - 17.5"	15.5	135/133J	E	76 dB(A)	¹ 1217 527 426
1	235/75R17.5	AGC28	6.75 - 17.5"	16.5	143/141J (144/144F)	E	77 dB(A)	¹ 1217 527 432
1	245/70R17.5	AGC28	7.50 - 17.5"	16.5	143/141J (144/144F)	E	77 dB(A)	¹ 1217 527 437
1	265/70R19.5	AGC28	7.50 - 19.5"	17.5	143/141J	E	77 dB(A)	¹ 1217 527 444
1	275/70R22.5	AGC28	8.25 - 22.5"	17.5	148/145L	E	77 dB(A)	¹ 1217 527 449
1	385/55R22.5	AGC28	11.75 - 22.5"	16.5	160K (158L)	C	77 dB(A)	¹ 1217 527 487
1	385/65R22.5	AGC28	11.75 - 22.5"	16.8	160K (158L)	C	77 dB(A)	¹ 1217 538 566
1	425/65R22.5	AGC28	13.00 - 22.5"	16.5	165K	C	77 dB(A)	¹ 1217 527 498
1	445/65R22.5	AGC28	14.00 - 22.5"	16.5	169K	C	77 dB(A)	¹ 1217 527 500
2	215/75R17.5	ATL35	6.00 - 17.5"	12	135/133J	E	76 dB(A)	1217 527 427
2	235/75R17.5	ATL35	6.75 - 17.5"	13	143/141J (144/144F)	D	76 dB(A)	1217 527 433
3	385/65R22.5	ATR33	11.75 - 22.5"	16,8	160K (158L)	C	76 dB(A)	¹ 1217 527 496
4	385/65R22.5	HN809	11.75 - 22.5"	15	160K	C	76 dB(A)	1217 527 492
5	245/70R17.5	ATR65	7.50 - 17.5"	11	143/141J (146/146F)	C	76 dB(A)	¹ 1217 527 508
5	265/70R19.5	ATR65	7.50 - 19.5"	13	143/141J	C	76 dB(A)	¹ 1217 527 509
5	285/70R19.5	ATR65	8.25 - 19.5"	14	150/147J	C	76 dB(A)	¹ 1217 527 510
5	385/55R19.5	ATR65	12.25 - 19.5"	15	156J	C	76 dB(A)	¹ 1217 527 511
5	385/55R22.5	ATR65	11.75 - 22.5"	16.5	160J (158L)	C	76 dB(A)	¹ 1217 527 515
5	385/65R22.5	ATR65	11.75 - 22.5"	16,8	160K	C	71 dB(A)	¹ 1217 527 512
5	425/65R22.5	ATR65	13.00 - 22.5"	16.5	165K	C	76 dB(A)	¹ 1217 527 513
5	445/65R22.5	ATR65	14.00 - 22.5"	16.5	169K	C	76 dB(A)	¹ 1217 527 514
6	435/50R19.5	HN829	14.00 - 19.5"	15	160J	C	73 dB(A)	¹ 1217 527 506
6	445/45R19.5	HN829	14.00 - 19.5"	15	160J	C	73 dB(A)	¹ 1217 527 507

¹ with M+S identification



Truck wheel

Material steel
Number of wheel bolts 6

Size	Central hole \varnothing	Hole circle \varnothing	Version	Press-in depth	Order no.
17.5 x 6.00	202 mm	245 mm	hub-centred	115 mm	8600 287 097
17.5 x 6.75	202 mm	245 mm	hub-centred	127,5 mm	8602 870 099
17,5 x 6,00	161 mm	205 mm	stud-centred and hub-centred, for single wheels	116 mm	8600 170 501

Material steel
Number of wheel bolts 8
Central hole \varnothing 221 mm
Hole circle \varnothing 275 mm

Size	Version	Press-in depth	Order no.
19.5 x 7.5	hub-centred	143 mm	8600 289 120
19.5 x 14	hub-centred	0 mm	8602 890 043
19,5 x 6,75	stud-centred and hub-centred, for single wheels	134 mm	8600 190 302
19,5 x 7,5	stud-centred and hub-centred	143 mm	8602 890 120
19,5 x 8,25	hub-centred	157,5 mm	8600 015 372

Material steel
Number of wheel bolts 10
Hole circle \varnothing 225 mm
Central hole \varnothing 176 mm

Size	Version	Press-in depth	Order no.
17.5 x 6.00"	stud-centred and hub-centred	120 mm	8600 170 901
17.5 x 6.75	stud-centred and hub-centred, inside located valve (ILV)	129 mm	8600 858 500
19.5 x 7.50"	stud-centred and hub-centred	138 mm	8600 190 403

Material steel
Number of wheel bolts 10
Hole circle \varnothing 335 mm
Central hole \varnothing 281 mm

Size	Version	Press-in depth	Order no.
19.5 x 14.00	hub centered (MZ), outside valve (ALV)	120 mm	8600 190 901
22.5 x 7.5	stud-centred and hub-centred (BMZ), outside valve (ALV)	153 mm	8600 220 301
22.5 x 7.5	hub-centred	141,5 mm	8602 920 165
22.5 x 7,5	hub centered (MZ), outside valve (ALV)	153 mm	8602 920 531
22.5 x 8.25	hub centered (MZ), outside valve (ALV)	152 mm	8600 292 386
22.5 x 9.00	stud-centred and hub-centred (BMZ), outside valve (ALV)	161 mm	8600 292 350
22.5 x 11.75	stud-centred and hub-centred (BMZ), outside valve (ALV)	0 mm	8600 220 701
22.5 x 11.75	hub centered (MZ), outside valve (ALV)	120 mm	8600 292 399
22.5 x 11,75	stud-centred and hub-centred	135 mm	8600 292 366
22.5 x 13	hub-centred	120 mm	8602 920 652

Wheel stud covering

Number of holes	8
Hole circle \varnothing	275 mm
Bore hole \varnothing	22 mm
Material	Steel
Surface	primed

Order no.

9080 000 020



Wheel cover

Number of holes	6
Hole circle \varnothing	205 mm
Bore hole \varnothing	18 mm
Material	Steel
Surface	primed

Order no.

9080 000 010



Wheel cover

Number of holes	6
Hole circle \varnothing	245 mm
Bore hole \varnothing	19 mm
Material	steel
Surface	primed

Order no.

8610 370 810



Wheel cover

Type 1, universal fit

- fast fitting (approx. 2 minutes per wheel)
- no loosening of wheel bolts or nuts necessary
- the wheel can be removed without the cap having to be removed

Size	22,5"
Material	Stainless steel

Application range

for all rims with strongly swung rim flange

Central cap not included in the scope of supply - please order separately

Installation location	Order no.
front	8610 704 100
rear	8610 704 200

Accessories

Description	Order no.
Central cap	8604 501 505



Wheel cover

Version	primed
Number of holes	10
\varnothing	335 mm

Order no.

8601 720 200



Wheel cover

Material	stainless steel
Surface	polished
Number of holes	10
Bore hole \varnothing	24 mm
\varnothing	335 mm

Order no.

8600 702 500



1

Axle and running gear

**Bracket
for wheel trim**

Dimensions 70 x 43 x 38 mm

Order no.

8600 704 120



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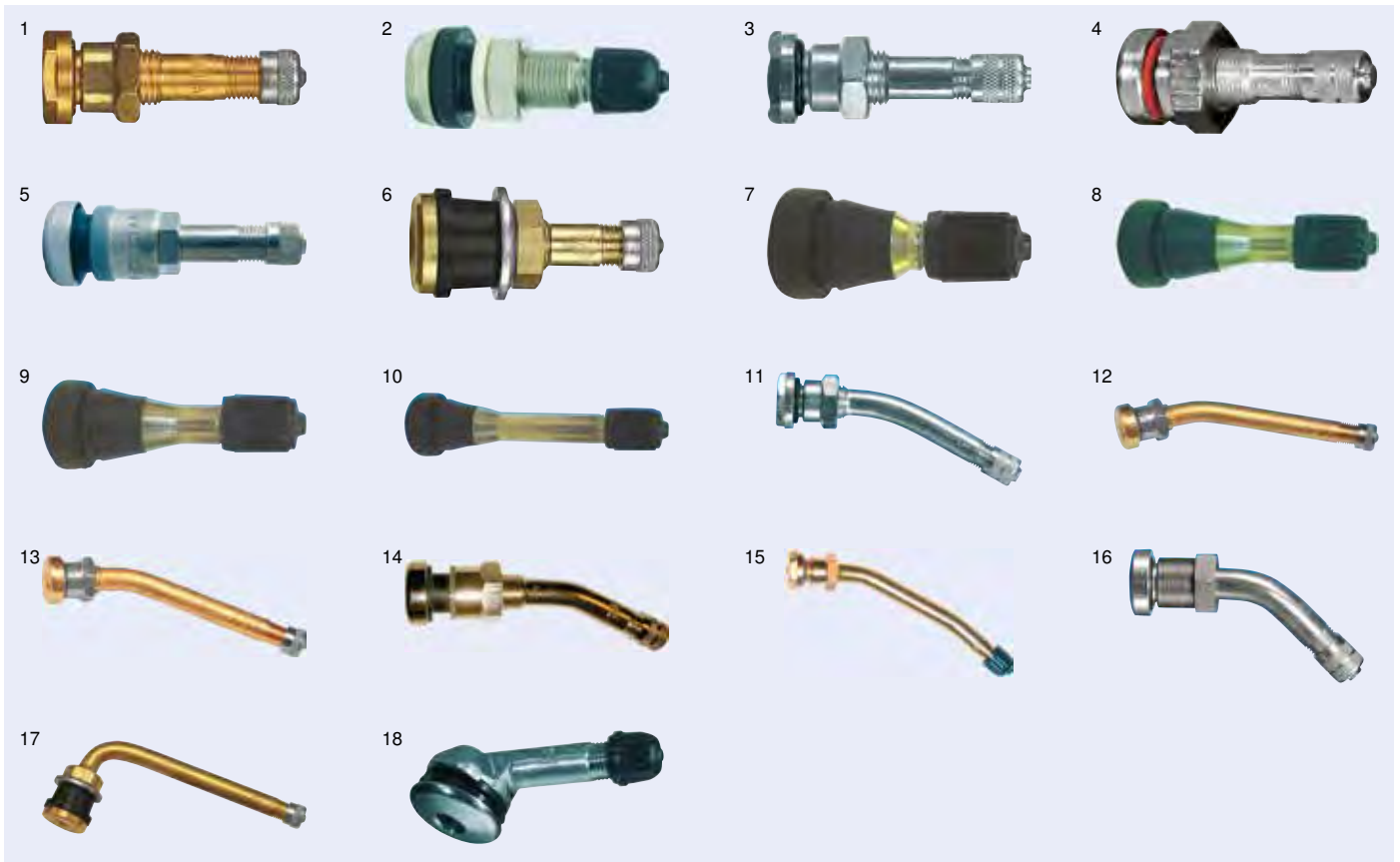
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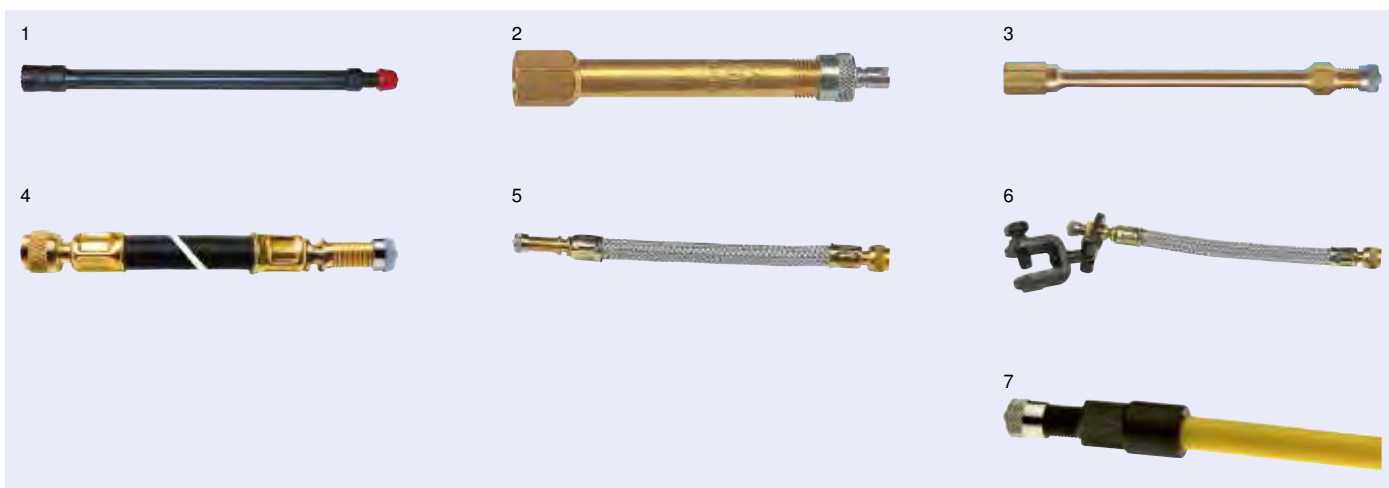
AGC28

More Info? www.aeolus-tyres.com - info@aeolus-tyres.com



Metal valve

Version	Length	Pressure, max.	Torque	Hole \varnothing	Fig.	Order no.
Straight	41 mm		13-15 Nm	9,7 mm	1	2300 001 005
Straight	36 mm	14 bar	3-5 Nm	11,3 mm	2	9245 626 580
Straight	36 mm		12-14 Nm	9,7 mm	2	9191 003 694
Straight	32 mm		12-14 Nm	9,7 mm	3	9245 622 799
Straight	47 mm	14 bar	4-6 Nm	11,3 mm	4	9245 623 330
Straight	32 mm		4-6 Nm	16 mm	5	9240 000 460
Straight	33 mm	14 bar		11,3 mm	6	9245 631 110
Straight	43 mm	14 bar		11,3 mm	7	9245 631 120
Straight	49 mm	14 bar		11,3 mm	8	9245 631 130
Straight	61,5 mm	14 bar		11,3 mm	9	9245 631 150
Angled 27°	70 mm		13-15 Nm	9,7 mm	11	9240 000 430
Angled 27°	70 mm		12-14 Nm	9,7 mm	12	9245 626 719
Angled 27°	100 mm		13-15 Nm	9,7 mm	12	2300 001 028
Angled 27°	90 mm		13-15 Nm	9,7 mm	11	9240 000 440
Angled 27°	119 mm		13-15 Nm	9,7 mm	12	9245 626 867
Angled 27°	70 mm	14 bar	12-15 Nm	9,7 mm	12	9245 626 690
Angled 27°	80 mm		13-15 Nm	9,7 mm	12	9245 626 960
Angled 45°	58 mm		13-15 Nm	9,7 mm	13	9240 000 480
Angled 90°	114 mm		4-6 Nm	16 mm	14	2300 001 026
35 MSF	35 mm		25-31 Nm	16 mm	10	9245 626 616



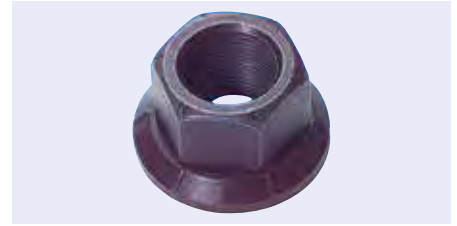
Valve extension

Version	Length	Fig.	Order no.
fixed	115 mm	1	9240 001 055
fixed	150 mm	1	9240 001 015
fixed	170 mm	1	9240 001 057
fixed	34 mm	2	9245 624 010
fixed	54 mm	2	9245 624 027
fixed	100 mm	3	2300 000 936
fixed	125 mm	3	9240 001 011
movable	140 mm	4	9240 000 500
movable	180 mm	4	9240 000 510
movable	210 mm	4	9240 000 520
movable, wire-reinforced	125 mm	5	2300 000 942
movable, wire-reinforced	175 mm	5	2300 000 958
movable, wire-reinforced	300 mm	5	9245 624 450
movable, wire-reinforced, with tensioning clamp	250 mm	6	9245 624 144
movable, wire-reinforced, with tensioning clamp	300 mm	6	9245 624 151
mobile	75 mm	7	9244 015 413
mobile	85 mm	7	9244 015 414
mobile	105 mm	7	2300 091 056
mobile	145 mm	7	9244 015 613
mobile	185 mm	7	9244 015 713
mobile	215 mm	7	9244 015 714
mobile	315 mm	7	9244 015 715
mobile	415 mm	7	9244 015 716
mobile	1000 mm	7	9244 015 717

Wheel nut

Standard DIN 74361

Height	Surface	Spanner size	Thread	Order no.
26 mm	phosphated	30 mm	M20 x 1,5	1303 201 551
27 mm	phosphated	32 mm	M22 x 1,5	1303 221 551
26 mm	geometrized	32 mm	M22 x 1,5	1303 221 552

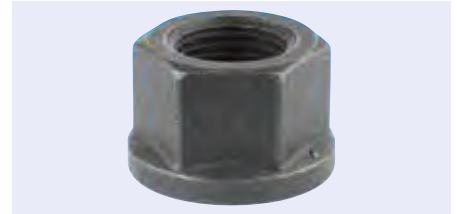


Flat collar nut

Standard DIN 74361

Surface phosphated

Height	Spanner size	Thread	Order no.
18 mm	24 mm	M18 x 1,5	1303 181 580
22 mm	30 mm	M22 x 1,5	1303 221 581



Wheel locking nut NORD-LOCK®

Loose wheel nuts on heavy goods vehicles represent an expensive, dangerous and unsolved problem. Thankfully, there is now a solution to this problem - the NORD-LOCK® wheel locking nuts (RS-nut). Loosening of wheel nuts is the main reason for wheel loss and can quickly cause accidents with serious consequences. The risk of accident as well as personal and material damage due to lost wheels are not the only consequences of loosening wheel nuts. If the wheel nuts loosen and provide the wheels with play, then the tyres also wear quicker. Uncentred wheels also cause higher fuel consumption. Frequent causes of wheel nuts coming loose include, for example, vibrations, unsuitable tightening tools, thermal expansion and contraction of the wheel nuts, braking and acceleration or axle oil loss onto the wheel nuts. Therefore, the new wheel locking nuts have a positive effect on the vehicle's maintenance.

Thread M22 x 1,5
Spanner size 32 mm
Packaging unit 20

Order no.

9900 623 823

Wheel nut protective cap

Material plastic



Spanner size	Height	Surface	Order no.
27 mm	40 mm	chrome	8600 000 020
27 mm	40 mm	black	8600 000 010
30 mm	48 mm	chrome	8600 000 040
30 mm	48 mm	black	8600 000 030
32 mm	43,6 mm	chrome	8600 000 651
32 mm	43,8 mm	black	8600 000 603
32 mm	46,5 mm	chrome	8600 000 060
32 mm	46,5 mm	black	8600 000 050
32 mm	49 mm	black	8600 000 602
32 mm	63 mm	black	8600 000 621
33 mm	50 mm	chrome	8600 000 080
33 mm	50 mm	black	8600 000 070



Wheel nut safety device

when correctly installed, prevents wheel nuts from coming loose, thereby avoiding loss of a wheel and hence the potential risk of a serious accident

Spanner size 30-33 mm

Packaging unit 25

TÜV report in accordance with § 19.2 available, certification not required.

Order no.

5050 060 158



Checkpoint

Checkpoint

By linking one wheel nut to the next, this ensures that a loose wheel nut will not spin off from the wheel stud, it is not a wheel nut clamp - it simply holds onto a loose nut, distortion of the checklink indicates that a wheel nut is loose.

Spanner size	Order no.
32 mm	9245 660 123
33 mm	9245 660 124

SECURE



NOT SECURE



Checking the tyres before the start of a journey is compulsory according to the German Employers' Liability Insurance Association and the German Road Traffic Act. Lack of knowledge and time pressure often cause this test not to be carried out before departure. Checkpoint® wheel nut indicators provide a remedy. The visual check can be performed quickly and efficiently with minimum effort and to great effect. Safety awareness is also good for the image. Today, safety is the highest requirement in all areas of transport. Checkpoints make this increased safety awareness outwardly clear.

Checkpoint®

indicates if a wheel nut on a commercial vehicle is moving. Two indicators are applied to neighbouring wheel nuts so that the tips of each indicator point at one another. If a wheel nut loosens, the pointer moves corresponding to the movement of the wheel nut and thus clearly shows a loosened wheel nut.

Dustite®

offers all the advantages of the tried and tested Checkpoint® and in addition combines these with those of a wheel nut dust cap. Dustite® is installed and aligned in the same way as Checkpoint®.

Dustite LR®

functions in the same way as Dustite®, only that the pointer is not at the base of the dust cap, but at the top, so that these products can be used on rims with wheel trims.

EUROPART
GOOD TO KNOW

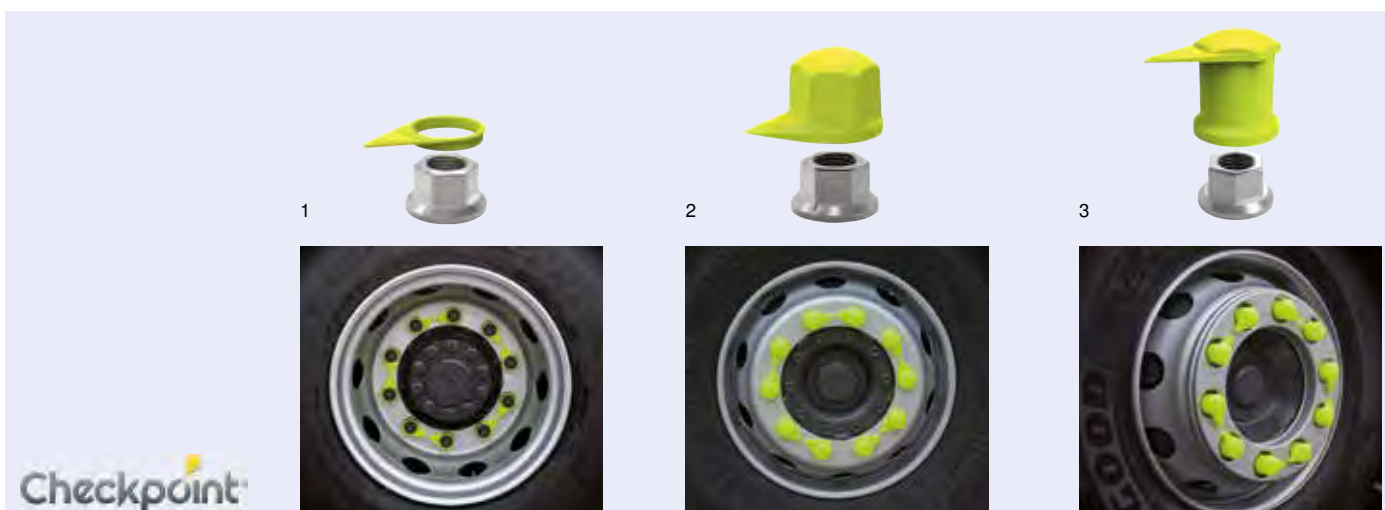


Wheel nut safety device

Safewheel®

A safety solution that offers a position holding function in one job step and reduces the likelihood of a wheel nut moving.

Number of wheel bolts	Spanner size	Hole circle Ø	Order no.
6	24 mm	245 mm	9245 660 341
6	27 mm	205 mm	9245 660 342
6	27 mm	245 mm	9245 660 343
8	30 mm	275 mm	9245 660 346
8	32/33 mm	275 mm	9245 660 347
10	30 mm	335 mm	9245 660 344
10	32/33 mm	335 mm	9245 660 340



Wheel nut indicator

Model	Spanner size	Fig.	Order no.
Checkpoint®	24 mm	1	9245 660 101
Checkpoint®	27 mm	1	9245 660 102
Checkpoint®	30 mm	1	9245 660 103
Checkpoint®	32 mm	1	9245 660 100
Checkpoint®	33 mm	1	9245 660 104
Dustite®	32 mm	2	9245 660 113
Dustite®	33 mm	2	9245 660 114
Dustite LR®	24 mm	3	9245 660 129
Dustite LR®	27 mm	3	9245 660 134
Dustite LR®	30 mm	3	9245 660 117
Dustite LR®	32 mm	3	9245 660 118
Dustite LR®	33 mm	3	9245 660 119

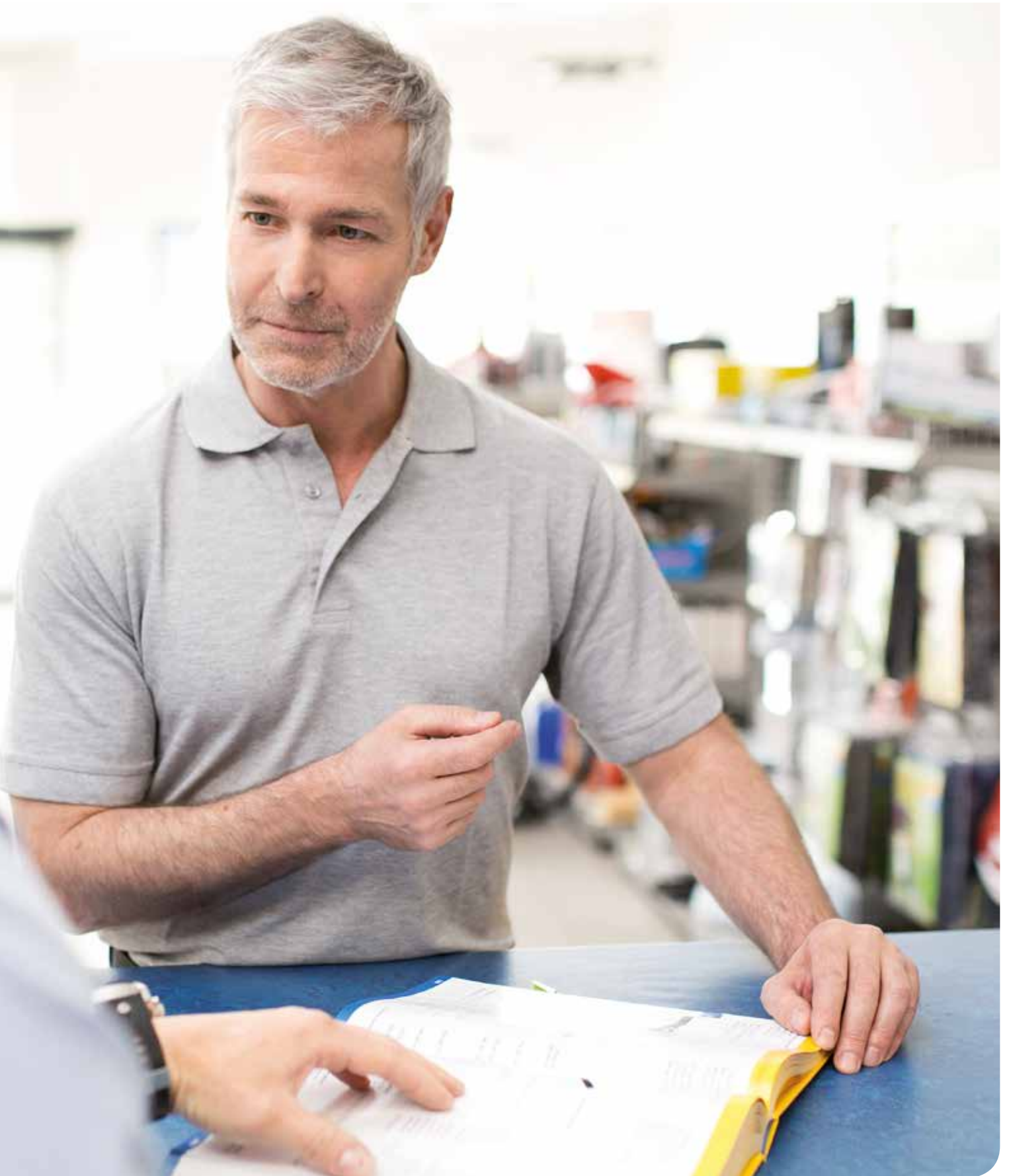
Looking for solutions? Come to us for expert advice.

First-class advice: Expert service in every area

Our staff are continuously **trained in specific products and specialist areas**, so that you can always rely on expert advice of the highest level. This ensures a **first-class all-round service**, providing a **professional solution** for you in all situations.

We also keep in constant **contact with our suppliers** and manufacturers, so you can be sure that even for complex products **no problem goes unsolved** and no request is ignored.







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2

EBS trailer modulator

System EB+ Gen3 - 2S (4S)/2M
Version with 2-way and quick exhaust valve

Order no.	Comparative no.
7300 820 001	Haldex 950 823 008



EBS connection cable

Material PVC
Voltage 24 V

Application range
for auxiliary connection
for COLAS®/ILAS®-E, DIN 72585

Length	Order no.	Comparative no.
5000 mm	3970 800 485	Haldex 814012241
7000 mm	3970 800 481	Haldex 814012201



Socket with cable

Version pins x7 + CAN bus ISO 11993, not fused
Colour blue
Cable length 12 m
Material PVC
suitable for power supply ISO 7638

Order no.	Comparative no.
3700 000 401	Haldex 814 003 102



EBS trailer modulator

System TEBS4 - 4S/3M
Voltage 24 V
Type number ES2053

Order no.	Comparative no.
3403 978 243	Knorr II39782N50





EBS trailer modulator

System TEBS G2.1 Premium - 2S/2M
Voltage 24 V
Type number ES2060

Scope of supply
without screw connection

Order no.	Comparative no.
3400 590 250	Knorr K019359V02N50



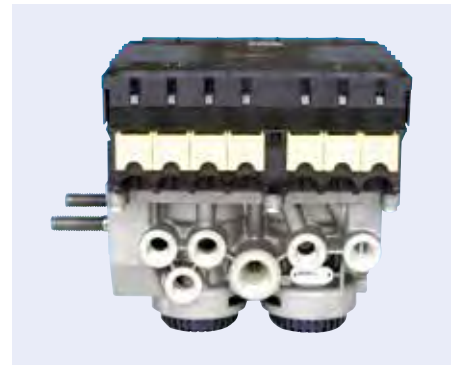
EBS trailer modulator

In exchange

System TEBS-E Premium - 4S/3M
Version 7x GIO, with ECAS
Connection M22 x 1.5 (reserve)
Voltage 24 V

Scope of supply
without screw connections and without PEM (Pneumatic Extension Module)

Order no.	Comparative no.
3800 020 607	WABCO 480 102 060 7

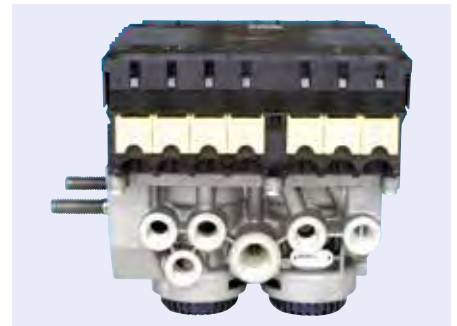


EBS trailer modulator

System TEBS-E Standard - 2S/2M
Version 4x GIO, without ECAS
Connection M22 x 1.5 (reserve)
Voltage 24 V

Scope of supply
without screw connections and without PEM (Pneumatic Extension Module)

Order no.	Comparative no.
3800 102 030	WABCO 480 102 030 7



EBS trailer modulator

Reman

System TEBS-D/RSS Premium - 4S/3M
Version with wear indicator
Connection electric, Bat/ILS/ECAS/ELM/24N/Telematik
Voltage 24 V

Order no.	Comparative no.
3800 102 014	WABCO 480 102 014 R



WABCO**ABS control unit
VCS II Elektronik**

System Standard 2S/2M
Voltage 24 V

Order no.
0765 000 700

Comparative no.
WABCO 400 500 070 0

**WABCO****ABS control unit
VCS II electronics, in exchange**

System Standard 2S/2M
Voltage 24 V

Order no.
3800 029 014

Comparative no.
WABCO 400 500 070 7

**WABCO****ABS control unit
VCS II Elektronik, in exchange**

System Premium 4S/2M (3M)
Voltage 24 V

Order no.
3800 029 013

Comparative no.
WABCO 400 500 081 7

**WABCO****ABS control unit
VCS II Elektronik**

Version painted
System Premium 4S/2M (3M)
Voltage 24 V

For certain vehicle applications, an ABS relay valve (WABCO 472 195 020 0/472 195 031 0) must be ordered at the same time!

Order no.
0765 000 820

Comparative no.
WABCO 400 500 082 0

**Alternative solutions**

WABCO 400 500 070 0 can be replaced by WABCO 400 500 081 0.
WABCO 400 500 081 0 can be replaced by WABCO 400 500 082 0.
WABCO 400 500 082 0 can be replaced by WABCO 400 500 081 0.

Setting the parameters should always be performed by a person who has been trained in the WABCO Diagnosis Software.

**EUROPART
GOOD TO KNOW**

WABCO**Conversion kit
from Vario C to VCS II**

Version with solenoid valve

Order no.

0761 059 262

Comparative no.

WABCO 446 105 926 2

**Haldex****Display unit
Info Centre 2**

This is mounted on the side of the trailer. For reading out the odometer and fault codes as well as further information available in the ECU-ABS electronics. Is supplied via the ABS diagnosis connection of the ABS cabling. Large LCD screen with sharp, high-contrast display and three control keys. After the vehicle has stopped, red LED warning lights signal for 10 minutes if a fault is present.

Scope of supply
without cable

Order no.

3781 501 101

Comparative no.

Haldex 815041001





Release valve

Version manual
Thread M16 x 1,5

Fastening	Order no.	Comparative no.
in line	3735 218 011	Haldex 352018011
flange	3779 026 570	Haldex 352045001



Release valve



This figure corresponds to 3400 017 120

Connection thread	Operating pressure	Type number	Order no.	Comparative no.
12/2: M22 x 1,5	max. 8.5 bar	AE4257	3400 017 120	Knorr II18068
12/2: M16 x 1,5	max. 8 bar	AE4264	3400 426 400	Knorr II36055
12/2: M22 x 1,5	max. 8.5 bar	AE4232	3402 423 200	Knorr II36133



Quick-release valve

Connection 1 M22 x 1,5
Connection 3 M22 x 1,5

Connection 2	Fastening	Operating pressure	Fig.	Order no.	Comparative no.
4 x M16 x 1,5	Flange	max. 10,5 bar	1	3735 613 031	Haldex 356022011
1 x M22 x 1,5	in line	max. 7,35 bar	2	3735 601 011	Haldex 356001011

¹ with reinforced membrane



Non-return valve

Version with articulated piston
Connection thread 1/12/2: M22 x 1,5
Operating pressure max. 10 bar

Order no.	Comparative no.
3779 024 050	Haldex 333001201





Quick-release valve

Connection 3 M22 x 1,5
 Operating pressure 12 bar

Connection 1	Connection 2	Fig.	Order no.	Comparative no.
2 x M22 x 1,5	4 x M16 x 1,5	1	0645 000 510	WABCO 973 500 051 0
M22 x 1,5	2 x M22 x 1,5	2	0064 500 000	WABCO 973 500 000 0



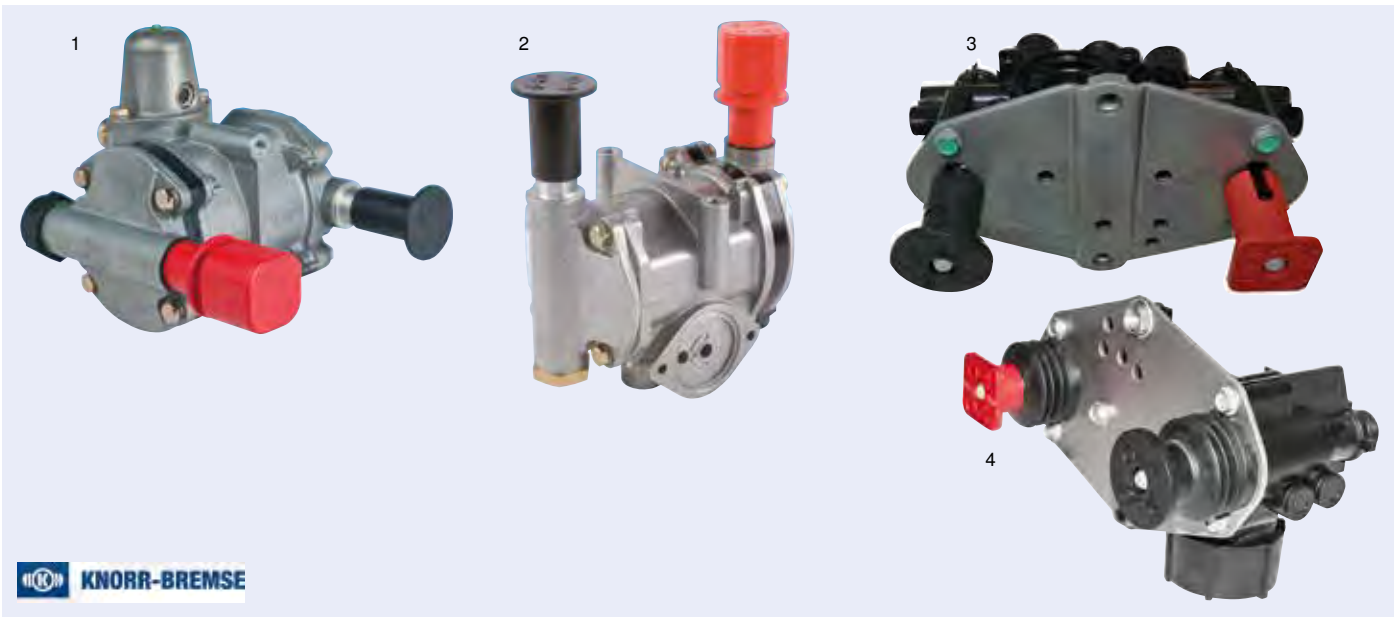
Release valve

Connection thread 1-1/1-2/21/22: M16 x 1,5
 Operating pressure max. 8.5 bar

Application range
 for diaphragm and spring actuator part

Version	Fig.	Order no.	Comparative no.
double, without return valve, with operating sign	1	0610 010 520	WABCO 963 001 052 0
with check valve and operating plate	2	0610 010 517	WABCO 963 001 051 7

¹ in exchange



Combination release valve

Operating pressure max. 8.5 bar

Version	Connection thread	Fig.	Order no.	Comparative no.
with overflow valve and interlock valve	1/1-2/21/22: 8 x 1 2:12 x 1,5	1	3400 020 123	Knorr K020123N00
with overflow valve, without interlock valve	1/1-2: M16 x 1,5 2: M22 x 1,5	2	3400 045 781	Knorr K015849N00
with check valve and interlock valve	1/11/21/22/3: M16 x 1,5	3	3402 424 700	Knorr I136131
with overflow valve, without interlock valve	1/1-2/21/22/23: 8 x 1	4	8000 257 000	Knorr K025700N00

¹ Connection PTC (Push-to-Connect)



Combination release valve TrCM (Trailer Control Modul)

The Trailer Control Module in particular meets the requirements of EEC Directive 71/320 Braking Devices and ECE Regulation R 13.

Version	without return valve, with overflow valve and release valve	Opening pressure	6,2 bar
Connection thread	1: M22 x 1,5 1-2/21/22/23/24/4: M16 x1,5 25: M12 x 1,5	Closing pressure	5,2 bar
Operating pressure	10 bar	Standard	DIN/ISO 1219
		Temperature range	-40 °C to +70 °C

Scope of supply
with instruction plate

The Trailer Control Module in particular meets the requirements of EEC Directive 71/320 Braking Devices and ECE Regulation R 13.

Order no.	Comparative no.
3735 267 001	Haldex 352067101



Combination release valve

TrCM+ Safe Parking

Parking Hold is a new additional function which has the effect that during coupling, although the service brake releases, the spring brake cylinders go to the braking position. Before starting a journey, the spring brake cylinders must be manually released with the release valve.

Connection thread	1/12: M22 x 1,5 1-2/21/23/24/2/4: M16 x 1,5 25: M12 x 1,5
Operating pressure	10 bar
Opening pressure	6,2 bar
Closing pressure	5,2 bar
Standard	DIN/ISO 1219
Temperature range	-40 °C to +70 °C

Application range

semi-trailers, centre axle trailers, turntable drawbar trailers

The Trailer Control Module+ in particular meets the requirements of EEC Directive 71/320 Braking Devices and ECE Regulation R 13.

Order no.	Comparative no.
3973 520 676	Haldex 352067601



Combination release valve

TEM® Safe Parking

Safe Parking is a new additional function which has the effect that during uncoupling or pressure loss, the spring brake cylinders go to the braking position. Before starting a journey, the spring brake cylinders must be manually released using the park valve.

Operating pressure	10 bar
Opening pressure	6,2 bar
Closing pressure	5,2 bar
Temperature range	-40 to +80 °C

Application range

semi-trailers, centre axle trailers, turntable drawbar trailers

The TEM® in particular meets the requirements of EEC Directive 71/320 Braking Devices and ECE R 13.

This figure corresponds to 3973 520 750

Version	Connection thread	Order no.	Comparative no.
with overflow valve and release valve	1/12: M22 x 1,5 1-2/21: M16 x 1,5	3973 520 750	Haldex 352075001
without overflow valve, with release valve	1/12: M22 x 1,5 1-2: M16 x 1,5	0397 352 011	Haldex 352075011
with overflow valve, without release valve	1/12: M22 x 1,5 1-2/21: M16 x 1,5	0397 352 031	Haldex 352075031
without overflow valve or release valve	1/12: M22 x 1,5 1-2: M16 x 1,5	3973 520 510	Haldex 352075051
with overflow valve and release valve	1/1-2/12/21: TU 8 x 1	3773 520 751	Haldex 352075101



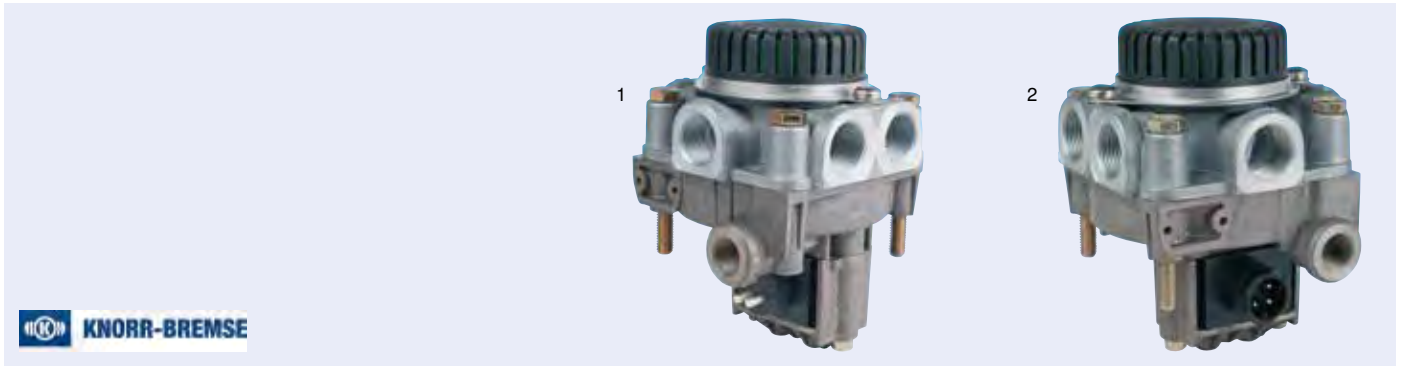
Combination release valve

PREV

Version	with instruction plate
Operating pressure	max. 10 bar

Type	Order no.	Comparative no.
	0390 039 000	WABCO 971 002 900 0
in exchange	3800 029 007	WABCO 971 002 900 7

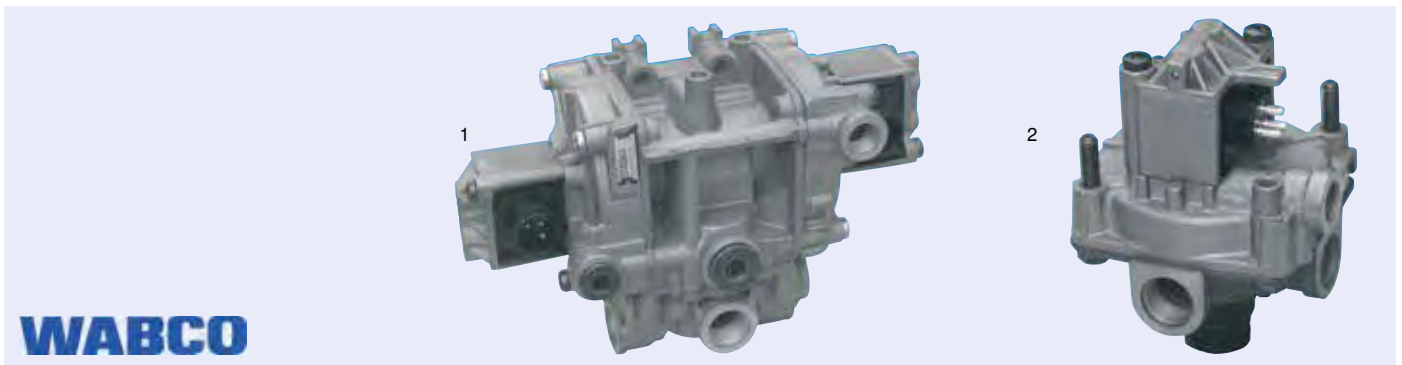




ABS pressure control valve

Connection thread	1/2: M22 x 1,5 4: M16 x 1,5
Operating pressure	max. 10 bar
Rated current	1.65 A
Voltage	24 V
Temperature range	-40 to +75 °C

Version	Connection	Type number	Fig.	Order no.	Comparative no.
with relay function	electric, M24 x 1		1	3450 408 080	Knorr K125877K50
without relay function	electric, bayonet DIN 72585	BR9234	2	3450 408 710	Knorr II37091N00



ABS relay valve in exchange

Connection	electric, bayonet (DIN)
Operating pressure	max. 10 bar
Voltage	24 V
Temperature range	-40 °C – +80 °C

Connection thread	Protection class	Fig.	Order no.	Comparative no.
1/21/22/23: M22 x 1,5	IP66/69K	1	0371 950 407	WABCO 472 195 041 7
1/2: M22 x 1,5 4: M16 x 1,5	IP68	2	0371 950 310	WABCO 472 195 031 7

WABCO**EBS relay valve**

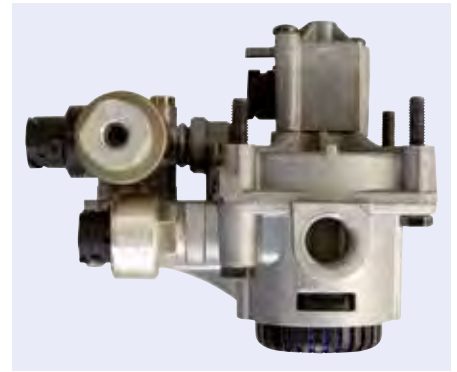
Version	3/2 way
Connection	electric, bayonet (DIN)
Connection thread	M22 x 1.5 / M12 x 1.5
Operating pressure	max. 10 bar
Protection class	IP69K
Voltage	24 ± 6 V
Temperature range	-40 °C – +80 °C

Order no.

0642 070 010

Comparative no.

WABCO 480 207 001 0



2

Pneumatic components and accessories

WABCO**Repair kit
for EBS relay valve****Scope of supply**

- 1 EBS relay valve
- 1 adapter cable with bayonet connector
- 1 connection cable with socket
- 1 screw-in connector, M12 x 1.5/dia. 8 x 1

Order no.

0376 034 300

Comparative no.

WABCO 480 207 921 2

**WABCO****Repair kit
for EBS relay valve****Scope of supply**

- 2 x bolts, 1 x gasket kit, 1 x supplementary sheet

Order no.

3800 207 920

Comparative no.

WABCO 480 207 920 2





Membrane brake cylinder

Type 16

Stroke 57 mm
 Length of piston rod 15 mm
 Operating pressure max. 10 bar

Connection	Fig.	Order no.	Comparative no.
2 x M16 x 1,5	1	3700 010 007	Haldex 125160001
M16 x 1,5	2	3705 160 003	Haldex 125160008



Membrane brake cylinder

Type 24

Connection 2 x M16 x 1,5
 Stroke 80 mm
 Length of piston rod 186 mm
 Piston rod thread M16 x 1,5
 Operating pressure max. 10 bar

Order no.	Comparative no.
3973 240 002	Haldex 123240002



Membrane brake cylinder

Stroke 57 mm
 Length of piston rod 15 mm
 Operating pressure max. 10 bar

Application range
 vehicles with disc brake

Type	Connection	Type number	Fig.	Order no.	Comparative no.
16	VOSS 232	BS3301	1	3450 407 920	Knorr K004146N00
16	M16 x 1.5	BS3300	2	8000 000 773	Knorr II14535
16	M16 x 1.5	BS3326	3	3450 409 100	Knorr II38466F
20	M16 x 1.5	BS3404	2	8000 000 775	Knorr II31098
22	M16 x 1.5	BS3453	2	8000 000 776	Knorr II31099

Membrane brake cylinder

Connection	2 x M16 x 1,5
Stroke	75 mm
Length of piston rod	180 mm
Piston rod thread	M16 x 1,5
Operating pressure	max. 8.5 bar

Application range

Vehicles with S-cam brake



(Illustration similar)

Type	Version	Type number	Order no.	Comparative no.
24	with gaiter and one-piece band clamp	BX3535	3400 019 220	Knorr I133442A
30	with sealing washer and two-piece band clamp	BX3605	3405 366 400	Knorr I133445A

Membrane cylinder accessories

Type 12/16



Order no.

3419 988 270

WABCO

Double diaphragm brake cylinder

with extra-long piston rod and threaded fork head, high reliability through sturdy construction, compact brake cylinder design due to barrel-shaped parking brake spring, high resistance to corrosion

Stroke	75/75 mm
Release pressure	4,8 bar

operating pressure, max. (service brake/spring brake cylinder) 10,2/8,5 bar

Length	Type	Order no.	Comparative no.
279 mm	24/30	3803 761 120	WABCO 925 376 112 0
288 mm	30/30	3803 771 100	WABCO 925 377 110 0





Combination brake cylinder

Type 24/30

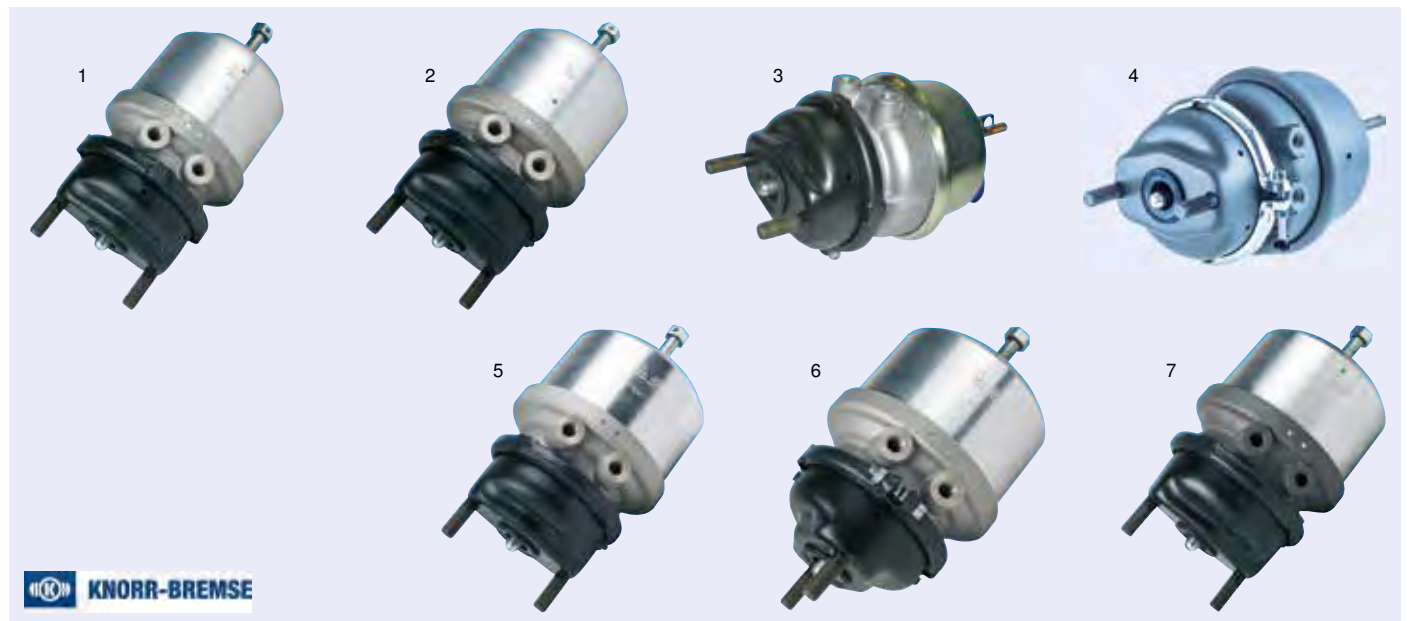
Version	with fork head, without pipeline
Connection	M16 x 1,5
Operating pressure	max. 10,2 bar
Stroke	76/76 mm
Piston rod thread	M16 x 1,5

Application range

Vehicles with S-cam brake

This figure corresponds to 3731 362 431

Length of piston rod	Order no.	Comparative no.
188 mm	7771 000 840	Haldex 1362430006
246 mm	3731 362 431	Haldex 1362430001



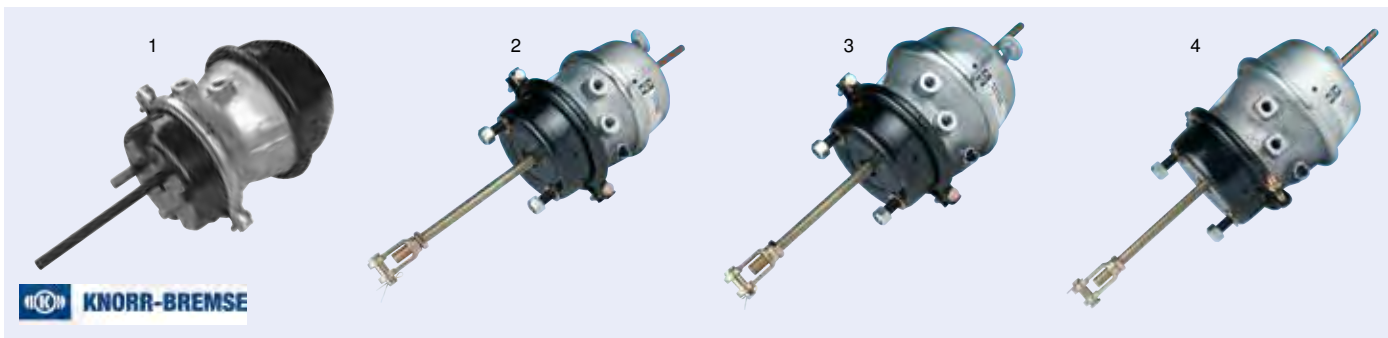
Combination brake cylinder

Connection	M16 x 1.5/M16 x 1.5
Stroke	57/57 mm
Length of piston rod	15 mm

Application range

vehicles with disc brakes

Type	Type number	Fig.	Order no.	Comparative no.
16/16	BS9379	1	3400 937 900	Knorr I138465F
16/16	BS9397	2	3450 407 950	Knorr I131227
16/24	BS7309	3	3411 073 090	Knorr K026896N00
16/24	BS7319	4	3400 001 901	Knorr K026901N00
16/24	BS9304	5	8000 000 781	Knorr I130619
16/24	BS9335	6	3450 409 010	Knorr I138110F
BS7318, 16/24	BS7318		3400 019 110	Knorr K026900N00
T20 BS9404	BS9404	7	3400 046 489	Knorr I131407000



Combination brake cylinder

Connection M16 x 1,5/M16 x 1,5
 Pin spacing 120,7 mm
 Type number BX7408

Application range

Vehicles with S-cam brakes

Type	Stroke	Length of piston rod	Type number	Fig.	Order no.	Comparative no.
20/24	57/57 mm	290 mm	BX7401		3422 740 100	Knorr K031736N00
20/30	76/76 mm	227 mm	BX7408	1	3400 074 080	Knorr K031733N00
24/24	64/64 mm	285 mm	BX7516	2	3422 751 600	Knorr K031738N00
24/30	64/64 mm	250 mm	BX7514	3	3422 751 400	Knorr K031748N00
24/30	76/76 mm	250 mm	BX7523	4	3422 752 300	Knorr K031739N00
30/30	64/64 mm	290 mm	BX7611		3422 076 110	Knorr K031744N00



Combination brake cylinder

Type 24/24

Connection M22 x 1,5/M22 x 1,5 VOSS
 Stroke 57/57 mm
 Length of piston rod 300 mm
 Piston rod thread M16 x 1,5
 Pin spacing 120,7 mm
 Type number BX9519

Application range

Vehicles with S-cam brake

Scope of supply

with installation kit consisting of: 2 adapters (M22 x 1,5 to M16 x 1,5), fork head, lock nut, bolt, split pin, 2 self-locking nuts

Order no.	Comparative no.
3600 028 038	Knorr I137277



Combination brake cylinder

24/30, with double membrane

Length of piston rod 186 mm
 Operating pressure 10,2/8,5 bar

Order no.	Comparative no.
3734 618 111	WABCO 925 376 000 0





Combination brake cylinder 30/30, with double membrane

Length of piston rod 186 mm
Operating pressure 10,2/8,5 bar

Application range
Vehicles with S-cam brake

Order no.
3731 363 031

Comparative no.
WABCO 925 377 000 0





Trailer brake valve

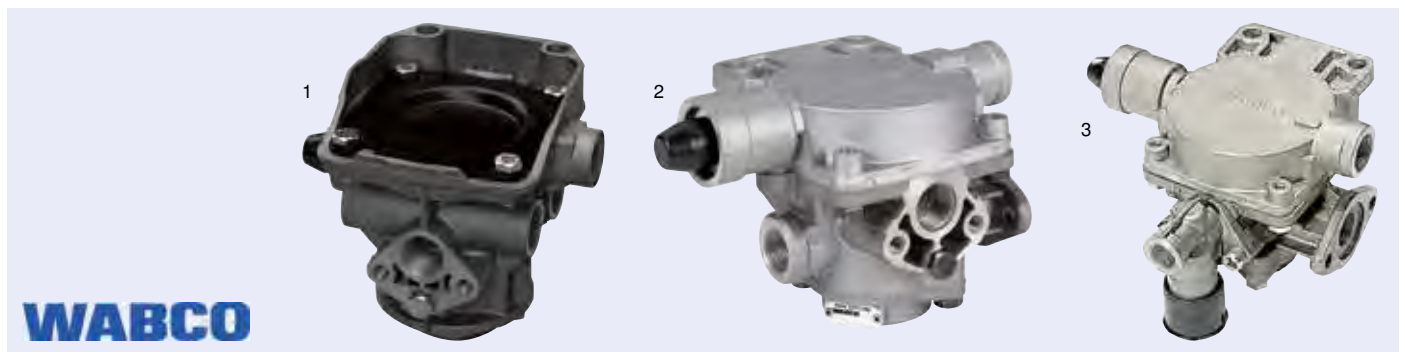
Operating pressure 10 bar

Thread	Order no.	Comparative no.
4 x M16 x 1,5/2 x M22 x 1,5	3731 033 001	Haldex 351033001
5 x M22 x 1,5	3735 108 022	Haldex 351008022
4 x M22 x 1,5/1 x M16 x 1,5	3735 108 522	Haldex 351008122
4 x M22 x 1,5/1 x M16 x 1,5	3735 027 502	Haldex 350027202



2

Pneumatic components and accessories



Trailer brake valve

Version	Connection thread	Operating pressure	Fig.	Order no.	Comparative no.
without lead	1/1-2/2: M22 x 1,5 4: M16 x 1,5	max. 8.5 bar	1	0630 023 010	WABCO 971 002 301 0
adjustable with lead: 0 to 1 bar	1/1-2/2: M22 x 1,5 4: M16 x 1,5	max. 8.5 bar	1	0630 023 007	WABCO 971 002 300 7
adjustable with lead: 0 to 1 bar	1/1-2/2/4: M22 x 1,5	max. 10 bar	2	0630 021 507	WABCO 971 002 150 7
combined with release valve and lead	1/1-2/2/4: M22 x 1,5	max. 10 bar	3	0630 025 337	WABCO 971 002 533 7

¹ in exchange



ABS trailer brake valve

Version static
 Connection thread 1/2 bottom/43: M16 x 1,5
 1-2/1-4/2 at the side: M22 x 1,5
 41/42: M12 x 1,5
 Operating pressure max. 10 bar
 Control ratio 1:8
 Control pressure 0,7-3,8 bar
 Temperature range -40 to +80 °C

Order no.	Comparative no.
0397 155 007	WABCO 475 715 500 7



WABCO

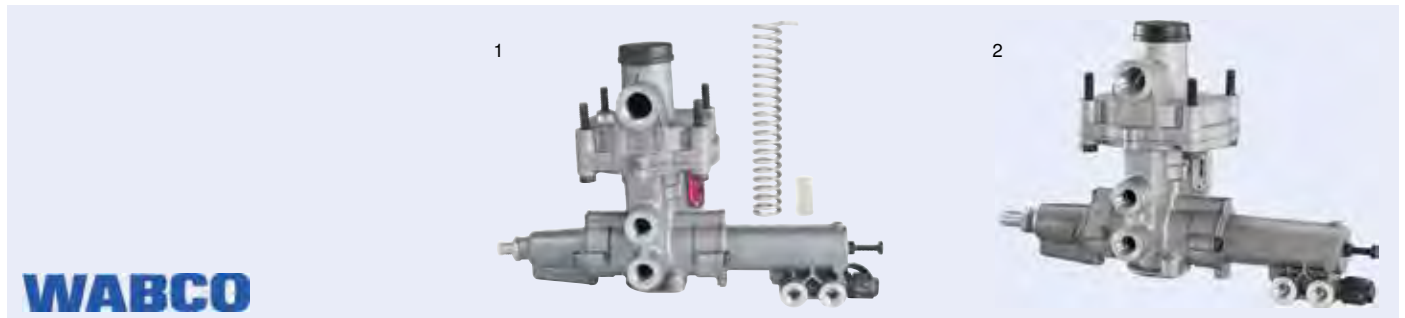
EBS trailer brake valve

Operating pressure max. 8.5 bar
 Connection thread 1/1-2: M22 x 1,5
 2/4: M16 x 1,5

Scope of supply
 without pressure sensor

If the software level is C1, C2, repair kit 0630 029 212 is required!
If the software level is C3 or D, repair kit 0630 029 222 is required!

Order no.	Comparative no.
0630 028 050	WABCO 971 002 805 0



ALB controller in exchange

Version pneumatic
 Connection thread 1: M22 x 1,5
 2/4/3: M16 x1,5
 41/42: M12 x 1,5
 Operating pressure max. 10 bar
 Control ratio 1:8
 Temperature range -40 to +80 °C

Control pressure	Order no.	Comparative no.
0,7-3,8 bar	0397 145 007	WABCO 475 714 500 7
0,7-4,7 bar	0397 145 097	WABCO 475 714 509 7

¹ pneumatic, universal

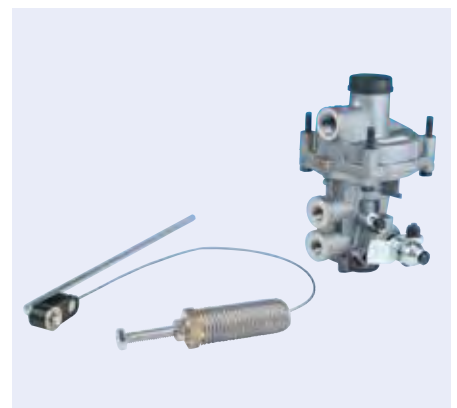
WABCO

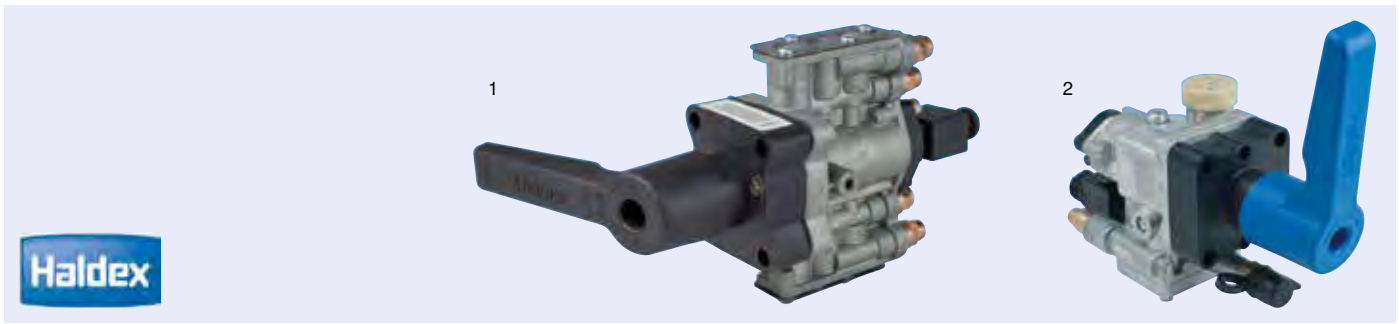
ALB controller in exchange

Version mechanical, with lever and complete linkage
 Connection thread 1/4: M22 x 1,5
 2: M16 x 1,5
 Operating pressure max. 10 bar
 Control stroke 20°
 Temperature range -40 to +80 °C

Adjustment/calibration is required on the vehicle. Please note that you will need the matching WABCO mounting kit for installation.

Order no.	Comparative no.
0397 135 007	WABCO 475 713 500 7





Valve for lifting/lowering equipment

with watchdog circuit

Version	automatic
Connection	electric, bayonet (DIN)
Operating pressure	max. 8.5 bar
Voltage	24 V DC
Angle	0°

Model	Connection thread	Number of lines	Fig.	Order no.	Comparative no.
COLAS®	1/11/12/21/22: 8 x 1 mm push-in	2	1	3700 511 210	Haldex 338051121
COLAS® +	1/11: 8 x 1 mm push-in 21: 12 x 1,5 mm push-in	1	2	3700 062 001	Haldex 338062201



Valve for lifting/lowering equipment

Operating pressure max. 13 bar

Version	Connection thread	Type number	Fig.	Order no.	Comparative no.
mechanical, with Speed Pulse (SP) function	11: M22 x 1,5 12/13/2: M16 x 1,5	SV3293	1 ¹	3411 032 930	Knorr K054883N00
mechanical, automatic return to STOP in drive position, 1 lever	11: M22 x 1,5 12/2: M16 x 1,5	SV3200	2	3400 361 450	Knorr II36145

¹ Connection electric, bayonet (DIN)

WABCO

Rotation valve as replacement

Connection thread	1: M16 x 1,5 21/22/23/24: M12 x 1,5
Gripping length	122 mm
Operating pressure	10 bar

Order no.	Comparative no.
0300 320 207	WABCO 463 032 020 7



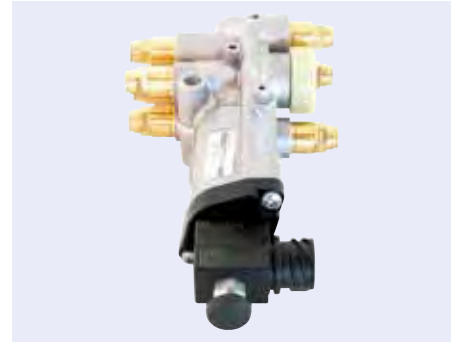


2

Lifting axle control valve

Model ILAS®-E+
 Connection electric, bayonet (DIN 72585-A1-2.1-SN/K1)
 Connection thread 7 x M12 x 1,5 push-in

Order no.	Comparative no.
3735 270 011	Haldex 352080001



Pneumatic components and accessories



Lifting axle control valve

Connection electric, bayonet (DIN 72585)
 Operating pressure max. 10 bar
 Type number AE1141

Connection thread	Fig.	Order no.	Comparative no.
1/11/21/23/3: M16 x 1,5	1	3400 355 700	Knorr K125537N00
1/11/21/23: 8 x 1 quick-release fastener 3: M16 x 1,5	2	3400 045 780	Knorr K015384N00



Overflow valve

Version without return flow
 Connection thread 1/2: M22 x 1,5
 Operating pressure max. 20 bar
 Opening pressure 6 bar
 Closing pressure 5,2 bar
 Temperature range -40 to +80 °C
 Type number DR4378

Order no.	Comparative no.
3411 004 378	Knorr K000644



Lifting axle control valve

Version without screw fitting
 Connection electric, bayonet (DIN)
 Connection thread 21/22: M22 x1,5
 Operating pressure max. 13 bar
 Protection class IP6K9K
 Voltage 24 ± 6 V
 Temperature range -40 °C – +80 °C

Order no.	Comparative no.
0300 840 310	WABCO 463 084 031 0





FOR A LIFE ON THE ROAD. A LIFE FOR THE ROAD AND FOR
 UNDER TIME PRESSURE. SO MUCH THAT LIES BEHIND ME, SO
 DEEP VALLEYS, HEAT, EXTREME COLD - AND I HAVE TO PER-
 ITS DESTINATION ON TIME - AND MY BOSS GETTING HOME
 THAT'S EXACTLY WHAT I WAS CREATED FOR. AND
 I'M PACKED WITH TOP-QUALITY MODERN TECHNOLOGY: A
 MOTOR, PERFECTLY BALANCED BRAKING AND POWERTRAIN
 EVERYTHING FOR A LONG LIFE ON THE ROAD. ONLY THE BEST
 BEST SO I DON'T GRIND TO A HALT. LONG JOURNEYS,
 GO TRAFFIC. A REAL ENDURANCE TEST FOR MY BRAKES. BUT I
 PERFORM, REGARDLESS. EVEN AFTER MANY MILES, MY BOSS
 IN THE FACT THAT I'LL COME TO A PERFECT STOP. BUT HE
 CARE OF ME. HE ALWAYS HAS ALL OF MY FUNCTIONS ON
 SMARTPHONE AND ALWAYS KNOWS HOW I'M GETTING ON.

TO REMOVAL KNOWS HOW TO
 INTERPRET - REGARDLESS OF HOW MANY MILES
 BETWEEN PUNCTURE BY THE BEST RULES IN
 FULL RANGE OF GEAR FOR PERFORMANCE
 TRUCK
 S
 E
 RVIC
 ESTR
 LUCKS
 ER
 VICES
 TRUC
 K
 SERVICES

NOW MORE THAN
 EVER MY BOSS
 AND I KNOW EACH
 OTHER WELL
 WE'RE A TEAM
 AND I'M WELL RUN
 IN THAT'S WHY I
 NOW GET GENUINE
 REMANUFACTURED SPARES THAT MAKES IT
 CHEAPER FOR MY BOSS - AND I STILL FEEL FIT
 AGAIN. AND IT CAN KEEP GOING LIKE THIS
 BECAUSE I'M STILL NOT ALLOWED TO STAND
 STILL. TIME IS MONEY AND EVERY MILE COUNTS
 THE NEXT TRIP. LOTS OF EXTRA MILES ALWAYS
 NEW CHALLENGES TO FACE: HARSH WINTERS,
 S W E L T E R I N G
 SUMMERS - IT
 NEVER ENDS. I
 JUST KEEP ON
 DRIVING

WE LOVE LIFE ON THE ROAD. AND EVEN WHEN I
 GET OLD, MY BOSS WILL STILL BE ABLE TO COUNT ON
 ME. BECAUSE EVEN THEN, THERE'LL STILL BE TOP-QUALITY
 SPARE PARTS TO KEEP US ON THE MOVE.

AND IF REQUIRED, THERE'S ALWAYS SOME-
 ONE THERE FOR ME: THERE ARE DEALER-
 SHIPS THROUGHOUT THE WORLD THAT
 CAN SUPPLY ME WITH GENUINE SPARE
 PARTS THAT FIT ME PERFECTLY. AND
 THE PROFESSIONALS IN THE
 WORKSHOP KEEP ME IN GOOD
 SHAPE AND GET ME BACK ON
 THE ROAD IN NO TIME AT ALL.

AND SO IT GOES ON: DAY IN, DAY OUT ON OUR REGULAR
 ROUTE - AND EVERY NOW AND THEN TO DESTINATIONS
 NEW. AND EVEN AFTER SO MANY TRIPS, I'M STILL NOT
 TIRED OF DRIVING. THERE'S SO MUCH TO SEE AND DO.
 WE'RE ALWAYS ON THE GO, MAKING SURE EVERYTHING
 GETS SAFELY TO ITS DESTINATION.

KEEP IT RUNNING

EVERY VEHICLE TELLS ITS STORY.
 WE ARE PART OF THIS STORY!

Wherever a vehicle may happen to be, and whatever its destination, we're there along with it: mile for mile, in cities, countries, on all the roads - always a live wire, always on the move.

With spare parts in the known Knorr-Bremse OE Quality, which fit perfectly to every commercial vehicle and comprehensive services for distributors, workshops, fleets and drivers we take care, that it always arrives at its destination safely and in time.

| www.knorr-bremseCVS.com |

WABCO

ECAS solenoid valve

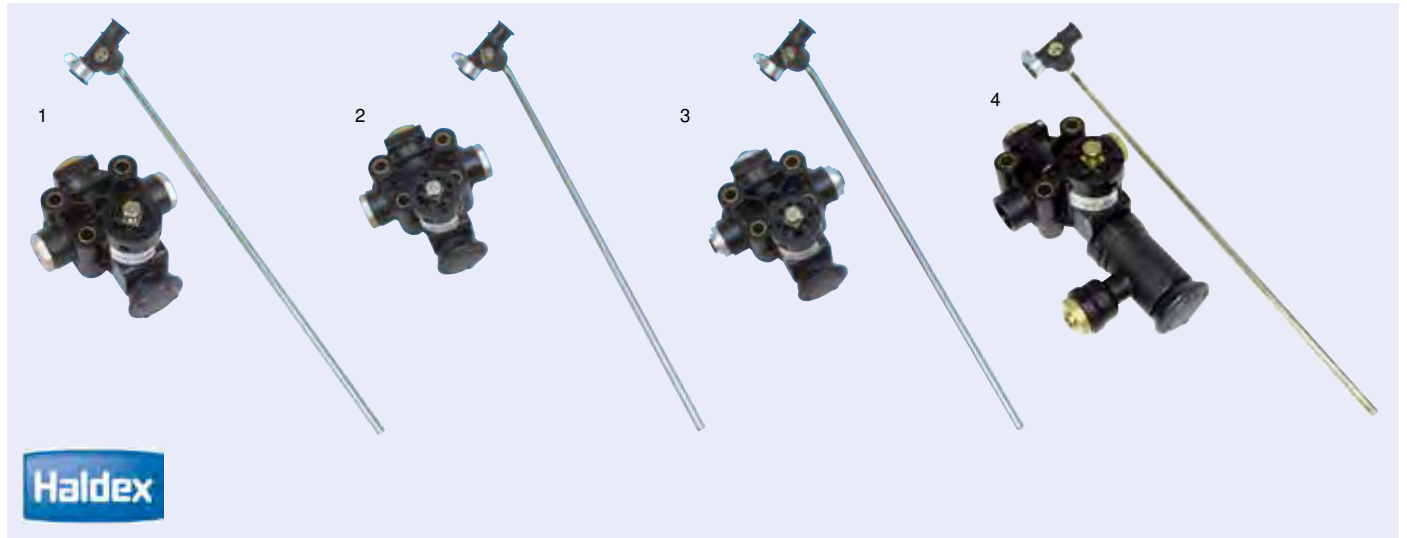
Connection electric, bayonet (DIN)
 Connection thread M22 x 1,5
 Operating pressure max. 13 bar
 Installation location Rear axle/lift axle
 Rated current 0.33 A
 Voltage 24 V
 Protection class IP66A

Order no.	Comparative no.
0379 051 140	WABCO 472 905 114 0



Pneumatic components and accessories

2



Air spring valve

EGP® (Engineering Grade Plastic), for level control

Version with round lever, transverse throttling
 Operating pressure max. 13 bar

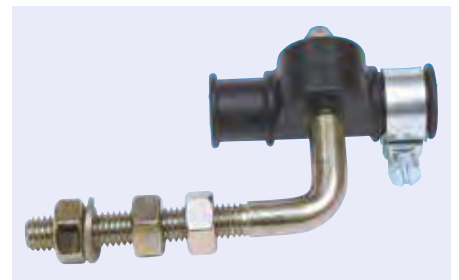
Connection thread	Nominal width	Fig.	Order no.	Comparative no.
M12 x 1,5	3 mm	1	3761 217 591	Haldex 612035021
M12 x 1,5	4 mm	2	3761 217 111	Haldex 612035031
8 mm push-in	1,25 mm	3	3761 203 504	Haldex 612035041
8 mm push-in	3 mm	4	3761 257 001	Haldex 612057001
8 mm push-in	3 mm	4	3564 720 138	Haldex 612047002



Rods for air suspension valve

Fastening M8

Order no.	Comparative no.
3761 225 001	Haldex 612025001





Air spring valve

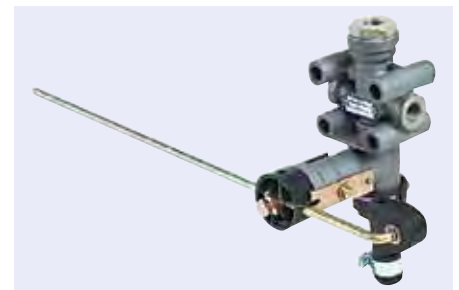
Operating pressure max. 12 bar
Lever length max. 290 mm

Version	Connection thread	Type number	Fig.	Order no.	Comparative no.
with round lever, transverse throttling, without fixed setting and height limit	11/21: M12 x 1,5	SV1395	1	3400 046 478	Knorr I119425
with round lever, transverse throttling, without fixed setting	11/21: M12 x1,5 12/23: M16 x1,5	SV1410	2	3450 407 410	Knorr I98289

WABCO

Air spring valve

Operating pressure max. 13 bar
Nominal width 2 x Ø 3 mm



This figure corresponds to 0310 060 027

Version	Connection thread		Order no.	Comparative no.
two-stage, transverse throttle, with linkage	1/21/22: M12 x 1,5	¹	0310 060 027	WABCO 464 006 002 7
two-stage, transverse throttle, with height limitation and linkage	1/21/22: M12 x 1,5 12/23: M16 x1,5	¹	0310 061 007	WABCO 464 006 100 7
two-stage, transverse throttle, with height limitation and linkage	1/21/22: M12 x 1,5 12/23: M16 x1,5		0310 061 010	WABCO 464 006 101 0

¹ in exchange



2

Dehumidification valve ADV

Version automatic
 Connection thread M22 x 1,5
 Operating pressure max. 20 bar

This figure corresponds to 3731 516 001

Technical data	Order no.	Comparative no.
pressure difference (Dp) 0,2-0,5 bar	3731 516 001	Haldex 315016001
pressure difference (Dp) 0,2-0,4 bar	3970 031 001	Haldex 315031001



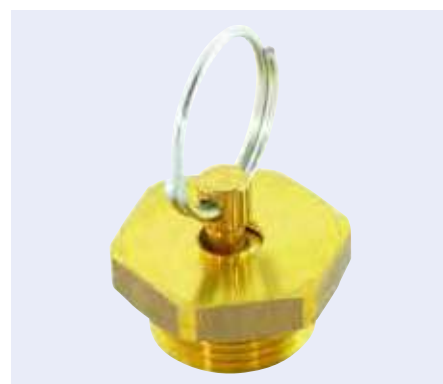
Pneumatic components and accessories



Dehumidification valve

Version manual, with ring
 Connection thread M22 x 1,5
 Operating pressure max. 13 bar

Order no.	Comparative no.
3975 019 031	Haldex 315019031





Tyre pressure monitoring system

TPMS

suitable for	rim diameter 17,5" - 22,5"
Pressure range	0-14 bar
Temperature range	-30 °C to +85 °C
Voltage	12-24 V

Scope of supply

1x TPMS receiver unit, 1x InfoCentre connection cable, 1x TPMS connection cable, 1x InfoCentre2, 7x Haldex TPMS stickers, 6x sensors for wheel units, 6x band clamps for sensors

Order no.

3979 108 150

Comparative no.

Haldex 910815025



2

Pneumatic components and accessories



TPMS

Haldex TPMS is a tyre pressure and temperature monitoring system for all commercial vehicle trailers with EB+. EB+ simplifies the transmission of the pressure and temperature data of each wheel over a ISO11992 CAN bus to the tractor vehicle. The InfoCentre 2 can be used locally on the trailer for the pressure and temperature display.

The wheel unit sensor (WUS) measures the pressure and the temperature inside the tyre and transmits all the measurement data by radio frequency (RF) to the receiving control unit (RCU). The RCU determines the condition of the system and sends the condition data to the electronic brake system (EBS) over the CAN bus of the trailer. The EBS then sends the data to the dashboard, at which the pressure information, warnings, instructions and system conditions can be called up by the driver as required.

The system is configured and diagnosed over the CAN bus with DIAG+. The TPMS trigger communicates with the wheel unit sensor (WUS) using a low frequency connection (LF) and this is used to make the wheel unit sensor send its unique identification code (ID) to the receiving control unit (RCU).

The tyre pressure monitoring system (TPMS) is composed of the following components:

- The receiving control unit (RCU) - fixed to the vehicle chassis, controls the TPMS functions.
- The wheel unit sensor (WUS) - strapped to the inner rim of each tyre to be monitored.
- The electronic brake system (EBS) - controls the information flow from TPMS to the dashboard of the tractor vehicle.
- The trigger - makes the wheel unit sensor (WUS) transmit its identification code (ID) to the receiving control unit (RCU).
- Diagnosis and configuration program (DIAG+) - configures the TPMS to the trailer.

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GOOD TO KNOW



Coupling head

Protect-O

Connection thread M16 x 1,5
 Operating pressure max. 10 bar
 Standard ISO 1728

Colour	Version	Type	Fig.	Order no.	Comparative no.
yellow	with line filter, without test connection	brake line	1	3973 340 851	Haldex 334085111
yellow	with line filter and test connection	brake line	2	3973 340 850	Haldex 334085101
red	with line filter, without test connection	Supply line	3	3973 340 860	Haldex 334086101



Coupling head

Application range
 for trailer

Connection thread	Colour	Type	Order no.	Comparative no.
M16 x 1,5	yellow	brake line	3410 131 100	Knorr II17355
M16 x 1,5	red	Supply line	3410 131 000	Knorr II17354
M22 x 1,5	yellow	brake line	3410 130 400	Knorr II33262
M22 x 1,5	red	Supply line	3410 130 500	Knorr II33263



Coupling head with cable filter

Version connection with bulkhead screw attachment, washer and M24 x 1.5 counter nut
 Connection thread M16 x 1.5 inner
 Operating pressure max. 8.5 bar

Application range
 for semi-trailer

Colour	Type	Order no.	Comparative no.
yellow	brake cable	3410 141 000	Knorr K000954
red	supply line	3410 140 000	Knorr K000952



Coupling head with cable filter

Colour blue
 Connection thread M16 x 1,5
 Type brake cable and supply line
 Operating pressure max. 10 bar

Application range
 for centre axle trailer and drawbar trailer

Order no.	Comparative no.
3401 002 641	Knorr K002641



Coupling head cannot be mixed up

Version without valve
 Connection thread M16 x 1,5
 Operating pressure max. 10 bar

Application range
 for trailers

Colour	Type	Order no.	Comparative no.
yellow	brake line	0592 000 220	WABCO 952 200 022 0
red	supply line	0592 000 210	WABCO 952 200 021 0



Coupling head automatic

Version with valve
 Connection thread M16 x 1,5
 Type brake cable
 Operating pressure max. 10 bar
 Colour yellow

Application range
 for motor coach

Order no.	Comparative no.
0592 002 220	WABCO 952 200 222 0



Coupling head automatic

Version with valve
 Connection thread M16 x 1,5
 Type supply line
 Operating pressure max. 10 bar
 Colour red

Order no.	Comparative no.
0592 002 210	WABCO 952 200 221 0





Coupling head

for two-cable brake systems ISO-Norm 1728, the cable filter protects the brake system of the trailer vehicle from soiling, permitted medium: air

Version	connection with bulkhead screw attachment, washer and M24 x 1,5 counter nut
Connection thread	M16 x 1.5 inner
Operating pressure	8,5 bar
Type	brake and supply line

Colour	Order no.	Comparative no.
yellow	0592 010 010	WABCO 952 201 001 0
red	0592 010 020	WABCO 952 201 002 0



Pipe filter

Connection thread	M22 x 1,5
Standard	DIN 74347

Order no.	Comparative no.
3731 005 011	Haldex 310005011



Fast-action coupling for Duo-Matic

Connection thread M16 x 1,5

Application range

for tractor units with trailer

Version	Fig.	Order no.	Comparative no.
trailer part	1	0248 040 120	WABCO 452 804 012 0
rigid truck part	2	0248 020 090	WABCO 452 802 009 0



Fast-action coupling for Duo-Matic

Connection thread M16 x 1.5

Application range
for tractor units with semi-trailer

Version	Fig.	Order no.	Comparative no.
semi-trailer part	1	0248 030 050	WABCO 452 803 005 0
Vehicle part	2	0248 050 040	WABCO 452 805 004 0

WABCO

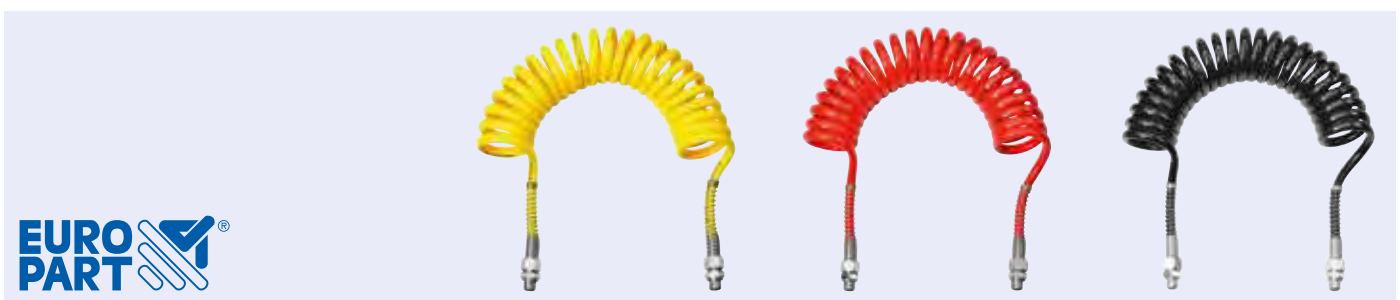
Conversion kit Duo-Matic

complete with all parts for conversion of 2-line trailer brakes

Thread M16 x 15

Application range
for rigid trucks with trailer

Order no.	Comparative no.
0248 029 202	WABCO 452 802 920 2



Air suzie

Standard similar to DIN 74323
 Material Polyurethane (PUR)
 Version Steel bending protection
 Connection M16 x 1.5/M16 x 1.5
 Working length 4500 mm
 Outer Ø 75 mm
 Number of turns 22

Colour	Order no.
black	9175 402 241
red	9129 321 523
yellow	9129 321 522





Air suzie

Standard	similar to DIN 74323
Material	Polyurethane (PUR)
Connection	M18 x 1.5/M18 x 1.5
Working length	4500 mm
Outer Ø	75 mm
Number of turns	22
Colour	black

Version	Order no.
Plastic bend protection, yellow	9129 320 528
Plastic kink protection, red	9129 321 527
Plastic bend protection, black	9129 320 524



Air suzie

Standard	DIN 74323
Material	Polyamide
Colour	black

Version	Connection	Working length	Outer Ø	Number of turns	Order no.
Plastic kink protection, red	M18 x 1.5/M18 x 1.5	4500 mm	114 mm	23	9195 210 041
Plastic bend protection, yellow	M18 x 1.5/M18 x 1.5	4500 mm	114 mm	23	9195 210 051
Plastic kink protection, red	M22 x 1.5/M22 x 1.5	6100 mm	114 mm	32	9195 769 163
Plastic bend protection, yellow	M22 x 1.5/M22 x 1.5	6100 mm	114 mm	32	9195 769 063
Plastic kink protection, red	M18 x 1.5/M18 x 1.5	8500 mm	154 mm	32	9195 769 161
Plastic bend protection, yellow	M18 x 1.5/M18 x 1.5	8500 mm	154 mm	32	9195 769 061

Compressed air tank according to EN 286-2, steel

Connection 4 x M22 x 1.5



(Illustration similar)

Volume	Length	∅	Operating pressure	Order no.
40 l	616 mm	310 mm	12,5 bar	3620 031 040
40 l	758 mm	276 mm	12,5 bar	3620 027 640
40 l	927 mm	246 mm	15,5 bar	3620 024 640
60 l	580 mm	396 mm	12,5 bar	3620 039 660
60 l	893 mm	310 mm	12,5 bar	3620 031 060
60 l	1108 mm	276 mm	15,5 bar	3620 027 660
80 l	750 mm	396 mm	12,5 bar	3620 039 680
100 l	915 mm	396 mm	12,5 bar	3620 396 100
120 l	1055 mm	396 mm	12,5 bar	3620 396 120

Compressed air tank

Volume 80 l



Order no.

7770 551 920

Comparative no.

Schmitz 05 51 92

Raufoss ABC™ push-fit connection system

The Raufoss ABC™ push-fit connection system for compressed air systems was developed in cooperation with leading commercial vehicle manufacturers. It is made mostly of plastic materials. Brass is only still used where it is technically necessary. The advantages compared with the previous BRK/P5 systems are:

- a global system for use in the truck, trailer and bus areas
- easy and secure installation (turning into position possible, secure retention due to Rotolock retaining rings, installation monitoring by click signal)
- re-usable through easy disassembly
- weight reduction of up to 83 %
- reduction in the number of components
- system cost reduction
- flexible configuration options



Components of the ABC system

- straight push-fit connections
- ABC™ quick-fit adapters
- ABC™ modular elements
- bulkhead threaded connectors
- test connection
- hose spigots
- accessories

Raufoss ABC™ threaded connections can be used for polyamide tubes (PA6.10, PA10.10, PA 10.12, PA11, PA12) and Hytel™ tubes of the following standards: ISO 7628, DIN 74324, DIN 73378, SAE J844. The threaded connections are designed for operating temperatures from -40 to +100 °C. The permitted operating pressure of the threaded connections is 12,5 bar. Please note the maximum permitted operating pressure in the tubes!

Different sizes

Raufoss offers the ABC system in three different sizes, depending on the required air flow rate:

- **Small** (∅ 14,8 mm): systems with a low air flow, such as bus door systems
- **Regular** (∅ 17,3 mm): the most widespread size, used in all commercial vehicle areas
- **Heavy Duty** (∅ 20,3 mm): systems with a large air flow, usually for heavy construction vehicles.

The size of the stub connections used determines the size of the whole system. If for example a regular stub connection is used, then the remaining modular elements must also have this size.



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Examples for installation variants



In the trailer area, Raufoss ABC™ is installed by leading manufacturers such as Schmitz Cargobull, Kögel, Krone, Tirsan etc..

On the pages that follow, EUROPART offers you the whole ABC range in the sizes relevant for the trailer, **Regular** and **Heavy Duty**, including complete sets of threaded fittings and matching special tools.

Of course, in our range we also continue to offer you spare parts for the repair of BRK/P5 systems made of brass. Contact us!





Straight plug connector ABC New Line

Pipe \varnothing	Thread	Length	Support sleeve colour	Spanner size	Fig.	Order no.	Comparative no.
6 x 1 mm	M10 x 1	24 mm	black	16 mm	1	6390 106 010	Raufoss 901 06 010
6 x 1 mm	M12 x 1,5	23 mm	black	18 mm	1	6390 106 012	Raufoss 901 06 012
6 x 1 mm	M14 x 1,5	16 mm	black	20 mm	2	6390 106 014	Raufoss 901 06 014
6 x 1 mm	M16 x 1,5	12 mm	black	22 mm	2	6390 106 016	Raufoss 901 06 016
6 x 1 mm	M22 x 1,5	12 mm	black	28 mm	2	6390 106 022	Raufoss 901 06 022
6 x 1 mm	M12 x 1,5K	22 mm	black	16 mm	2	6791 215 600	Raufoss 901 06 004
6 x 1 mm	1/8"-27 NPTF	23 mm	black	16 mm	1	6799 010 604	Raufoss 901 06 049
8 x 1 mm	M10 x 1	26 mm	black	18 mm	1	6390 108 010	Raufoss 901 08 010
8 x 1 mm	M12 x 1,5	25 mm	black	18 mm	1	6390 108 012	Raufoss 901 08 012
8 x 1 mm	M14 x 1,5	25 mm	black	20 mm	1	6390 108 014	Raufoss 901 08 014
8 x 1 mm	M16 x 1,5	17 mm	black	22 mm	1	6390 108 016	Raufoss 901 08 016
8 x 1 mm	M22 x 1,5	13 mm	black	28 mm	2	6390 108 022	Raufoss 901 08 022
8 x 1 mm	G1/8"		black	17 mm	1	6790 108 059	Raufoss 901 08 059
8 x 1 mm	G1/4"	25 mm	black	20 mm	1	6799 010 806	Raufoss 901 08 060
10 x 1 mm	M12 x 1,5	29 mm	light grey	20 mm	1	6390 110 012	Raufoss 901 10 012
10 x 1 mm	M14 x 1,5	29 mm	light grey	20 mm	1	6799 011 001	Raufoss 901 10 014
10 x 1 mm	M16 x 1,5	28 mm	light grey	22 mm	1	6390 110 016	Raufoss 901 10 016
10 x 1 mm	M22 x 1,5	20 mm	light grey	28 mm	2	6390 110 022	Raufoss 901 10 022
10 x 1,25 mm	M12 x 1,5	29 mm	black	20 mm	1	6790 110 112	Raufoss 901 10 112
10 x 1,25 mm	M16 x 1,5	28 mm	black	22 mm	1	6390 110 116	Raufoss 901 10 116
10 x 1,25 mm	M22 x 1,5	20 mm	black	28 mm	2	6390 110 122	Raufoss 901 10 122
10 x 1,5 mm	M12 x 1,5	29 mm	dark grey	20 mm	1	6799 011 021	Raufoss 901 10 212
10 x 1,5 mm	M16 x 1,5	28 mm	dark grey	22 mm	1	6799 099 999	Raufoss 901 10 216
12 x 1,5 mm	M12 x 1,5	30 mm	black	22 mm	1	6390 112 012	Raufoss 901 12 012
12 x 1,5 mm	M16 x 1,5	30 mm	black	22 mm	1	0518 030 060	Raufoss 901 12 016
12 x 1,5 mm	M22 x 1,5	19 mm	black	28 mm	2	6390 112 022	Raufoss 901 12 022
12 x 1,5 mm	G3/8"	30 mm	black	22 mm	1	6790 112 061	Raufoss 901 12 061
14 x 2 mm	M22 x 1,5	23 mm	black	28 mm	1	6790 114 022	Raufoss 901 14 022
15 x 1,5 mm	M16 x 1,5	33 mm	black	28 mm	1	6300 000 030	Raufoss 901 15 016
15 x 1,5 mm	M22 x 1,5	23 mm	black	28 mm	2	6390 115 022	Raufoss 901 15 022
16 x 2 mm	M16 x 1,5	33 mm	black	28 mm	1	6390 116 016	Raufoss 901 16 016
16 x 2 mm	M22 x 1,5	30 mm	black	28 mm	1	6390 116 022	Raufoss 901 16 022

Enhancing
the driving
experience



RAUFOSS ABC™ SYSTEM

A new generation of couplings, based on composite materials in combination with leading technology platforms.



- ▶ **Safe**
- ▶ **Sustainable**
- ▶ **Flexible**
- ▶ **One global system**



Raufoss™
COUPLINGS

 Manufactured in Norway

www.kongsbergautomotive.com



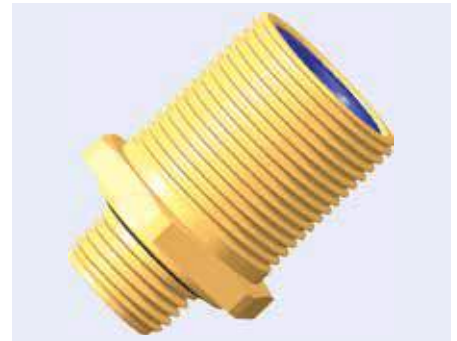
Pipe joint

Pipe \varnothing	Order no.	Comparative no.
6 x 1 mm	6799 056 000	Raufoss 905 06 006
8 x 1 mm	6799 058 000	Raufoss 905 08 008
12 x 1,5 mm	6799 051 201	Raufoss 905 12 012



Bulkhead adapter with ABC New Line

Pipe \varnothing 12 x 1,5 mm
Spanner size 28 mm



Outer thread	Outer thread	Length	Order no.	Comparative no.
M16 x 1,5	M24 x 1,5	30 mm	6799 091 201	Raufoss 909 12 016
M22 x 1,5	M24 x 1,5	26 mm	6799 091 202	Raufoss 909 12 022

Hose nipple New Line

Pipe \varnothing 8 x 1 mm
Connection- \varnothing 11 mm
Thread M22 x 1,5
Length 20/30 mm
Spanner size 26 mm

Order no.	Comparative no.
6799 100 801	Raufoss 910 08 011



Hose connection

Pipe \varnothing 12 x 1,5 mm
Connection- \varnothing 11 mm
Length 30 mm

Can only be used in combination with Raufoss New Line connectors 901 12 0XX.

Order no.	Comparative no.
6794 311 012	Raufoss 943 11 012



Stub connection ABC



Connection	Outer thread	Cover colour	Spanner size	Order no.	Comparative no.
Regular	M10 x 1	green	18 mm	6793 150 010	Raufoss 931 50 010
Regular	M12 x 1,5	green	18 mm	6799 315 001	Raufoss 931 50 012
Regular	M14 x 1,5	green	20 mm	6799 315 004	Raufoss 931 50 014
Regular	M16 x 1,5	green	22 mm	6799 315 006	Raufoss 931 50 016
Regular	M22 x 1,5	green	28 mm	6799 315 002	Raufoss 931 50 022
Regular	1/8"-27 NPTF	green	18 mm	6793 150 049	Raufoss 931 50 049
Regular	1/4"-18 NPTF	green	18 mm	6793 150 050	Raufoss 931 50 050
Regular	3/8"-18 NPTF	green	18 mm	6793 150 051	Raufoss 931 50 051
Regular	1/2"-14 NPTF	green	22 mm	6793 150 052	Raufoss 931 50 052
Regular	G 1/4"	green	20 mm	6793 150 060	Raufoss 931 50 060
Regular	R 3/8"	green	22 mm	6799 315 008	Raufoss 931 50 061
Heavy Duty	M16 x 1,5	blue	22 mm	6793 160 016	Raufoss 931 60 016
Heavy Duty	M22 x 1,5	blue	28 mm	9010 050 315	Raufoss 931 60 022
Heavy Duty	M26 x 1,5	blue	32 mm	6793 160 026	Raufoss 931 60 026
Heavy Duty	3/8"-18 NPTF	blue	22 mm	6793 160 051	Raufoss 931 60 051
Heavy Duty	1/2"-14 NPTF	blue	22 mm	6793 160 052	Raufoss 931 60 052

Stub connection ABC, extended

Connection Regular
Outer thread M14 x 1,5
Cover colour green
Spanner size 20 mm

Length	Order no.	Comparative no.
42 mm	6793 151 014	Raufoss 931 51 014
55 mm	6793 159 014	Raufoss 931 59 014



Bulkhead adapter ABC

Cover colour green



Connection	Outer thread	Inner thread	Thread length	Spanner size	Order no.	Comparative no.
Regular	M18 x 1,5	M12 x 1,5	14 mm	22 mm	6793 351 218	Raufoss 933 51 218
Regular	M22 x 1,5	M16 x 1,5	23 mm	28 mm	6793 351 622	Raufoss 933 51 622
Heavy Duty	M28 x 1,5	M22 x 1,5	24 mm	34 mm	6793 362 228	Raufoss 933 62 228

Double bulkhead fitting ABC

Connection Regular
Cover colour green

Pipe \varnothing	Connection thread	Thread length	Spanner size	Order no.	Comparative no.
8 x 1 mm	M20 x 1,5	18 mm	24 mm	6793 450 080	Raufoss 934 50 080
12 x 1,5 mm	M24 x 1,5	23 mm	28 mm	6793 450 120	Raufoss 934 50 120

Bulkhead adapter ABC



Connection	Outer thread	Thread length	Version	Cover colour	Order no.	Comparative no.
Regular	M16 x 1,5	35 mm	with 24°-10 taper	green	6793 352 416	Raufoss 933 52 416
Regular	M18 x 1,5	22 mm	with 24°-10 taper	green	6793 353 418	Raufoss 933 53 418
Regular	M18 x 1,5	42 mm	with 24°-12 taper	green	6793 352 418	Raufoss 933 52 418
Heavy Duty	M18 x 1,5	42 mm	with 24°-12 taper	blue	6793 362 418	Raufoss 933 62 418



Bulkhead adapter ABC

Connection Regular
Connection thread M22 x 1,5
Thread length 18 mm

Connection thread	Order no.	Comparative no.
M16 x 1,5	6793 352 216	Raufoss 933 52 216
M22 x 1,5	6793 352 222	Raufoss 933 52 222



Double bulkhead fitting ABC

Connection thread M22 x 1,5
Spanner size 28 mm

Connection	Thread length	Cover colour	Order no.	Comparative no.
Regular	23 mm	green	6793 352 205	Raufoss 933 52 205
Heavy Duty	27 mm	blue	6793 362 206	Raufoss 933 62 206



Circlip Rotolock



Connection	Inner Ø	Colour	Order no.	Comparative no.
Regular	18 mm	light grey	6799 645 201	Raufoss 964 52 018
Regular	20 mm	dark grey	6799 645 002	Raufoss 964 50 020
Regular	22 mm	light grey	6799 645 020	Raufoss 964 50 022
Regular	28 mm	dark grey	6799 645 202	Raufoss 964 52 028
Heavy Duty	22 mm	light grey	6796 460 022	Raufoss 964 60 022
Heavy Duty	28 mm	dark grey	6796 462 028	Raufoss 964 62 028

Straight plug connector ABC Threadless



Connection	Pipe \varnothing	Head length	Support sleeve colour	Cover colour	Order no.	Comparative no.
Regular (brass)	4 x 1 mm	19 mm		green	6799 024 000	Raufoss 902 04 005
Regular	6 x 1 mm	4 mm	black	green	6799 020 600	Raufoss 902 06 005
Regular	8 x 1 mm	8 mm	black	green	6799 020 800	Raufoss 902 08 005
Regular	10 x 1 mm	11 mm	light grey	green	3002 439 556	Raufoss 902 10 005
Regular	10 x 1,25 mm	11 mm	black	green	6790 210 105	Raufoss 902 10 105
Regular	10 x 1,5 mm	11 mm	dark grey	green	6790 210 205	Raufoss 902 10 205
Regular	12 x 1,5 mm	18 mm	black	green	6799 021 200	Raufoss 902 12 005
Heavy Duty	12 x 1,5 mm	18 mm	black	blue	6300 212 006	Raufoss 902 12 006
Heavy Duty	14 x 2 mm	21 mm	black	blue	6790 214 006	Raufoss 902 14 006
heavy duty	15 x 1,5 mm	21 mm	black	blue	0630 215 006	Raufoss 902 15 006
Heavy Duty	16 x 2 mm	21 mm	black	blue	6799 021 600	Raufoss 902 16 006

Elbow plug connector ABC Push-In, 90 °



Connection	Pipe \varnothing	Length	Support sleeve colour	Order no.	Comparative no.
Regular	6 x 1 mm	31/21 mm	black	6790 306 005	Raufoss 903 06 005
Regular	8 x 1 mm	33/21 mm	black	3002 439 557	Raufoss 903 08 005
Regular	10 x 1 mm	35/24 mm	light grey	3002 439 558	Raufoss 903 10 005
Regular	10 x 1,25 mm	35/24 mm	black	6790 310 105	Raufoss 903 10 105
Regular	10 x 1,5 mm	35/24 mm	dark grey	6790 310 205	Raufoss 903 10 205
Regular	12 x 1,5 mm	37/24 mm	dark grey	3002 439 559	Raufoss 903 12 205
Heavy Duty	15 x 1,5 mm	46/31 mm	black	6790 315 006	Raufoss 903 15 006
Heavy Duty	16 x 2 mm	46/31 mm	black	6790 316 006	Raufoss 903 16 006

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COUPLINGS

Straight connector ABC

Connection 2 x Regular
Length 45 mm

Order no.	Comparative no.
6799 615 020	Raufoss 961 50 205



Raufoss
COUPLINGS

Angled piece ABC, 45 °

Connection	Length	Order no.	Comparative no.
2 x Regular	2 x 25 mm	3002 439 560	Raufoss 920 50 045
2 x Heavy Duty	2 x 30 mm	6302 060 045	Raufoss 920 60 045



Raufoss
COUPLINGS

Angled piece ABC, 90 °

Connection	Length	Order no.	Comparative no.
2 x Regular	2 x 29 mm	6799 205 009	Raufoss 920 50 090
2 x Heavy Duty	2 x 34 mm	6793 700 694	Raufoss 920 60 090



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COUPLINGS

F piece

Connection	Length	Order no.	Comparative no.
3 x Regular	31/26,1/27 mm	3002 439 561	Raufoss 920 50 015
3 x Heavy Duty	36,3/30,6/32 mm	6792 060 015	Raufoss 920 60 015



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T-piece ABC

Connection	Length	Order no.	Comparative no.
3 x Regular	62/26 mm	6799 205 001	Raufoss 920 50 010
3 x Heavy Duty	73/31 mm	6799 206 001	Raufoss 920 60 010



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Y-piece ABC

Connection Regular
Length 54,8 mm

Order no.	Comparative no.
6799 205 003	Raufoss 920 50 030



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COUPLINGS

3-way angle block ABC

Connection	Length	Order no.	Comparative no.
3 x Regular	3 x 28 mm	6792 052 060	Raufoss 920 50 060
3 x Heavy Duty	3 x 33 mm	6799 206 000	Raufoss 920 60 060



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COUPLINGS

Cross piece ABC

Connection	Length	Order no.	Comparative no.
4 x Regular	4 x 29 mm	3002 439 562	Raufoss 920 50 070
4 x Heavy Duty	4 x 34 mm	6309 206 007	Raufoss 920 60 070



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COUPLINGS

4-way angle block ABC

Connection	Length	Order no.	Comparative no.
4 x Regular	50/28 mm	6792 050 061	Raufoss 920 50 061
4 x Heavy Duty	59/33 mm	6792 060 061	Raufoss 920 60 061



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COUPLINGS

Straight connector ABC, with tongue

Connection 2 x Regular
Length 45/29 mm

Order no.	Comparative no.
6796 150 225	Raufoss 961 50 225



Raufoss
COUPLINGS

T-piece ABC, with tongue

Connection	Length	Order no.	Comparative no.
3 x Regular	27/26 mm	6792 050 025	Raufoss 920 50 025
3 x Heavy Duty	28/31 mm	6792 060 025	Raufoss 920 60 025



Raufoss
COUPLINGS

Stub connection ABC, with 24° taper

Connection Regular
Outer thread M12 x 1,5

Order no.	Comparative no.
6793 152 412	Raufoss 931 52 412



Adapter ABC, with female thread

Connection Regular
Cover colour green

Inner thread	Spanner size	Order no.	Comparative no.
M10 x 1	18 mm	6793 150 110	Raufoss 931 50 110
M12 x 1,5	18 mm	6393 150 112	Raufoss 931 50 112
M14 x 1,5	18 mm	6393 150 114	Raufoss 931 50 114
M16 x 1,5	22 mm	6393 150 116	Raufoss 931 50 116
M22 x 1,5	28 mm	6393 150 122	Raufoss 931 50 122
1/8" NPTF	18 mm	6793 150 149	Raufoss 931 50 149
1/4" NPTF	18 mm	6793 150 150	Raufoss 931 50 150
G 1/14"	18 mm	6793 150 160	Raufoss 931 50 160



Test connection ABC

Connection Regular
Cover colour green
Standard ISO 3583

Order no.	Comparative no.
3002 411 074	Raufoss 960 50 000



Reducing adapter ABC

Connection Heavy Duty – Regular
Head length 15,1 mm

Order no.	Comparative no.
6799 615 010	Raufoss 961 50 106



Connector ABC, threadless

Connection	Order no.	Comparative no.
Regular – Regular	6306 239 738	Raufoss 965 50 005
Regular – Heavy Duty	6306 550 006	Raufoss 965 50 006
Heavy Duty – Heavy Duty	6306 560 006	Raufoss 965 60 006



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COUPLINGS

Plug ABC, threadless

Connection	Cover colour	Order no.	Comparative no.
Regular	green	6396 250 000	Raufoss 962 50 000
Heavy Duty	blue	6306 260 000	Raufoss 962 650 000



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COUPLINGS

Plug for push-fit connection

Size	Order no.	Comparative no.
4 x 1,0	6799 621 000	Raufoss 962 10 004
6 x 1,0	6799 621 064	Raufoss 962 10 006
8 x 1,0	6796 210 008	Raufoss 962 10 008
10 x 1/10 x 1,25/10 x 1,5	6799 621 111	Raufoss 962 10 010
15 x 1,5	6396 210 010	Raufoss 962 10 015
16 x 2,0	6306 210 016	Raufoss 962 10 016



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COUPLINGS

Plug for transport protection

Size	Colour	Order no.	Comparative no.
6 x 1	red	6799 670 600	Raufoss 967 06 000
6 x 1	yellow	6799 670 601	Raufoss 967 06 010
8 x 1	red	6796 708 000	Raufoss 967 08 000
10 3/8"	red	6796 710 000	Raufoss 967 10 000
12 x 1,5	red	6799 671 200	Raufoss 967 12 000
15 x 1,5	yellow	6799 671 500	Raufoss 967 15 010
16 x 2	red	6799 671 600	Raufoss 967 16 000



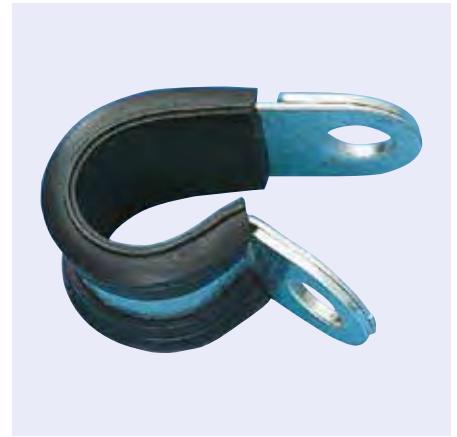
Pipe clip

RSGU 1, with rubber profile

high-grade fastening material for secure, vibration-damping suspension of pipelines, cables, hoses etc., made of hot-galvanised steel, rubber profile made of chloroprene

Width 15/18,5 mm
Bore hole 6,4 mm

Pipe \varnothing	Order no.	Pipe \varnothing	Order no.
6 mm	2300 011 534	16 mm	2300 011 568
8 mm	9100 736 710	20 mm	9173 101 220
10 mm	9100 736 720	22 mm	9173 101 320
12 mm	9100 736 730	25 mm	9173 101 520
15 mm	9100 736 740	28 mm	2300 011 602
18 mm	9100 736 750	30 mm	9100 736 780



Plastic pipe

contains plasticiser for extrusion, stabilised against thermal ageing and light

Standard DIN 74324
Material Polyamide 12
Length 25 m
Colour black

Application range

for compressed air systems



Outer \varnothing	Wall thickness	Bending radius	Version	Order no.
4 mm	1 mm	30 mm	operating pressure at +20 °C: 45 bar	9194 310 021
5 mm	1 mm	30 mm	operating pressure at +20 °C: 34 bar	9176 720 161
6 mm	1 mm	30 mm	operating pressure at +20 °C: 27 bar	0492 519 177
8 mm	1 mm	40 mm	operating pressure at +20 °C: 19 bar	0492 519 167
9 mm	1,5 mm	60 mm	operating pressure at +20 °C: 27 bar	9176 720 131
10 mm	1 mm	60 mm	operating pressure at +20 °C: 15 bar	0492 519 157
10 mm	1,5 mm	60 mm	operating pressure at +20 °C: 23 bar	9176 720 081
11 mm	1,5 mm	60 mm	operating pressure at +20 °C: 21 bar	9194 270 001
12 mm	1,5 mm	60 mm	operating pressure at +20 °C: 19 bar	0492 519 147
14 mm	2 mm	75 mm	operating pressure at +20 °C: 22 bar	9176 720 141
15 mm	1,5 mm	90 mm	operating pressure at +20 °C: 15 bar	0492 519 137
16 mm	2 mm	100 mm	operating pressure at +20 °C: 19 bar	9010 060 445
18 mm	2 mm	100 mm	operating pressure at +20 °C: 17 bar	0492 519 127

Pipe cutter for plastic pipe

Material plastic

Order no.
9172 090 100

Service parts

Description	Order no.
Spare blade	9172 090 270





Dismantling tool standard

Pipe \varnothing	Order no.	Comparative no.
6 x 1 mm, 1/4"	6799 660 601	Raufoss 966 06 010
8 x 1 mm	6796 608 010	Raufoss 966 08 010
10 x 1/10 x 1,25/10 x 1,5 mm, 3/8"	6796 610 010	Raufoss 966 10 010
12 x 1,5 mm, 1/2"	6796 612 710	Raufoss 966 12 710
14 x 2 mm	6796 614 010	Raufoss 966 14 010
15 x 1,5 mm	6796 615 010	Raufoss 966 15 010
16 x 2 mm	6796 616 010	Raufoss 966 16 010



Dismantling tool Professional

Pipe \varnothing	Order no.	Comparative no.
6 x 1 mm	6796 606 020	Raufoss 966 06 020
8 x 1 mm	6799 660 800	Raufoss 966 08 020
10 x 1/10 x 1,25/10 x 1,5 mm, 3/8"	6796 610 020	Raufoss 966 10 020
12 x 1,5 mm, 1/2"	6796 612 020	Raufoss 966 12 020
15 x 1,5 mm	6796 615 020	Raufoss 966 15 020
16 x 2 mm, 5/8"	6796 616 020	Raufoss 966 16 020



Releasing pipes using the removal tool

1. Fully depressurise the compressed air system by venting it
2. Press the pipe into the fitting to release the clamp ring.
3. Place the removal tool on the pipe.
4. Without using excessive force, press the removal tool up to the edge of the fitting (use silicone spray if necessary).
5. Hold the tool firmly in the fitting and pull the pipe out of the fitting while turning the pipe slightly at the same time.
6. Remove the removal tool.

It is recommended that a maximum of 5 assemblies and disassemblies are performed, for the service life of the push-fit connections.



EUROPART
GOOD TO KNOW

Dismantling tool set Professional

Material aluminium

Application range
for releasing pipes from ABC couplings

Scope of supply
1 each of pipe \varnothing 6 x 1,0/8 x 1,0/10 x 1,0/12 x 1,5/15 x 1,5/16 x 2,0

It is recommended that a maximum of 5 assemblies and disassemblies are performed, for the service life of the push-fit connections.

Version	Order no.	Comparative no.
6-piece	6302 600 970	Raufoss 2600970



Disassembly of modular elements

The ABS modular elements can be disassembled with a pair of circlip pliers. The parts can be used again.



**EUROPART
GOOD TO KNOW**



Circlip pliers DIN 5254 B, for outer rings, bent at a right angle

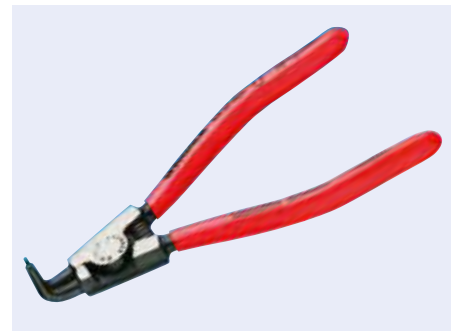
polished head, handles with plastic cover

\varnothing 19-60 mm

Overall length 170 mm

Order no.

9534 810 562





Fittings set for an emergency repair

compatible with all air brake systems with 8 mm and 12 mm \varnothing , M16 x 1,5 and M22 x 1,5 threads, offers a wide range of fitting options

Scope of supply

- 1 x ABC connector, Regular, M16 x 1,5
- 1 x ABC straight connector New Line, pipe \varnothing 8 x 1 mm, M16 x 1,5
- 1 x ABC straight connector New Line, pipe \varnothing 12 x 1,5 mm, M16 x 1,5
- 2 x ABC straight connector threadless, Regular, pipe \varnothing 8 x 1,0
- 2 x ABC straight connector threadless, Regular, pipe \varnothing 12 x 1,5
- 1 x ABC connector, straight, Regular, length 45 mm
- 1 x ABC Tee, Regular, length 62/26 mm
- 1 x ABC elbow, 90°, Regular, length 29 mm
- 1 x dismantling tool, standard, pipe \varnothing 8 x 1,0
- 1 x dismantling tool, standard, pipe \varnothing 12 x 1,5
- 1 x adapter, outside thread M22 x 1,5, inside thread M16 x 1,5

Version	Order no.	Comparative no.
13-piece	6301 942 000	Raufoss 194200



2

Pneumatic components and accessories



Screw joint case for RAUFOSS ABC system

Scope of supply

- 3 x ABC connection pieces, Regular, M12 x 1,5
- 2 x ABC connection pieces, Regular, M14 x 1,5
- 5 x ABC connection pieces, Regular, M16 x 1,5
- 3 x ABC connection pieces, Regular, M22 x 1,5
- 2 x ABC connection pieces, Heavy Duty, M16 x 1,5
- 2 x ABC connection pieces, Heavy Duty, M22 x 1,5
- 3 x ABC New Line straight connectors, M12 x 1,5, pipe \varnothing 6 x 1 mm
- 3 x straight connectors ABC New Line, M16 x 1,5, pipe \varnothing 6 x 1 mm
- 5 x ABC New Line straight connectors, M12 x 1,5, pipe \varnothing 8 x 1 mm
- 5 x straight connectors ABC New Line, M16 x 1,5, pipe \varnothing 8 x 1 mm
- 3 x straight connectors ABC New Line, M22 x 1,5, pipe \varnothing 8 x 1 mm
- 5 x straight connectors ABC New Line, M16 x 1,5, pipe \varnothing 12 x 1,5 mm
- 3 x straight connectors ABC New Line, M22 x 1,5, pipe \varnothing 12 x 1,5 mm
- 2 x straight connectors ABC New Line, M16 x 1,5, pipe \varnothing 16 x 2 mm
- 3 x straight connectors ABC New Line, M22 x 1,5, pipe \varnothing 16 x 2 mm
- 1 x Rotolock, Regular, hex 18 mm
- 2 x Rotolock, Regular, hex 20 mm
- 1 x Rotolock, Regular, hex 22 mm
- 2 x Rotolock, Regular, hex 28 mm
- 3 x plugs for connectors, pipe \varnothing 8 x 1 mm
- 3 x plugs for connectors, pipe \varnothing 12 x 1,5 mm
- 2 x ABC threadless connector, Regular, pipe \varnothing 6 x 1 mm
- 5 x ABC threadless connector, Regular, pipe \varnothing 8 x 1 mm
- 5 x ABC threadless connector, Regular, pipe \varnothing 12 x 1,5 mm
- 2 x ABC threadless connector, Regular, pipe \varnothing 16 x 2 mm
- 5 x ABC straight connectors, Regular, length 45 mm
- 5 x 90° elbows, Regular, length 29 mm
- 2 x 90° elbows, Heavy Duty, length 34 mm
- 3 x T & L pieces, Regular, length 62/26 mm
- 1 x T & L piece, Heavy Duty, length 73/31 mm
- 2 x Y pieces, Regular, length 55 mm
- 2 x ABC reducers, Regular, length 15 mm
- 2 x dismantling tool, standard, pipe \varnothing 6 x 1 mm
- 2 x dismantling tool, standard, pipe \varnothing 8 x 1 mm
- 2 x dismantling tool, standard, pipe \varnothing 12 x 1,5 mm

Version	Order no.
101-piece	6302 600 960





Screw joint case for RAUFOSS ABC system

Scope of supply

- 3 x connectors ABC, Regular, M12 x 1.5
- 1 x connector ABC, Regular, M14 x 1.5
- 3 x connectors ABC, Regular, M16 x 1.5
- 3 x connectors ABC, Regular, M22 x 1.5
- 1 x bulkhead muff, Regular, male thread M22 x 1.5, internal thread M16 x 1.5
- 2 x adapter, rotolock, Regular, internal \varnothing 22 mm
- 3 x adapter, rotolock, Regular, internal \varnothing 28 mm
- 3 x straight plug connectors, ABC threadless, tube \varnothing 6 x 1, Regular
- 3 x straight plug connectors, ABC threadless, tube \varnothing 8 x 1, Regular
- 3 x straight plug connectors, ABC threadless, tube \varnothing 10 x 1, Regular
- 2 x straight plug connectors, ABC threadless, tube \varnothing 10 x 1.25, Regular
- 2 x straight plug connectors, ABC threadless, tube \varnothing 12 x 1.5, Regular
- 2 x elbow plug connectors, ABC push-in, tube \varnothing 6 x 1, Regular
- 2 x elbow plug connectors, ABC push-in, tube \varnothing 8 x 1, Regular
- 2 x elbow plug connectors, ABC push-in, tube \varnothing 10 x 1, Regular
- 2 x elbow plug connectors, ABC push-in, tube \varnothing 10 x 1.25, Regular
- 1 x elbow plug connectors, ABC push-in, tube \varnothing 12 x 1.5, Regular
- 2 x angled piece, 45°, Regular
- 2 x angled piece, 90°, Regular
- 2 x F piece, Regular
- 2 x T piece, Regular
- 2 x Y piece, Regular
- 2 x 3 way angle block, Regular
- 2 x cross piece, Regular
- 1 x 4 way angle block, Regular



Version

53-piece

Order no.

6792 600 967



Screw joint case for RAUFOSS ABC system

Scope of supply

- 2 x connectors, Heavy Duty, M22 x 1.5
- 2 x adapter, rotolock, Heavy Duty, 28 mm
- 2 x straight plug connectors, ABC threadless, tube \varnothing 15 x 1.5, Heavy Duty
- 2 x straight plug connectors, ABC threadless, tube \varnothing 16 x 2, Heavy Duty
- 2 x elbow plug connectors, ABC push-in, tube \varnothing 15 x 1.5, Heavy Duty
- 2 x elbow plug connectors, ABC push-in, tube \varnothing 16 x 2, Heavy Duty
- 2 x T piece, Heavy Duty
- 2 x F piece, Heavy Duty
- 2 x reducer adapter, Heavy Duty – Regular
- 2 x connector, threadless, Regular – Regular
- 2 x connector, threadless, Regular – Heavy Duty
- 2 x test connection, Regular
- 2 x adapter, Regular, internal thread, M12 x 1.5
- 2 x adapter, Regular, internal thread, M16 x 1.5



Version

20-piece

Order no.

6792 600 968

WABCO**Diagnostic case
for trailer****Scope of supply**

trailer EBS interface cable, trailer VCS I/II, CAN adapter cable, diagnostic interface set, CAN adapter, trailer connection cable

Order no.

0763 010 230

Comparative no.

WABCO 446 301 023 0

**WABCO****Diagnostic interface set****DI-2, for trailers**

Version USB 2.0

Order no.

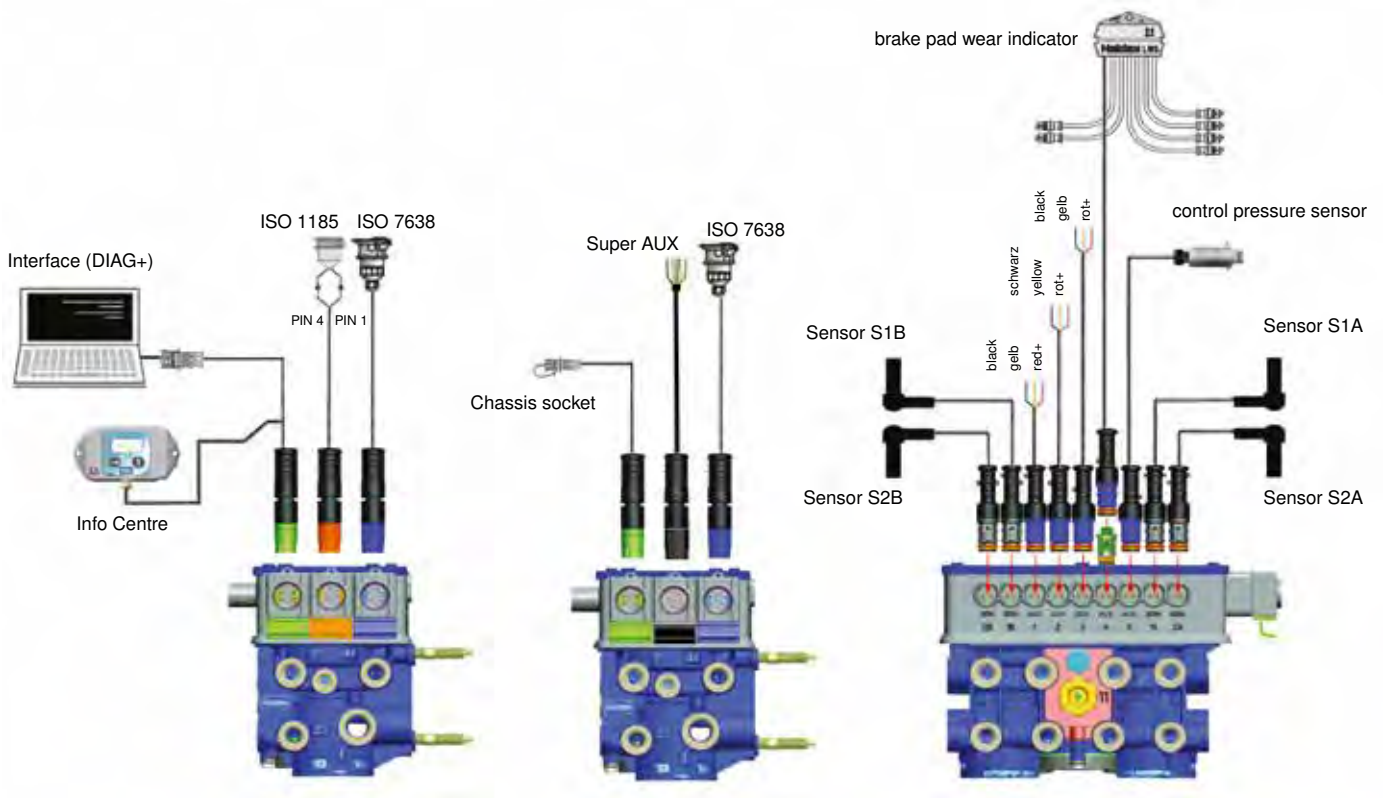
0443 010 300

Comparative no.

WABCO 446 301 030 0

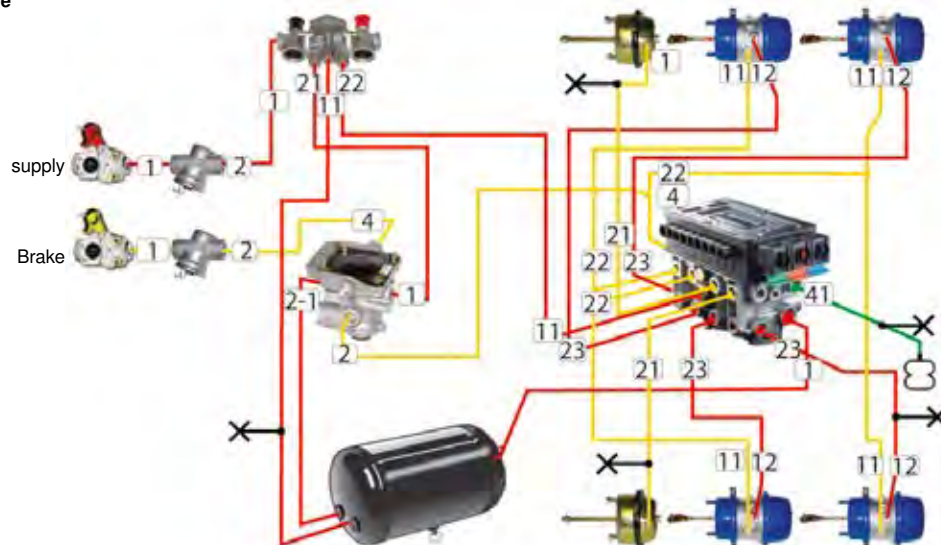


Haldex EB+^{GEN 2} 2M 5AUX Trailer EBS

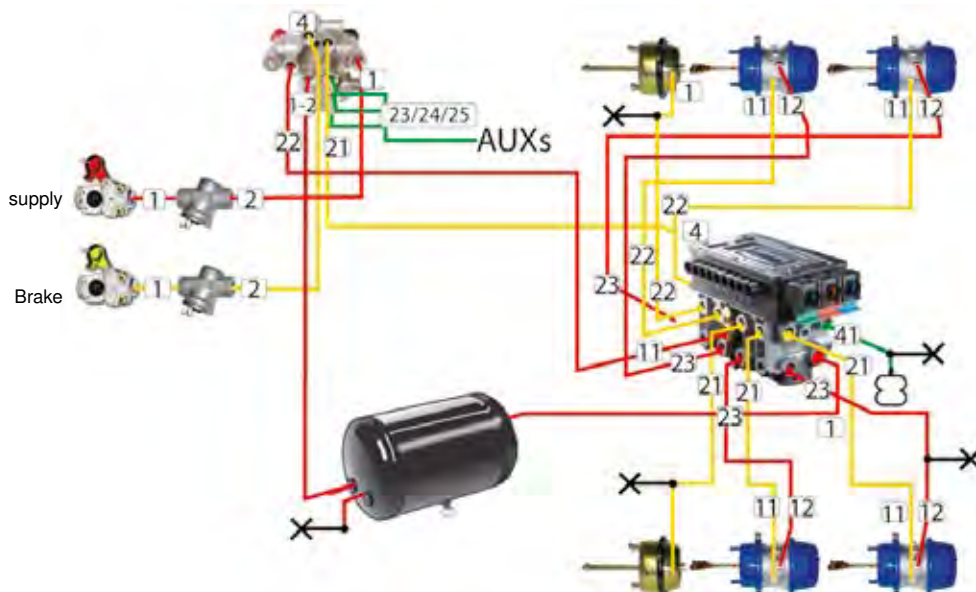


AUX 1	AUX 2	AUX 3	AUX 4	AUX 5
24 Volt switchable output	24 Volt switchable output, input	24 Volt switchable output, input	analogue input 5 Volt control voltage	analogue input 5 Volt control voltage
reset to driving height (COLAS)	reset to driving height (COLAS)	reset to driving height (COLAS)	brake pad wear indicator input	lateral acceleration sensor
retarder control	retarder control	retarder control	common input	common input
warning lamp on trailer	warning lamp on trailer	warning lamp on trailer	control pressure sensor	control pressure sensor
Lift axle control (ILAS-E front and rear)	Lift axle control (ILAS-E front/rear)	Lift axle control (ILAS-E front/rear)	Soft Docking	Soft Docking
24 Volt output	ILAS-E front/rear manual	ILAS-E front/rear manual	electronic height sensor	electronic height sensor
steering axle lock	24 Volt output	24 Volt output		
service lamp	steering axle lock	steering axle lock		
overload warning lamp	service lamp	service lamp		
stability warning lamp	overload warning lamp	overload warning lamp		
brake pad wear indicator warning lamp	stability warning lamp	stability warning lamp		
common output	brake pad wear warning lamp	brake pad wear warning lamp		
Info Point	common output	common output		
Info Point/COLAS	control signal from button for:	control signal from button for:		
speed signal	1) starting aid	1) starting aid		
	2) manual lift axle control (automatic lowering)	2) manual lift axle control (automatic lowering)		

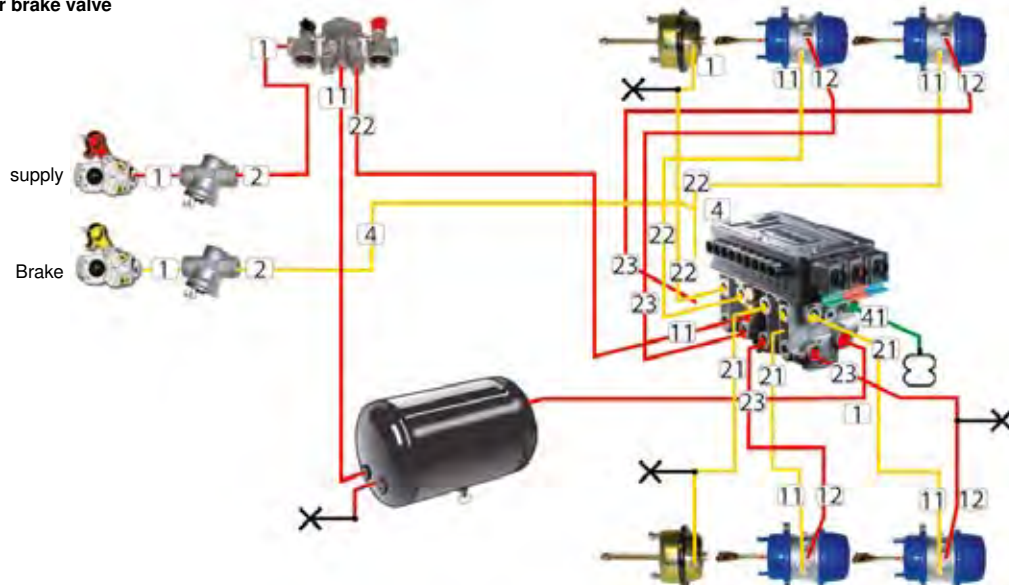
with trailer brake valve



with TrCM



without trailer brake valve





2M 5AUX Trailer EBS


main unit	Comparative no.
2M 5AUX integrated, overload protection	820 023 001
2M 5AUX integrated, overload protection, quick exhaust valve	820 019 001
2M 5AUX integrated, overload protection, stability	820 011 001
2M 5AUX integrated, stability, overload protection, quick exhaust valve	820 007 001
2M 5AUX integrated, stability, overload protection, quick exhaust valve	820 008 001
2M 5AUX main and auxiliary unit integrated, overload protection, stability, quick exhaust valve	820 028 001



ISO 7638	Comparative no.
9 m	814 003 132
12 m	814 003 102
16 m	814 003 112
9 m (drawbar trailer)	814 004 102
12 m (drawbar trailer)	814 004 112



ISO 1185 (24N)	Comparative no.
6 m	814 002 222
9 m	814 002 242
12 m	814 002 202



Sensor cable	Comparative no.
2 m	814 004 421
3 m	814 004 401
6 m	814 004 411
10 m	814 004 431



auxiliary cable AUX	Comparative no.
2 m	814 001 322
4 m	814 001 332
7 m	814 001 302



auxiliary cable (AUX) DIN 72858	Comparative no.
5 m	814 012 141
7 m	814 012 101



Chassis socket with cable	Comparative no.
2,5 m	814 010 111
6,5 m	814 010 101



Super AUX	Comparative no.
6 m	814 002 301
12 m	814 002 311



Diag +	Comparative no.
PC software kit with USB adapter	815 028 001
ECU connection to interface with 6,5 m cable	814 001 601
connection cable for chassis socket 6,5 m	814 011 001
ISO 7638 special test cable	815 018 001
USB interface	950 800 902



Fleet +	Comparative no.
Fleet + CD and specification kit	815 042 001
Fleet + kit with cable	815 019 001
Fleet + and DIAG + kit with cable	815 043 001



switch box	Comparative no.
for rear panel mounting, 7 m	815 031 001
for front panel mounting, 7 m	815 040 001



Info Centre	Comparative no.
0,5 m for chassis socket	815 010 011
6,5 m ADR	815 013 011
6,5 m	815 001 131



Info Point	Comparative no.
7 m	815 021 001
18 m	815 021 011



Labels	Comparative no.
Chassis plate A	028 5276 09
Instruction plate	028 5262 09
Data plate EBS	028 5301 09
EB+ stability plate, reflective	028 5330 09



Trailer Control Module	Comparative no.
with pressure relief valve, with instruction plate	352 067 001
with pressure relief valve, without instruction plate	352 067 001
without pressure relief valve, without connections 23, 24, 24, with instruction plate	352 067 021
without pressure relief valve, without connections 23, 24, 24, without instruction plate	352 067 031
with pressure relief valve, connection 25 sealed, with push-in, with instruction plate	352 067 041
with pressure relief valve, connection 25 sealed, with push-in, without instruction plate	352 067 051



control pressure sensor	Comparative no.
thread M16 x 1,5	815 022 001



double exhaust valve	Comparative no.
without check valve, trailer brake valve required	352 044 001
with check valve, trailer brake valve required	352 045 001
with check valve, with emergency brake valve	352 046 001



pressure switch	Comparative no.
pressure switch	041 502 309
pressure switch cable, 10 m	814 001 502
repair kit for pressure switch	950 800 903



brake pad wear indicator	Comparative no.
brake pad wear indicator	815 015 001
blind plug	027 5260 09
sensor extension cable, 5 m	814 007 111



ILAS-E	Comparative no.
without push-in	352 061 101
without push-in and DIN connector	352 061 111
with push-in	352 062 101
with push-in and DIN connector	352 062 011
6-pole connection with push-in and DIN connector	352 070 021
7-pole connection with push-in	352 070 002/011



2M 5AUX Trailer EBS



COLAS	Comparative no.
COLAS dual-circuit RtR	338 051 101
COLAS dual-circuit hold-to-run control function	338 052 101
COLAS dual-circuit Basis	338 053 101
COLAS single circuit RtR	338 057 101
COLAS + RtR (RoRo)	338 061 101



Soft Docking	Comparative no.
Kit, complete	815 024 001
optical add-on parts	815 026 001
acoustic add-on parts	815 025 001
Basis kit	815 027 001
adjustment key for sensor	042 708 309



Trailer brake valve	Comparative no.
with connection for control pressure sensor	351 033 001



Repair sets	Comparative no.
quick exhaust valve kit	950 800 307
two way valve kit	950 800 905



Electronic height sensor	Comparative no.
electronic height sensor	815 030 001
cable for electronic height sensor, 4 m	814 020 001



CAN repeater	Comparative no.
CAN repeater unit	815 020 001
CAN repeater dolly cable, 18 m	814 018 441
CAN repeater connection cable, 20 m	814 017 312

COMPLETE OVERVIEW



Trailer Application Guide: Transparent trailer technology

Whether vehicle construction, workshop repair or spare part distribution, the Trailer Application Guide provides unique electronic access to all Haldex systems for trailers.

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www.haldex.com/trailer-application-guide



Innovative Vehicle Solutions

Haldex EB+GEN3 Electronic brake system

cross-reference number



	2M	3M	DVC	QRV	STAB	S AUX	P AUX
823.008 xxx	✓		✓	✓	✓	✓	
823.034 xxx	✓	✓	✓	✓	✓	✓	✓
950 823 008	✓		✓	✓	✓	✓	
950 823 034	✓	✓	✓	✓	✓	✓	✓

EB+ Gen3 1M Slave	Comparative no.
Gen3 1M Slave	810 023 001

The EB+ Gen3 slave unit (ECU + valve) is supplied as a complete unit, it cannot/must not be separated.



EB+ Gen3 plate	Comparative no.
plate	028 5262 09



Sensor kit	Comparative no.
angled (including retaining clamp)	950 364 503
straight (including retaining clamp)	950 364 506



TrCM+	Comparative no.
with/without Safety Parking	352 067 xxx



EB+ Info Centre 2 (DIAGN)	Comparative no.
Haldex Info Centre 2	815 041 001
Haldex Info Centre 2 ADR	815 046 001



TEM	Comparative no.
with Safe Parking	352 075 xxx



COLAS (AUX 1, 2 and 3)	Comparative no.
raise/lower valve with Reset To Ride	338 061 xxx
raise/lower valve with Reset To Ride	338 062 xxx
raise/lower valve with Reset To Ride	338 071 xxx



Control line sensor (AUX 4 or 5)	Comparative no.
M16 x 1,5 thread for trailer brake valve	815 022 001



ILAS-E (AUX 1, 2 and 3)	Comparative no.
Lifting axle control valve	352 061 xxx
Lifting axle control valve	352 062 xxx
Lifting axle control valve	352 070 xxx



Service kits for modulator	Comparative no.
quick exhaust valve service kit	950 800 307
two way valve service kit	850 800 905

cross-reference number



Trailer brake valve with connection for control pressure sensor	Comparative no.
	351 033 xxx



Info Point (AUX 1)	Comparative no.
Info Point with cable, 7 m	815 021 001
Info Point with cable, 18 m	815 021 011



Soft Docking (AUX 4 or 5)	Comparative no.
complete system with acoustic and optical signalling	815 024 001
Kit without optical signalling	815 025 001
Kit without acoustic signalling	815 026 001
Basis kit	815 027 001
Lite-Kit	815 051 001
sensor setting tool	042 708 309



Brake pad wear indicator (AUX 4)	Comparative no.
AUX cable, standard, 2 m	815 015 001
blind plug (standard)	027 5260 09
sensor extension cable, 5 m	814 007 111



EB+ Gen3 Stability (AUX 5)	Comparative no.
Stability Sensor (extern)	815 012 011

cross-reference number



Electronic height sensor (AUX 4 and/or 5)	Comparative no.
electronic range sensor	815 030 001
range sensor cable (see AUX cable)	814 012 2xx
linkage (vertical)	612 025 001
linkage (horizontal)	003 575 709

TPMS



TPMS	Comparative no.
receiver control (RCU)	815 052 001
wheel sensor	042 727 209
cable and clamping unit	003 951 709
cable pliers	042 727 309
Information plate for wheel unit	006 700 021_M
TPMS trigger (hand unit)	815 053 001



DIAGN (4-pole) to FCI connector	Comparative no.
1,2 m, rear RCU not terminated	814 040 001
1,2 m, front RCU not terminated	814 040 101
1,2 m, front RCU terminated	814 040 201
6 m, front RCU terminated	814 040 211
10 m, front RCU terminated	814 040 221



Diagnostic software

DIAG+	Comparative no.
Diagnosis cable kit for EB+ Gen3	950 800 912
Contents of kit:	
ECU/PC interface cable, 6,5 m	814 036 001
EB+ ISO diagnosis cable kit	815 018 001
EB+ SOV/PC interface cable, 6,5 m	814 011 001
Transport packaging	042 623 719



EB+ interface	Comparative no.
EB+ interface kit	950 800 909
Contents of kit:	
USB-PC interface (DIAG+)	815 023 001
USB cable	042 707 309

Fleet+	Comparative no.
Fleet+ interface kit	950 800 910
Contents of kit:	
USB-PC interface (Fleet+)	815 023 011
USB cable	042 707 309

Diagnosis cable (DIAGN)



Info Centre 2 to diagnostic socket	Length
814 025 001	1 m



Diagnostic socket to ECU	Length
814 030 001	6,5 m
814 030 011	2,5 m
814 030 021	5 m
814 030 031	15 m



Vehicle to PC interface (dongle)	Length
814 011 001	6,5 m
814 011 011	15 m



DIAGN (4-pole) to DIN	Length
814 033 001	1 m
814 033 011	12 m



DIAGN (4-pole) to PC interface (dongle)	Length
814 036 001	6,5 m
814 036 011	15 m
814 036 021	20 m



DIAGN (4-pole) to DIAGN (4-pole)	Length
814 037 001	6,5 m
814 037 011	0,5 m
814 037 021	8 m
814 037 031	14 m



Y splitter (4 x 4 x 4 way)	Length
814 038 001	0,5 m

● 3M connecting cable



3M connecting cable	Length
814 041 001	12 m
814 041 011	2 m
814 041 021	5 m
814 041 031	14 m
814 041 041	10 m
814 041 051	8 m

Sensor cable (SENS)



Sensor cable	Length
814 004 401	3 m
814 004 411	6 m
814 004 421	2 m
814 004 431	10 m
814 004 441	14 m
814 004 451	8 m
814 004 461	12 m
814 004 471	4 m

● PWR-B cable



Super-AUX cable	Length
814 002 301	6 m
814 002 311	12 m
814 002 321	9 m
814 002 331	4 m
814 002 341	1 m

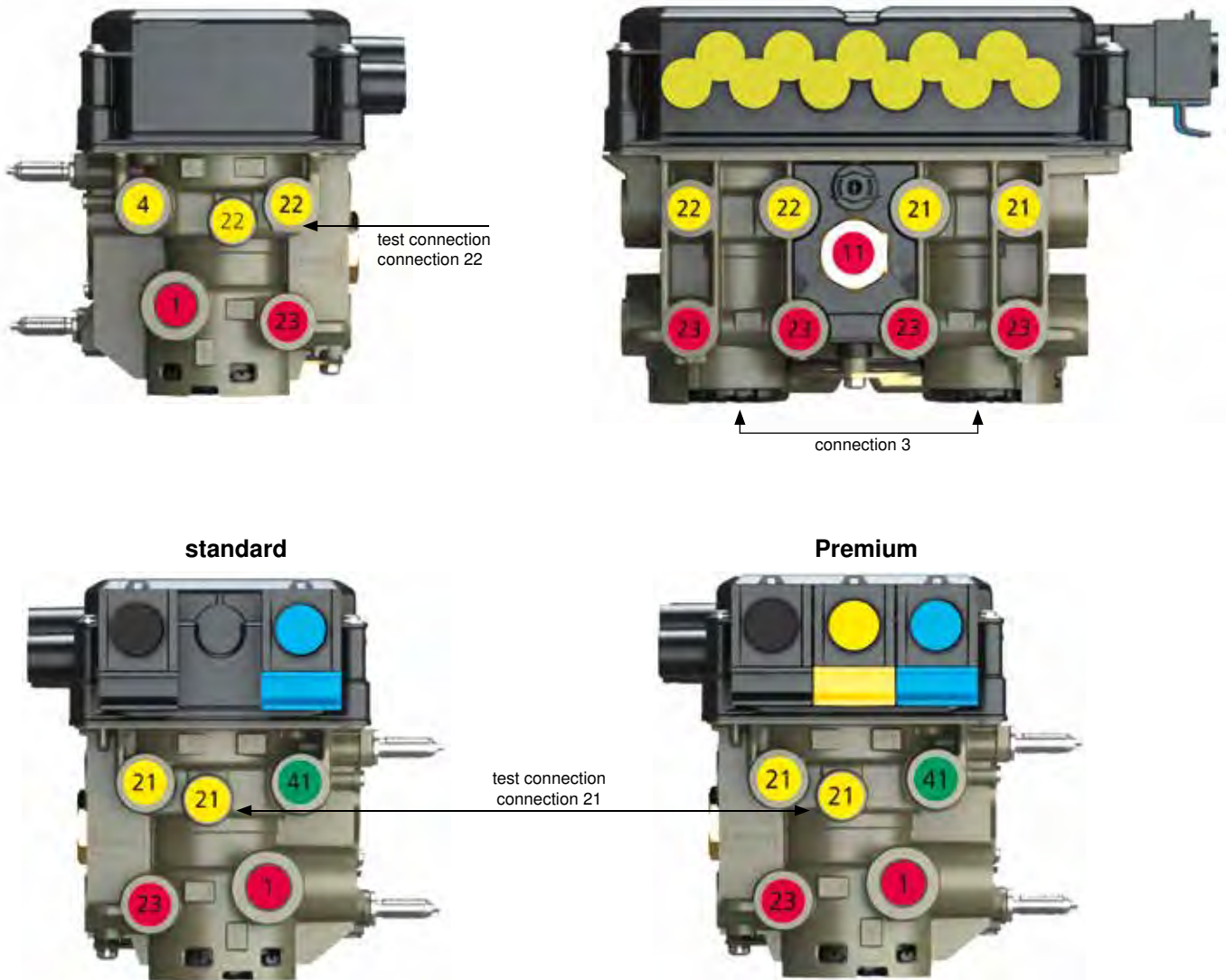


Voltage supply B to Super AUX according to ISO 15170	Length
814 004 301 (4-pole)	1 m
814 004 311 (4-pole)	6 m



Voltage supply B to Super AUX according to ISO 15170	L1	L2
814 029 001 (4-pole)	1 m	1 m
814 029 011 (4-pole)	6 m	5 m
814 029 021 (4-pole)	6 m	1 m

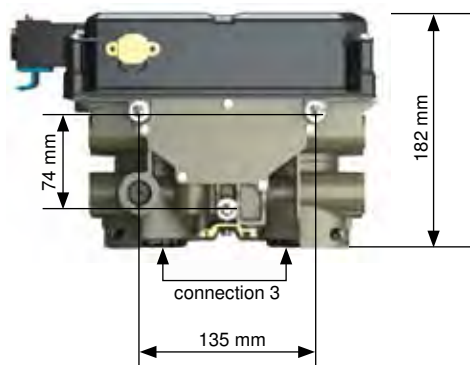
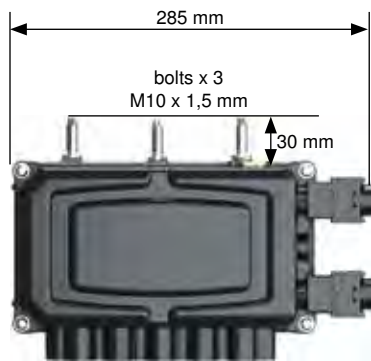
Haldex EB+GEN3 Electronic brake system



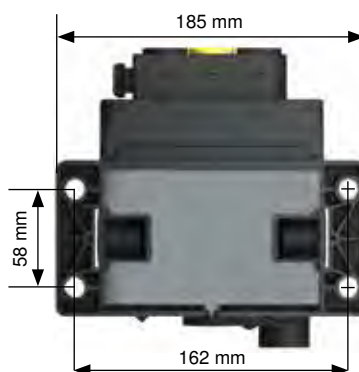
cross-reference numbers and connections/fittings

Comparative no.		connection 4 side/22				
		4	1	Test	22	23
standard	823 008 001	M16	M22	M12	M16	M16
standard	823 008 101	8 x 1	15 x 1,5	Connector	12 x 1,5	8 x 1
standard	823 008 111	8 x 1	15 x 1,5	8 x 1	12 x 1,5	Connector
standard	823 008 213	8 x 1	16 x 2	Connector	12 x 1,5	8 x 1
standard	823 008 291	8 x 1	15 x 1,5	Connector	12 x 1,5	8 x 1
Premium	823 034 001	M16	M22	M12	M16	M16
Premium	823 034 101	8 x 1	15 x 1,5	Connector	12 x 1,5	8 x 1
Premium	823 034 111	8 x 1	15 x 1,5	8 x 1	12 x 1,5	Connector
Premium	823 034 213	8 x 1	16 x 2	Connector	12 x 1,5	8 x 1
Premium	823 034 291	8 x 1	15 x 1,5	Connector	12 x 1,5	8 x 1
AM	950 823 008	M16	M22	M12	M16	M16
AM	950 823 034	M16	M22	M12	M16	M16

EB+ Gen3 installation

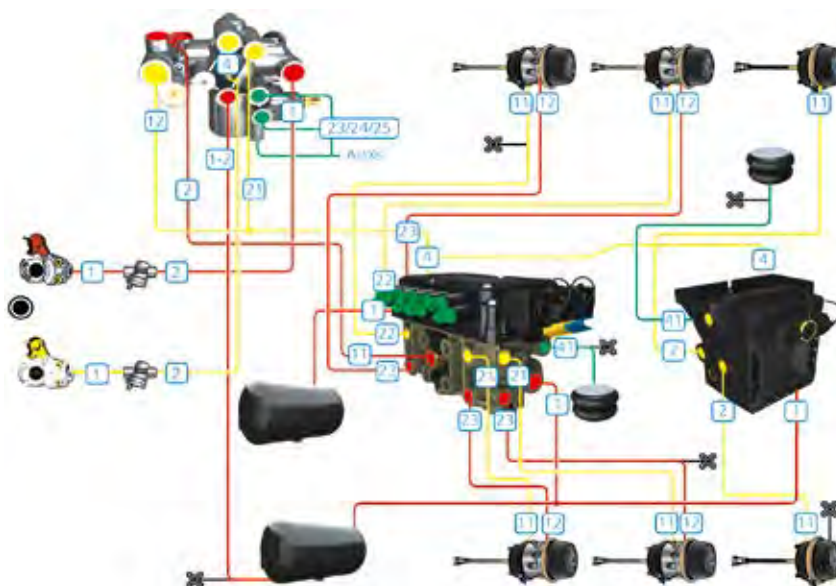


EB+ Gen3 slave installation

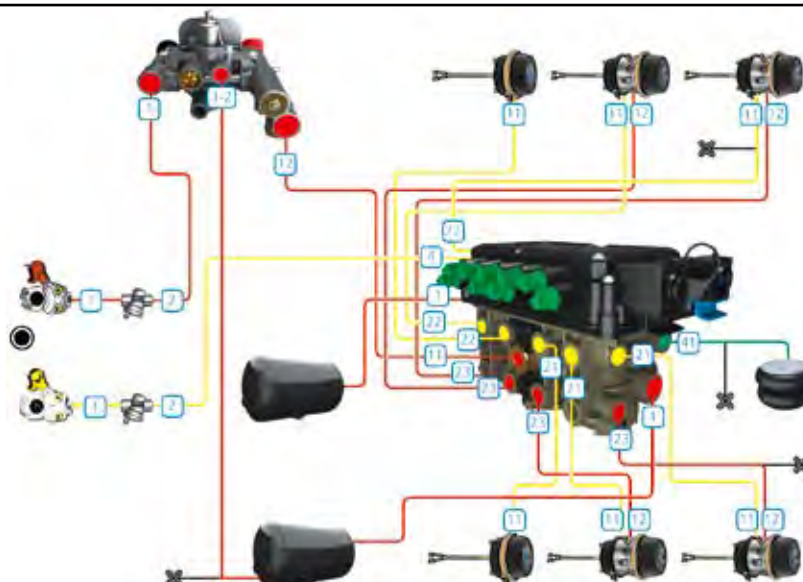


front									connection 41 side/21				
22	22	21	21	11	23	23	23	23	21	23	Test	41	1
M16	M16	M16	M16	M16	M16	M16	M16	M16	M16	M16	M12	M16	M22
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	8 x 1	Connector	Connector	8 x 1	12 x 1,5	8 x 1	8 x 1	8 x 1	15 x 1,5
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	10 x 1	8 x 1	8 x 1	8 x 1	8 x 1	12 x 1,5	Connector	Connector	8 x 1	15 x 1,5
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	Connector	8 x 1	8 x 1	Connector	12 x 1,5	8 x 1	Connector	8 x 1	16 x 2
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	8 x 1	8 x 1	8 x 1	8 x 1	12 x 1,5	8 x 1	Connector	8 x 1	15 x 1,5
M16	M16	M16	M16	M16	M16	M16	M16	M16	M16	M16	M12	M16	M22
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	8 x 1	Connector	Connector	8 x 1	12 x 1,5	8 x 1	8 x 1	8 x 1	15 x 1,5
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	10 x 1	8 x 1	8 x 1	8 x 1	8 x 1	12 x 1,5	Connector	Connector	8 x 1	15 x 1,5
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	Connector	12 x 1,5	8 x 1	Connector	12 x 1,5	8 x 1	Connector	8 x 1	16 x 2
12 x 1,5	12 x 1,5	12 x 1,5	12 x 1,5	8 x 1	8 x 1	8 x 1	8 x 1	8 x 1	12 x 1,5	8 x 1	Connector	8 x 1	15 x 1,5
M16	M16	M16	M16	M16	M16	M16	M16	M16	M16	M16	M12	M16	M22
M16	M16	M16	M16	M16	M16	M16	M16	M16	M16	M16	M12	M16	M22

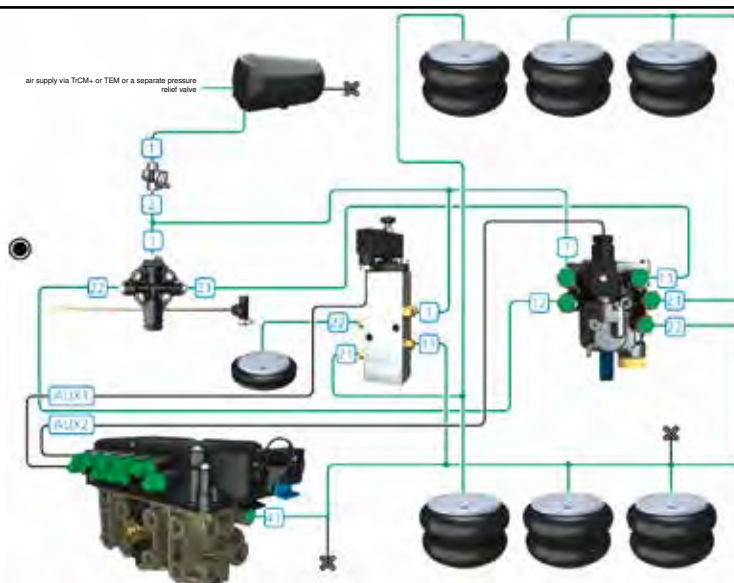
2M, parallel, with TEM



3M, with TrCM+



2M, COLAS+ and ILAS-E



ISO 7638 cable PWR-A



Socket to ISO 7638 (without fuse)	Length
814 003 102	12 m
814 003 112	16 m
814 003 122	18 m
814 003 132	9 m
814 003 142	14 m
814 003 152	6 m



Pin plug to ISO 7638 (without fuse)	Length
814 004 102	9 m
814 004 112	12 m
814 004 122	15 m
814 004 132	18 m



ISO 7638 to 7-pole DIN connector	Length
814 003 201	1 m
814 003 211	12 m



ISO 7638 diagnosis	Length
815 018 001	0,5 m



ISO voltage supply A to 7-pole connector	Length
814 026 001	1,5 m
814 026 011	4,5 m
814 026 021	12 m



ISO cable unit pin plug/socket	Length
814 002 001	30 m

AUX cable



AUX cable	Length
814 001 302	7 m
814 001 312	18 m
814 001 322	2 m
814 001 332	4 m
814 001 342	1 m
814 001 352	12 m
814 001 372	10 m



AUX cable to DIN connector	Length
814 012 201	7 m
814 012 211	18 m
814 012 221	1 m
814 012 231	2 m
814 012 241	5 m
814 012 251	3 m
814 012 261	4 m
814 012 271	10 m



Pin plug to socket to socket (2 x 2 x 2 way)	L1	L2
814 027 001	0,5 m	0,5 m



Pin plug to socket to socket (3 x 2 x 2 way)	L1	L2
814 028 011	4 m	2 m
814 028 001	0,5 m	0,5 m



AUX (3-pole) to AUX (3-pole)	Length
814 032 001	1 m
814 032 011	4 m
814 032 021	7 m
814 032 031	18 m

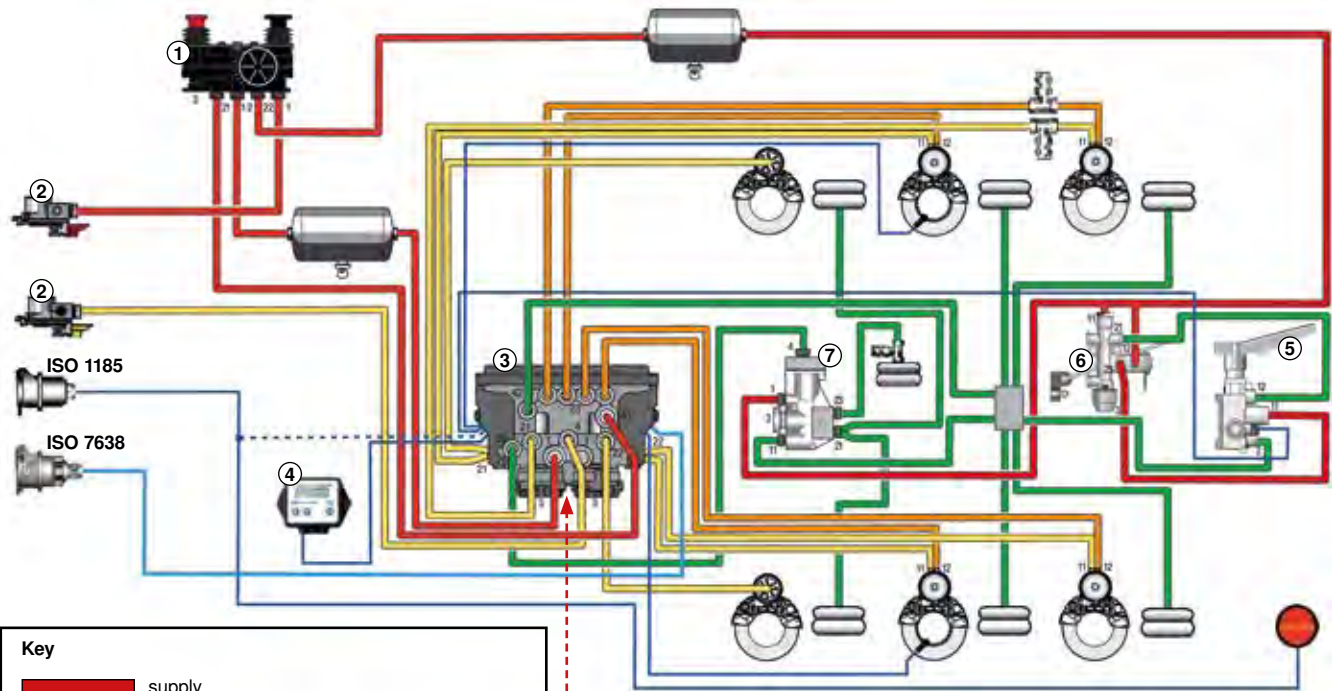


Y splitter (3 x 2 x 2 way)	Length
814 039 001	0,5 m



Y splitter (3 x 3 x 3 way)	Length
814 039 001	0,5 m

KNORR-BREMSE Trailer Electronic Braking System (TEBS G2.1) – Components Overview, Semi-Trailer, Centre Axle Trailer



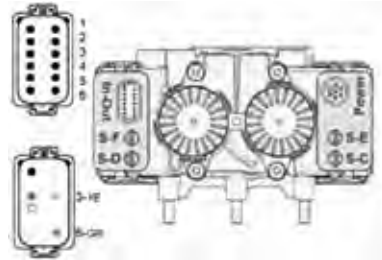
Key

- supply
- Service brake
- Parking brake
- Air spring
- CAN connection and ISO 7638 power supply
- ISO 1185 brake light supply
- electrical signal

View X

In-Out


- 1 AUXIO 1
- 2 AUXIO 2
- 3 AUXIO 3
- 4 Voltage supply sensor [SENS_SUP] (5 V or tri-state input)
- 5 Sensor input 1 [SENS_IN1] (analogue or tri-state)
- 6 Sensor ground or Magic Eye or C3
- 7 Voltage supply brake light (+)
- 8 Ground brake light (-)
- 9 TI CAN-L (J1939)
- 10 TI CAN h (J1939)
- 11 AuxRet 12 (return line for AUXIO 1 + 2)
- 12 AuxRet 3



Power

- 1 Voltage supply battery (+)
- 2 Voltage supply electronics (+)
- 3 Ground electronics (-)
- 4 Ground battery (-)
- 5 warning lamp
- 6 TT CAN-H (ISO 11992)
- 7 TT CAN-L (ISO 11992)

1 **Park/manoeuvre valve**




with integrated pressure relief valve
for semi-trailer, centre axle trailer

K025700N00-AE4370 Park/manoeuvre valve with integrated pressure relief valve, without plate

K056570N00 Adhesive plate with symbolic operating instructions

Data and information plate




II39797F Silver foil for TBS-ALB data (printout from ECUtalk®) – Fig. 1

II39796F ISO 7638 warning plate – Fig. 2

II40392F EBS with RSP sticker – Fig. 3

2 **Coupling head with integrated filter**



K000952-KU1400 supply (red)

K000954-KU1410 brake (yellow)


K000956-KU1412 brake (yellow), with test connection

ISO 7638 coiled cable, 7-pole




K004098N00-EK3150 ISO 7638 connecting cable, tractor unit – trailer, with anti-kink protection

ISO 1185 – PIN illustration




1 – white	ground
2 – black	tail light, left
3 – yellow	indicator, left
4 – red	brake light
5 – green	indicator, right
6 – brown	tail light, right
7 – blue	rear fog light

ISO 7638 – PIN illustration



1 – red	valve (24 V)
2 – black	control unit (24 V)
3 – yellow	control unit (ground)
4 – brown	valve (ground)
5 – white	warning lamp
6 – white/green	CAN-Hi
7 – white/brown	CAN-Lo

3 **TEBS G2.1 brake module**



Note:
The module must be programmed after it has been installed. Commissioning must be completed with a successful 'EOL' (End of Line) test!


P28

K01931.¹-ES2060 TEBS G2.1 module, 2S-6S/3M, connection P28 freely programmable

K01935.¹-ES2060 TEBS G2.1 module, 2S/2M, P28 test connection

K000847K50 Replacement silencer

4 **Trailer Information Module (TIM G2)**




K009166¹ Trailer Information Module (TIM G2)

K022272N00 (4 m) modular In-Out cable to

K022279N00 (6 m) connection to TIM G2


KNORR-BREMSE Trailer Electronic Braking System (TEBS G2.1) – Components Overview, Semi-Trailer, Centre Axle Trailer

Load sensor mechanical suspension




K026919B90	external load sensor for mechanical suspension, complete with linkage
II19422-ZB3131	level sensor linkage, single
K001406	axle side linkage, single

Trailer Roadtrain Module (TRM)




K036198 ¹ -EZ2085	amplifier and/or splitter of CAN signal, for use in extra-long trains/trailers
K027817N00	Sealing cap to close off unused bayonet connections
K015173	external pressure sensor (if additionally required or the TEBS internal sensor needs replacing)

TEBS-PC diagnosis




II39808F-EZ1034	24-V-CAN adapter cable – Fig. 1
II39809F-EZ1031	Universal Diagnosis Interface (UDIF), incl. cable Z005474 – Fig. 2
II39812F-EZ1032	connecting cable (UDIF-CAN) – Fig. 3
Z007887	USB adapter cable (UDIF-PC)

5 Raise/lower valve




K022847N00-SV3801	raise/lower valve with "Speed Pulse" function (Reset To Ride)
II36226004	plastic lever with screw
Z006844	sticker
K022901K50	replacement solenoid

6 Air suspension valve



II19425-SV1395	air suspension valve – Fig. 1
II36088-SV1460	air suspension valve with plastic housing – Fig. 2
II36114-SV1465	air suspension valve with height limit and neutral point adjustment – Fig. 3
II36115-SV1466	air suspension valve with height limit – Fig. 3
K001406	lower linkage

7 Lift axle valve



K035570N00-AE1141	5/2-way lift axle valve, electrically actuated, 24 V, (replaces K008546) – Fig. 1
K015384N00-AE1141	5/2-way lift axle valve, electrically actuated, 24 V – Fig. 2
K017224N00-AE1141	5/2-way lift axle valve, pneumatically actuated, 24 V – Fig. 3
II36167008	replacement solenoid only for K008547
K020018K50	replacement solenoid for K035570N00 and K015384N00

¹ The cross-reference number of the module contains two suffixes. The first suffix "V##" indicates the software level of the module, e.g. V01, V02 etc. The second suffix "N##" is the packing definition of the different market requirements, e.g. N00, N50.
 Example: K021940V00N00 – has software level 00 and is packed singly, without accessories.

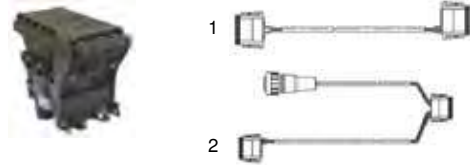
Rotational speed sensor and extension cable



Sensors

0486000126100	radial (90°), length 0,4 m
0486000134000 ²	radial (90°), length 0,4 m
0486000136000 ²	radial (90°), length 1 m
0486001033100	Axial, length 1 m
	² complete, with push-in sleeve and grease extension cable EK3130
II367563000	length 3 m
II367564000	length 4 m
II367566000	length 6 m
II3675610000	length 10 m

Trailer Electro-Pneumatic Module (TEPM-P)



K027900¹ -ES2071 TEPM-P, Trailer Electro-Pneumatic Module Premium (with additional inputs/outputs) for trailers with 4S/3M systems, e.g. self-steering axles

cable

K058249N00 supply cable TEPM-P to TEBS G2/G2.1 (7 m) – Fig. 1
 K058256N00 supply cable TEPM-P to TEBS G2/G2.1 with additional individual connection – Fig. 2

Trailer Electro-Pneumatic Module (TEPM-S)

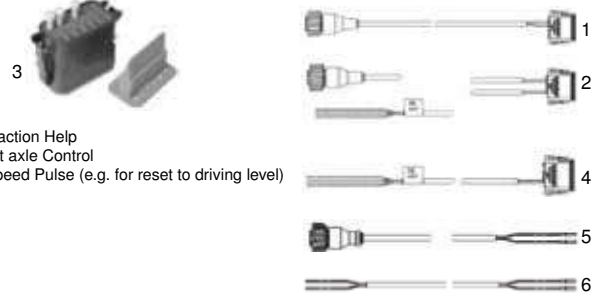


K021940¹ -ES2070 TEPM-S, Trailer Electro-Pneumatic Module Standard (without additional inputs/outputs) for trailers with 4S/3M systems, e.g. self-steering axles

cable

K0583... supply cable TEPM-S to TEBS G2/G2.1 – Fig. 1
 K027811N00 speed sensor cable TEPM-S (2 m) – Fig. 2
 K044708N00 connection cable TEPM-S to external pressure sensor (3 m) – Fig. 3

In-Out connector and cable (example)



TH = Traction Help
 LC = Lift axle Control
 SP = Speed Pulse (e.g. for reset to driving level)

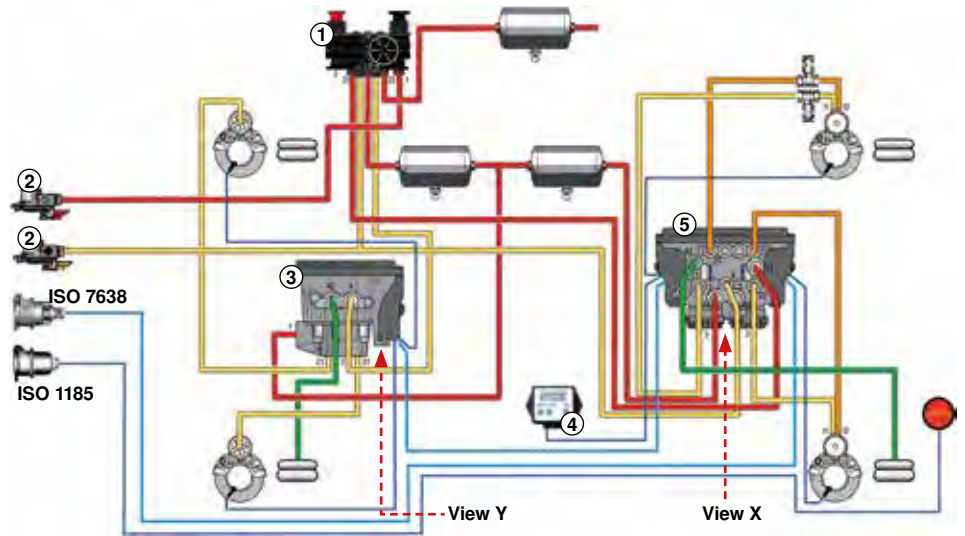
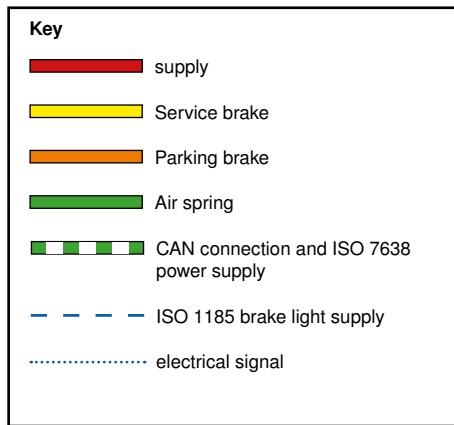
K021335N00 In-Out cable for SP to AUX 1 – Fig. 6
 K021336N00 In-Out cable for SP/LAC to AUX 1, stop light supply/TH to open ends – Fig. 5
 K021345N00 In-Out cable stop light supply/TH to open ends – Fig. 4
 K002281N00 connection cable (7 m) open ends various possible connections – Fig. 2
 K002275N00 AUX connection cable, 2-pole (6,5 m), e.g. LAC, SP – Fig. 1
 K002287N00 12-pin German connector, complete, with sealing plugs – Fig. 3

7-Pin ISO 7638 power supply cable



K008430N00	ISO 7638 socket + 10 m cable (semi-trailer) – Fig. 1
K008431N00	ISO 7638 socket + 13 m cable (semi-trailer) – Fig. 1
K008432N00	ISO 7638 connector (90° connection) + 16 m cable (semi-trailer) – Fig. 2
K010710N00	ISO 7638 connector + 10 m cable (centre axle trailer) – Fig. 3
K010711N00	ISO 7638 connector + 13 m cable (centre axle trailer) – Fig. 3
K002290	ISO 7638 pin socket, 7-pole, with pins – Fig. 4

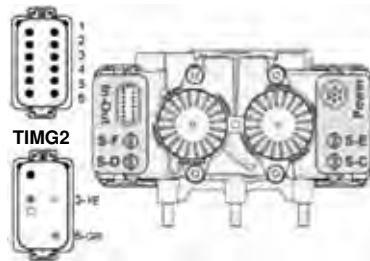
KNORR-BREMSE Trailer Electronic Braking System (TEBS G2.1) – component overview, drawbar trailer with TEPM-S/P (4S/3M system)



View X

In-Out

- 1 AUXIO 1
- 2 AUXIO 2
- 3 AUXIO 3
- 4 Voltage supply sensor [SENS_SUP] (5 V or tri-state input)
- 5 Sensor input 1 [SENS_IN1] (analogue or tri-state)
- 6 Sensor ground or Magic Eye or C3
- 7 Voltage supply brake light (+)
- 8 Ground brake light (-)
- 9 TI CAN-L (J1939)
- 10 TI CAN h (J1939)
- 11 AuxRet 12 (return line for AUXIO 1 + 2)
- 12 AuxRet 3

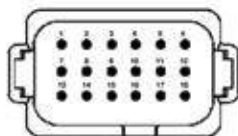


Power

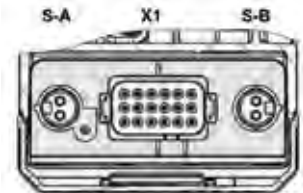
- 1 Voltage supply battery (+)
- 2 Voltage supply electronics (+)
- 3 Ground electronics (-)
- 4 Ground battery (-)
- 5 warning lamp
- 6 TT CAN-H (ISO 11992)
- 7 TT CAN-L (ISO 11992)

X1

- | | |
|---------------------|---------------------|
| 1 5 V TI CAN Low | 10 ground sensor 1 |
| 2 Not assigned | 11 voltage sensor 2 |
| 3 Not assigned | 12 Not assigned |
| 4 voltage sensor 1 | 13 Not assigned |
| 5 Not assigned | 14 AUXIO 1 |
| 6 voltage (12/24 V) | 15 ground AuxIO2 |
| 7 5 V TI CAN High | 16 ground sensor 2 |
| 8 AUXIO 2 | 17 Input sensor 2 |
| 9 Input sensor 1 | 18 ground |



View Y



ISO 7638 – PIN illustration



1 – red	valve (24 V)
2 – black	control unit (24 V)
3 – yellow	control unit (ground)
4 – brown	valve (ground)
5 – white	warning lamp
6 – white/green	CAN-Hi
7 – white/brown	CAN-Lo

ISO 1185 – PIN illustration



1 – white	ground
2 – black	tail light, left
3 – yellow	indicator, left
4 – red	brake light
5 – green	indicator, right
6 – brown	tail light, right
7 – blue	rear fog light

1 Park/manoeuvre valve



	with integrated pressure relief valve for drawbar trailers
K025699N00-AE4371	Park/manoeuvre valve with integrated pressure relief valve, with front axle valve (FAV), without plate
K056570N00	Adhesive plate with symbolic operating instructions

Data and information plate



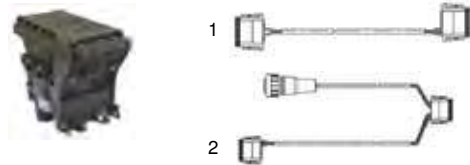
II39797F	Silver foil for TBS-ALB data (printout from ECUTalk®) – Fig. 1
II39796F	ISO 7638 warning plate – Fig. 2
II40392F	EBS with RSP sticker – Fig. 3

2 Coupling head with integrated filter



K000952-KU1400	supply (red)
K000954-KU1410	brake (yellow)
K000956-KU1412	brake (yellow), with test connection

3 Trailer Electro-Pneumatic Module (TEPM-P)



K027900 ¹ -ES2071	TEPM-P, Trailer Electro-Pneumatic Module Premium (with additional inputs/outputs) for trailers with 4S/3M systems, e.g. self-steering axles
------------------------------	---

cable	
K058249N00	supply cable TEPM-P to TEBS G2/G2.1 (7 m) – Fig. 1
K058256N00	supply cable TEPM-P to TEBS G2/G2.1 with additional individual connection – Fig. 2

Trailer Electro-Pneumatic Module (TEPM-S)



K021940 ¹ -ES2070	TEPM-S, Trailer Electro-Pneumatic Module Standard (without additional inputs/outputs) for trailers with 4S/3M systems, e.g. self-steering axles
cable	
K0583...	supply cable TEPM-S to TEBS G2/G2.1 – Fig. 1
K027811N00	speed sensor cable TEPM-S (2 m) – Fig. 2
K044708N00	connection cable TEPM-S to external pressure sensor (3 m) – Fig. 3

KNORR-BREMSE Trailer Electronic Braking System (TEBS G2.1) – component overview, drawbar trailer with TEPM-S/P (4S/3M system)

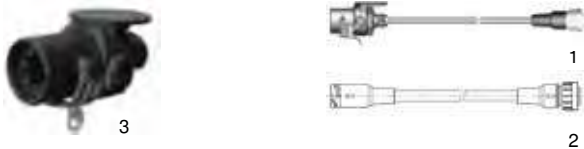
In-Out connector and cable (example)



TH = Traction Help
 LC = Lift axle Control
 SP = Speed Pulse (e.g. for reset to driving level)

K021335N00	In-Out cable for SP to AUX 1 – Fig. 6
K021336N00	In-Out cable for SP/LAC to AUX 1, stop light supply/TH to open ends – Fig. 5
K021345N00	In-Out cable stop light supply/TH to open ends – Fig. 4
K002280N00	connection cable (7 m) open ends various possible connections – Fig. 2
K002275N00	AUX connection cable, 2-pole (6,5 m), e.g. LAC, SP – Fig. 1
K002287N00	12-pin German connector, complete, with sealing plugs – Fig. 3

7-Pin ISO 7638 power supply cable



K010710N00	ISO 7638 socket + 10 m cable (drawbar trailer) – Fig. 1
K010711N00	ISO 7638 socket + 13 m cable (drawbar trailer) – Fig. 1
K021138N00	extension cable, 4 m – Fig. 2
K028001N00	extension cable, 10 m – Fig. 2
K002291	ISO 7638 pin plug, 7-pole, with pins – Fig. 3

Trailer Information Module (TIM G2)



K009166 ¹	Trailer Information Module (TIM G2)
K022272N00 (4 m)	modular In-Out cable to
K022279N00 (6 m)	connection to TIM G2

Load sensor mechanical suspension



K026919B90	external load sensor for mechanical suspension, complete with linkage
II19422-ZB3131	level sensor linkage, single
K001406	axle side linkage, single

Trailer Roadtrain Module (TRM)



K036198 ¹ -EZ2085	amplifier and/or splitter of CAN signal, for use in extra-long trains/trailers
K027817N00	Sealing cap to close off unused bayonet connections
K015173	external pressure sensor (if additionally required or the TEBS internal sensor needs replacing)

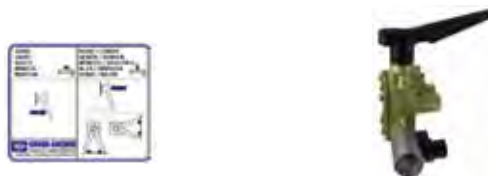
¹ The cross-reference number of the module contains two suffixes. The first suffix "V##" indicates the software level of the module, e.g. V01, V02 etc. The second suffix "N##" is the packing definition of the different market requirements, e.g. N00, N50.
 Example: K021940V00N00 – has software level 00 and is packed singly, without accessories.

TEBS-PC diagnosis



II39808F-EZ1034	24-V-CAN adapter cable – Fig. 1
II39809F-EZ1031	Universal Diagnosis Interface (UDIF), incl. cable Z005474 – Fig. 2
II39812F-EZ1032	connecting cable (UDIF-CAN) – Fig. 3
Z007887	USB adapter cable (UDIF-PC)

Raise/lower valve



K022847N00-SV3801	raise/lower valve with "Speed Pulse" function (Reset To Ride)
II36226004	plastic lever with screw
Z006844	sticker
K022901K50	replacement solenoid

Air suspension valve



II19425-SV1395	air suspension valve – Fig. 1
II36088-SV1460	air suspension valve with plastic housing – Fig. 2
II36114-SV1465	air suspension valve with height limit and neutral point adjustment – Fig. 3
II36115-SV1466	air suspension valve with height limit – Fig. 3
K001406	lower linkage

Lift axle valve



K035570N00-AE1141	5/2-way lift axle valve, electrically actuated, 24 V, (replaces K008546) – Fig. 1
K015384N00-AE1141	5/2-way lift axle valve, electrically actuated, 24 V – Fig. 2
K017224N00-AE1141	5/2-way lift axle valve, pneumatically actuated, 24 V – Fig. 3
II36167008	replacement solenoid only for K008547
K020018K50	replacement solenoid for K035570N00 and K015384N00

Rotational speed sensor and extension cable



Sensors	
0486000126100	radial (90°), length 0,4 m
0486000134000 ²	radial (90°), length 0,4 m
0486000136000 ²	radial (90°), length 1 m
0486001033100	Axial, length 1 m
² complete, with push-in sleeve and grease	
extension cable EK3130	
II367563000	length 3 m
II367564000	length 4 m
II367566000	length 6 m
II3675610000	length 10 m

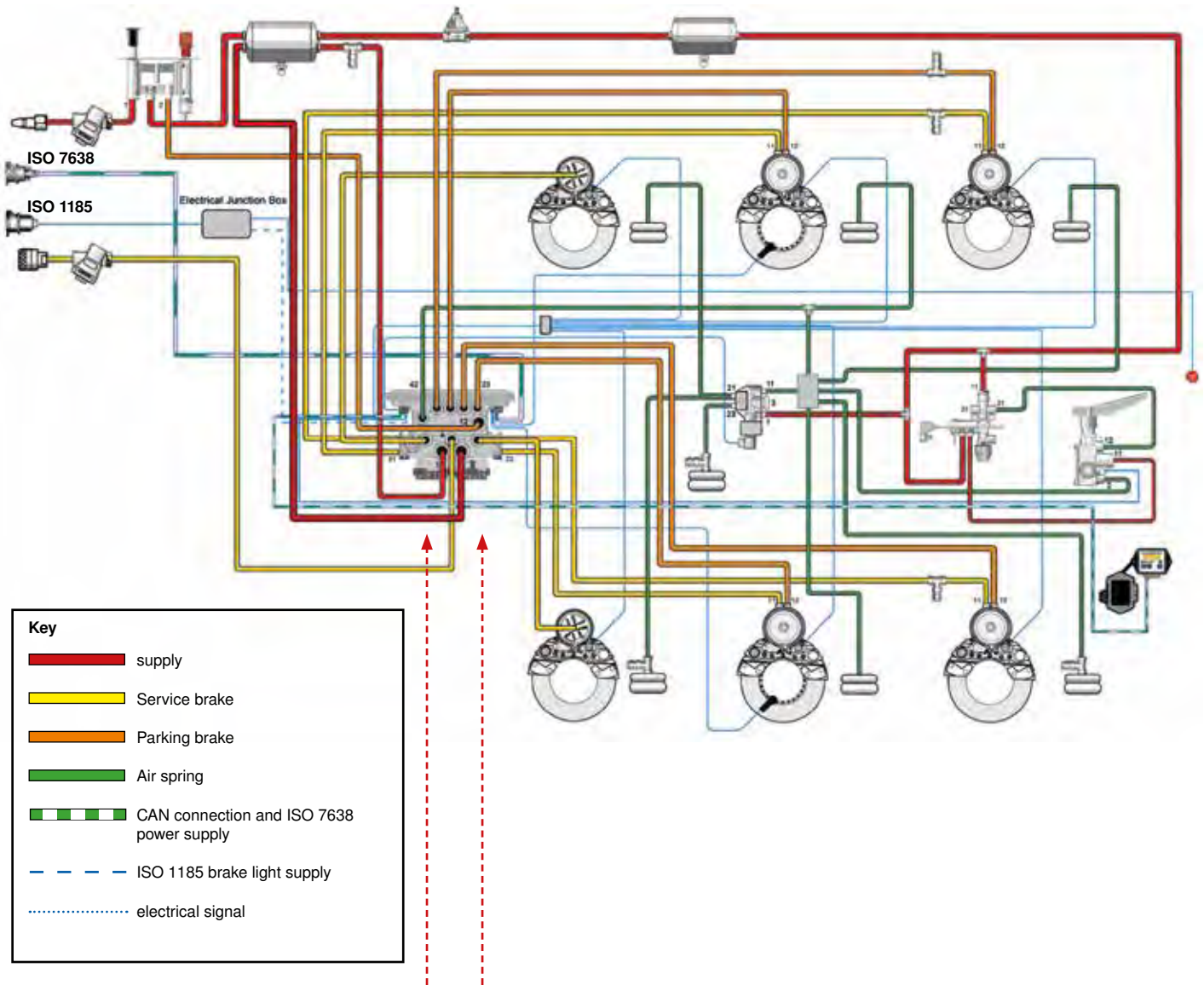
5 TEBS G2.1 brake module

Note:
The module must be programmed after it has been installed. Commissioning must be completed with a successful 'EOL' (End of Line) test!



K01931.1-ES2060	TEBS G2.1 module, 2S-6S/3M, connection P28 freely programmable
K000847K50	Replacement silencer

KNORR-BREMSE Trailer Electronic Braking System (TEBS G2) – spare parts



Key

- █ supply
- █ Service brake
- █ Parking brake
- █ Air spring
- █ CAN connection and ISO 7638 power supply
- █ ISO 1185 brake light supply
- █ electrical signal

View X

<p>In-Out</p> <ul style="list-style-type: none"> 1 AUX 1 2 AUX 2 3 AUX 3 4 Input 1 [SENS_SUP]¹ 5 Input 2 [SENS_IN1]¹ 6 Input [GND] 7 brake light (24 V) – BK 8 brake light (24 V) – YE 9 5V-CAN-L 10 5V-CAN-H 11 AUX 1 + 2 [GND] 12 AUX 3 [GND] 		<p>Power</p> <ul style="list-style-type: none"> 1 Modulators (24 V) 2 ECU (12 V) 3 ECU [GND] 4 Modulators [GND] 5 warning lamp 6 Data line CAN-H (ISO 11992) 7 Data line CAN-L (ISO 11992)
--	--	--

ISO 1185 – PIN illustration



1 – white	ground
2 – black	tail light, left
3 – yellow	indicator, left
4 – red	brake light
5 – green	indicator, right
6 – brown	tail light, right
7 – blue	rear fog light

ISO 7638 – PIN illustration



1 – red	valve (24 V)
2 – black	control unit (24 V)
3 – yellow	control unit (ground)
4 – brown	valve (ground)
5 – white	warning lamp
6 – white/green	CAN-Hi
7 – white/brown	CAN-Lo

trailer control valve



For use when standard park/manoeuvre valves are used instead of park/manoeuvre valves with emergency brake function.

AS3050A trailer control valve (no adjustable advance)

ISO 7638 coiled cable, 7-pole



KB7638 ISO 7638 connecting cable, tractor unit – trailer, with anti-kink protection

Park/manoeuvre valve with emergency brake function



K015849N00 park/manoeuvre valve with emergency brake function (without plate) – Fig. 1

K015380N00 park/manoeuvre valve with emergency brake function, with integrated pressure relief valve (without plate) – Fig. 2

K020123N00 park/manoeuvre valve with emergency brake function, with integrated pressure relief valve and PTC quick connections (without plate) - Fig. 2

Z006845 operating plate

pressure relief valve



K000630-DR4256 pressure relief valve with limited return flow

Load sensor mechanical suspension



I99660-LA2103 in-line filter

Load sensor mechanical suspension



K026919B90 load sensor for mechanical suspension

Trailer Information Module (TIM G2)



Note ! The TIM G2 unit cannot be used as a portable diagnostic unit.



K009166N00 Trailer Information Module (TIM G2)

K024374B90-KB925G2 retrofit kit (contains TIM G2 and X2 connecting cable)

K010713N00 X2 diagnosis/TIM G2 connecting cable

KNORR-BREMSE Trailer Electronic Braking System (TEBS G2) – spare parts

PC diagnosis kit



- KB915 ECUtalk® software with PC to trailer cables
- Z007887 USB adapter cable, PC to serial interface

Raise/lower valve



- K0022847N00- SV3801 raise/lower valve with RTR (Reset to Ride Function)
- Z006844 sticker
- II36226004 handle repair kit

Air suspension valve



- II19425-SV1395 air suspension valve – Fig. 1
- II36114-SV1465 air suspension valve with height limit and neutral point adjustment – Fig. 2
- II36115-SV1466 air suspension valve with height limit – Fig. 2
- SEB00256 connection

Lift axle valve



- K035570 5/2-way lift axle valve, electrically actuated (replaces K008546) – Fig. 1
- K015384N00 5/2-way lift axle valve, electrically actuated – Fig. 2
- K017224N00 5/2-way lift axle valve, pneumatically actuated – Fig. 3
- II36167008 replacement solenoid, only for K008546

sensor extension cable



- II367563000-EK3130 extension cable, 3 m
- II367564000-EK3130 extension cable, 4 m
- II367566000-EK3130 extension cable, 6 m
- II3675610000-EK3130 extension cable, 10 m

Data and information plate



- II39797F silver foil for TBS-ALB data (printout from ECUtalk®) – Fig. 1
- KBP2146/2 ISO 7638 warning plate – Fig. 2
- KBP2153/2 ISO 7638 tailboard information sticker – Fig. 3
- KBP2172/1 EBS with RSP sticker – Fig. 4

Pressure modulator (only 4S/3M)

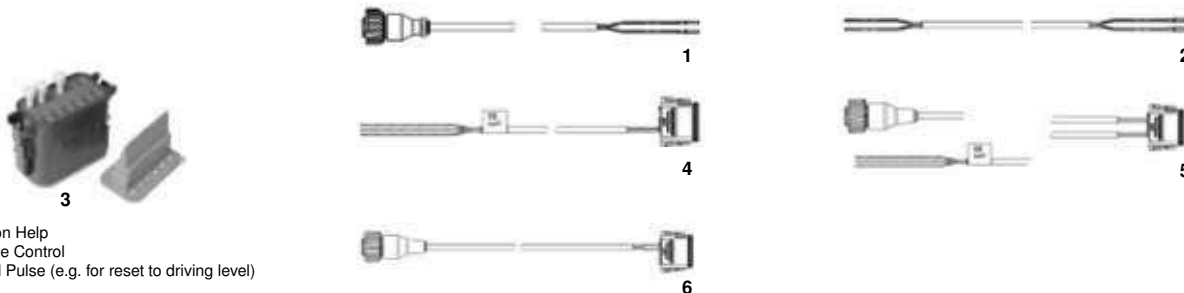
On request. Please contact us. We're happy to help.

Speed sensor



- 0486000134000 number of teeth 100 (90°), with grease and clamping bush

X2 connection cable



TH = Traction Help
 LC = Lift axle Control
 SP = Speed Pulse (e.g. for reset to driving level)

K021335N00	In-Out cable for SP to AUX 1 – Fig. 6
K021336N00	In-Out cable for SP/LAC to AUX 1, stop light supply/TH to open ends – Fig. 5
K021345N00	In-Out cable stop light supply/TH to open ends – Fig. 4
K002280N00	connection cable (7 m), open ends various possible connections – Fig. 2
K002281N00	connection cable (15 m), open ends various possible connections – Fig. 2
K002275N00	AUX connection cable, 2-pole (6,5 m), e.g. LAC, SP – Fig. 1
K002276N00	AUX connection cable, 2-pole (10 m), e.g. LAC, SP – Fig. 1
K002287N00	12-pin German connector, complete, with sealing plugs – Fig. 3



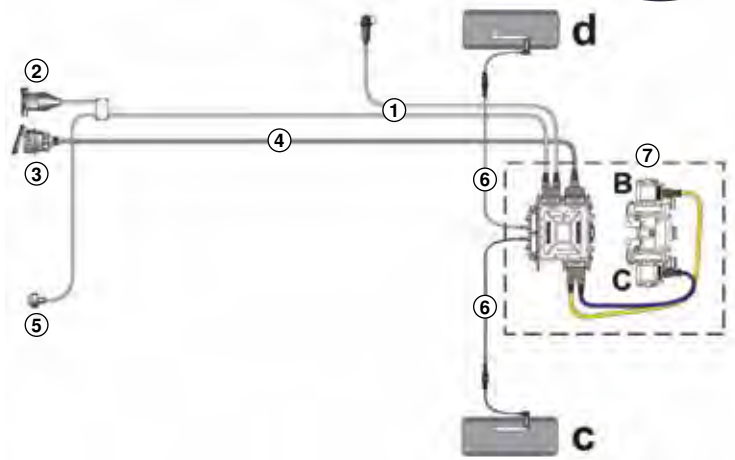
WABCO VCS trailer ABS



System and components

2S/2M system semi-trailer (basic version)

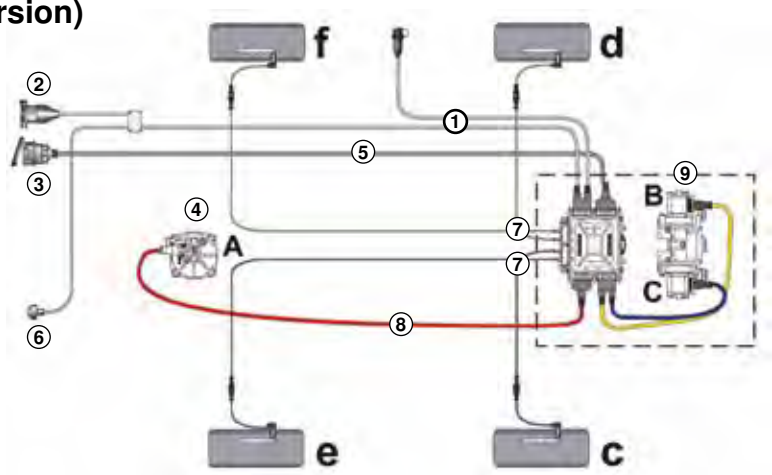
- ① Diagnosis and 24N supply cable (optional only with mixed supply)
- ② ISO 1185 (24N)
- ③ ISO 7638
- ④ ISO supply
- ⑤ External warning lamp
- ⑥ Sensor extension cable
- ⑦ VCS unit



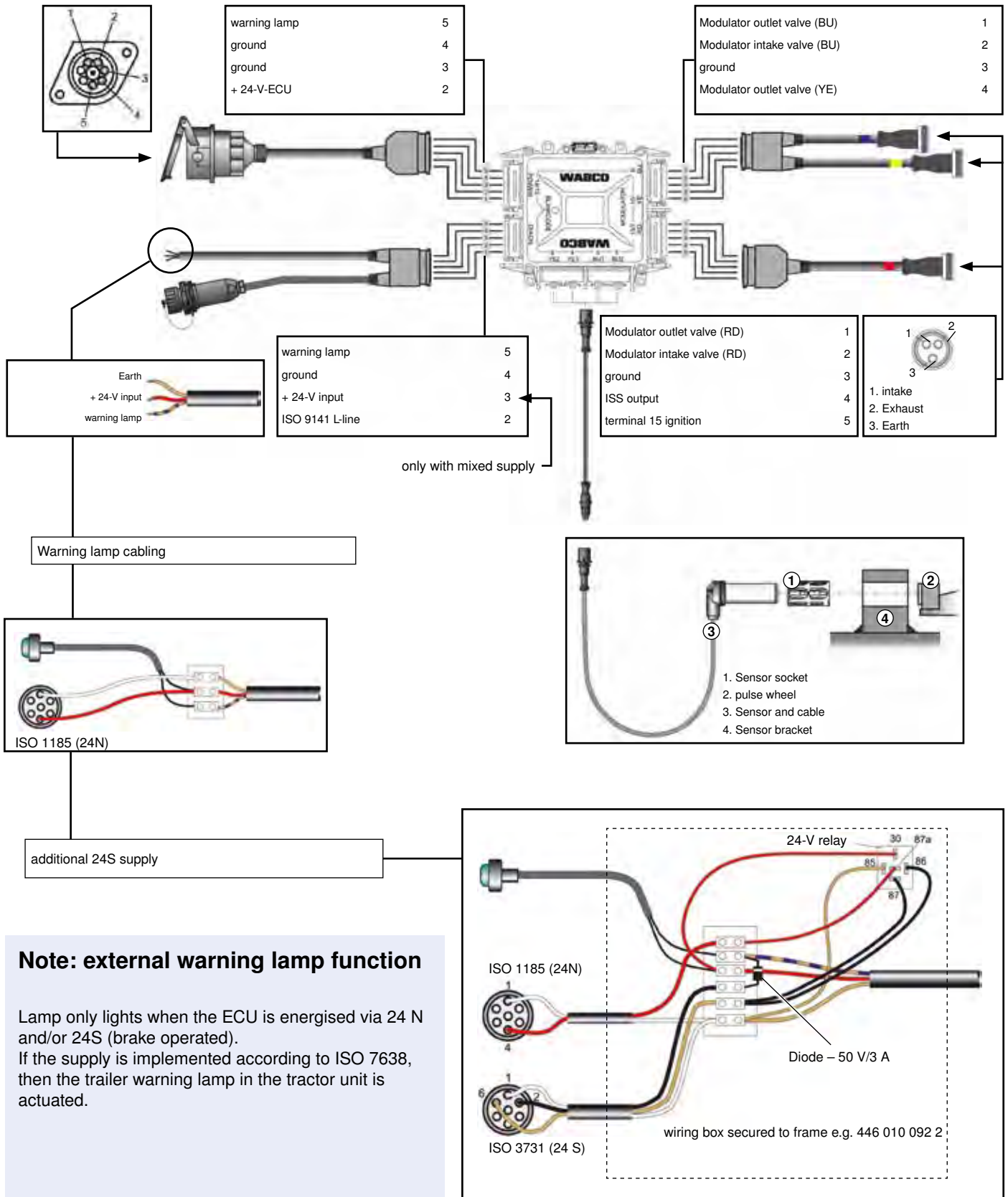
		needed for ...			
ISO supply cable (SA)		▲	▲	VCS unit	
ISO supply cable (2-part, SA)		▲			
ISO supply cable (DA)		▼	▲		4S/3M – with screwed-on 3rd ABS relay valve
Diagnosis and 24N supply cable optional only with mixed supply		◆			
Solenoid cable		◆	◆		4S/3M – with separate 3rd ABS relay valve (not contained in scope of delivery)
Sensor extension cable		◆			
Diagnosis cable with ISO supply		◆			

4S/3M system – drawbar trailer (basic version)

- ① Diagnosis and 24N supply cable (optional only with mixed supply)
- ② ISO 1185 (24N)
- ③ ISO 7638
- ④ ABS relay valve
- ⑤ ISO supply
- ⑥ External warning lamp
- ⑦ Sensor extension cable
- ⑧ Solenoid cable
- ⑨ VCS unit



Wiring diagram



WABCO VCS trailer ABS



Diagnosis

Note:

For diagnosis with mixed supply (ISO 7638/24N), supply must take place via 24N (operate brake)

1. Flashing code – integrated LED

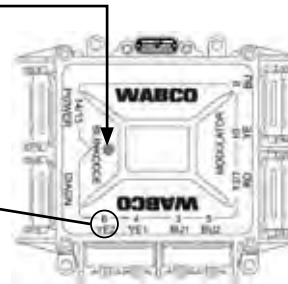
The LED flashing code starts immediately after the fault occurs
 – flashes out a plain number code
 – marked number on the housing corresponds to the numerical code.

Example:

LED flashes 6 x

Faulty component is YE2

Sensor and/or cable from socket YE2 is faulty



2. Flashing code - Compact Tester

(a complete set of instructions for the tests is supplied with every device)

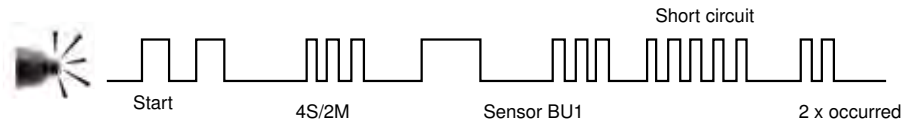


flashing code connector 446
 300 334 0

Normal mode: press the button once, flashing code output as described under 1.

Expert mode: press the button twice, system identification and fault memory is read out

Example:



Additional functions:

System (name) e.g. 2S/2M system change to 4S/2M

Commissioning cycle after first installation or extensive repairs

Clear fault memory (there must not be any current faults present)



Compact Tester
 446 300 400 0

LED display – no flashing code count

Display:

installed system e.g. UCS = VCS

fault code e.g. 4 7 1 = sensor D (YE1) air gap too large, 1 x occurred

system configuration e.g. 4 - 2 = 4S/2M system

Special functions:

- system (name) e.g. 2S/2M system change to 4S/2M
- commissioning cycle after first installation or extensive repairs
- function test – assignment and control of sensor/modulator
- read out mileage recorder
- speed-dependent switch: read out gear shift shaft
- service signal: read out distance

3. Diagnostic Controller + Program Card



Diagnostic Controller 446
 300 331 0

A comprehensive diagnosis can be performed with this.
 A multimeter is also integrated into the controller.
 On-line help in clear text for every point of the diagnosis.
 The test of the ABS system can be printed out as a log.

4. PC diagnosis



Diagnostic Interface
 with connection
 cable
 446 301 021 0



VCS software
 446 301 501 0

Functions similar to the Diagnostic Controller.

Hardware requirements:

Notebook/Laptop 486 PC and higher, 4 MB main storage, colour display, approx. 5 MB free hard drive space, 3 1/2" floppy drive, COM port (9-pole) for the diagnostic interface, Windows 3.xx/95, interface with connection cable, interconnecting cable interface/electronics or diagnostic socket (as for Diagnostic Controller)

Fault analysis

Please note the following (also see wiring diagram above):

System	modulator			sensor			
	RD (A)	YE (B)	BU (C)	BU1 (c)	BU2 (e)	YE1 (d)	YE2 (f)
2S/2M		✓	✓	✓		✓	
4S/2M		✓	✓	✓	✓	✓	✓
4S/3M	✓	✓	✓	✓	*✓	✓	*✓

¹ BU2 and YE2 sensed wheels are actuated via modulator RD




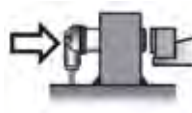
Important instruction:

Make certain that there is no power to the ECU before the following example tests are started. All the sensors and modulators must be correctly connected before restarting the vehicle, otherwise new fault codes will be stored in fault memory.

Sensors




air gap:

Example: wheel e (BU2)

 Disconnect the sensor connector BU2	 approx. 2 km/h Raise the wheel and turn it by hand	 0,10 Volt AC Sensor voltage min. 0,1 V AC	 Insert the sensor
---	--	---	--





speed jump/intermittent open circuit:

Example: wheel c (BU1)


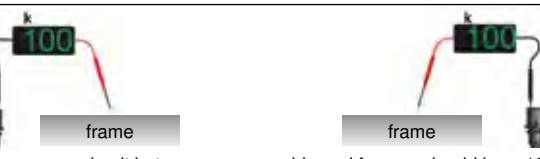
 Disconnect the sensor connector BU1	 approx. 2 km/h Raise the wheel and turn it by hand	 max. < 2 x min 0,20 Volt AC 0,10 min. Sensor voltage max. < 2 x min.	pulse wheel axial eccentricity (max. 0,2 mm/revolution) damage to the pulse wheel too much play in wheel bearing secure sensor mounting Check:
--	---	---	---

split cable/short circuit:

Example: Sensor d (YE1)

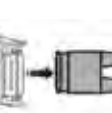
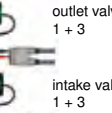


 Disconnect the sensor connector YE1	 Test sensor resistance should be 1,0-1,3 K	 If the value is NOT ok Separate the connection from the sensor	 Check the resistance directly to localise the fault
---	---	---	--

if OK

 Connect sensor with sensor extension	 k 100 frame Check for an open circuit between sensor cable and frame - should be > 100 K – if incorrect, damaged insulation (contact to frame), change faulty components according to the earlier measurement.
---	--

Modulator:

Example: cable break modulator C (BU)

 separate connection "Y" designation on the ECU	 150 150 outlet valve PIN 1 + 3 intake valve PIN 1 + 3 Check resistance: intake and outlet valves	 300 Check resistance between PIN 1 + 2	 If open circuit or short circuit - check the modulator resistance to find the location of the fault.
---	---	--	---

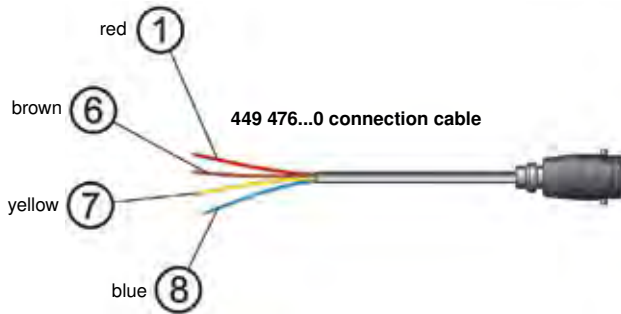
Power supply connection cable:

The most frequent causes are blown fuses, damaged cables and bad connections at the connecting plugs or in the distribution box. Check all in sequence for a short circuit. In many cases checking with a test lamp is better than using a multimeter - especially on connections with high resistances.

WABCO Trailer EBS-D Generation

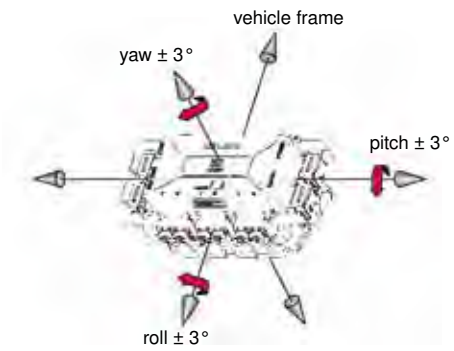
IN/OUT2

external brake pressure sensor/telematics



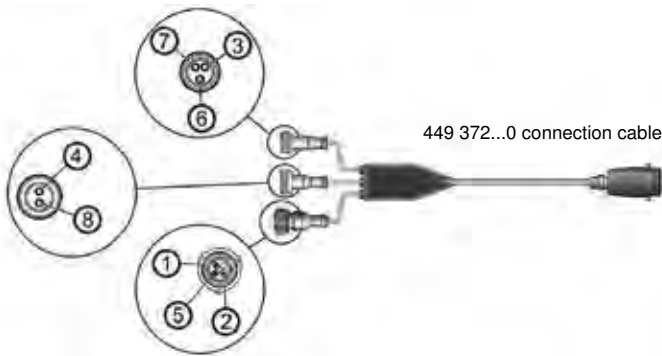
- ① switch output 3/external brake pressure sensor (terminal 15, 3A)
- ② ground ECU
- ③ input external brake pressure sensor
- ⑤ optional terminal 30 (not fused)
- ⑥ ground ECU
- ⑦ CAN 2 – High
- ⑧ CAN 2 – Low

RSS installation specification



permitted angle deviation on installation

Modulator – 3. modulator



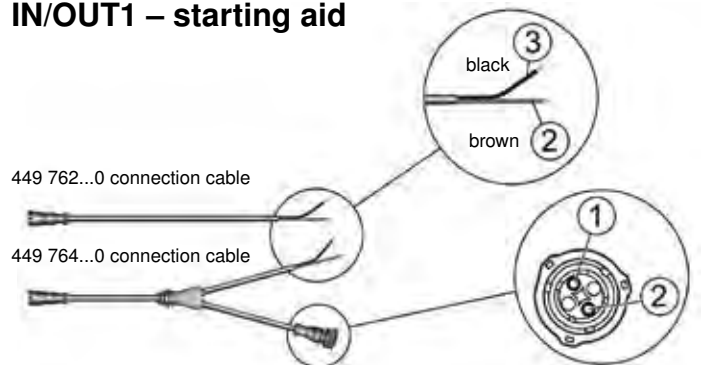
- ① switch output 3 (terminal 15, 3 A)
- ② ground ECU
- ③ outlet valve + 24 V
- ④ Redundancy valve + 24 V
- ⑤ input pressure sensor EBS relay valve
- ⑥ solenoid valve ground
- ⑦ intake valve + 24 V
- ⑧ Redundancy valve ground



rotational speed sensors f, d

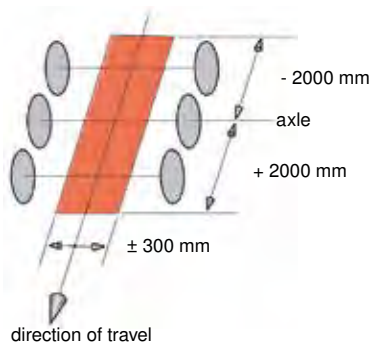


IN/OUT1 – starting aid



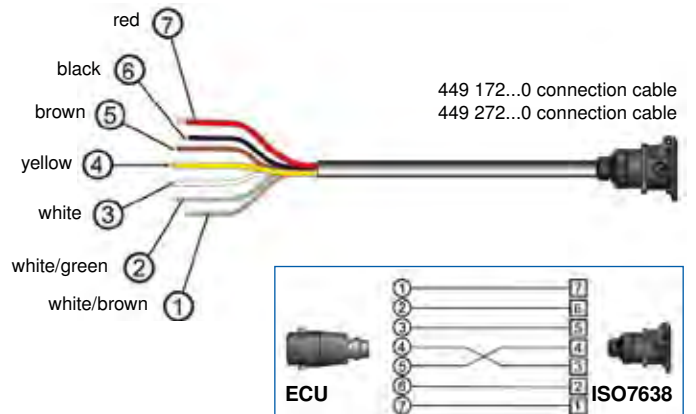
- ① switch output 5 (24 V)
- ② ground ECU
- ③ input external axle load sensor/starting aid

Installation constraints for safeguarding the RSS function – for modulator 480 102 014 0



Modulator installation constraints

Power – ISO 7638/TCE

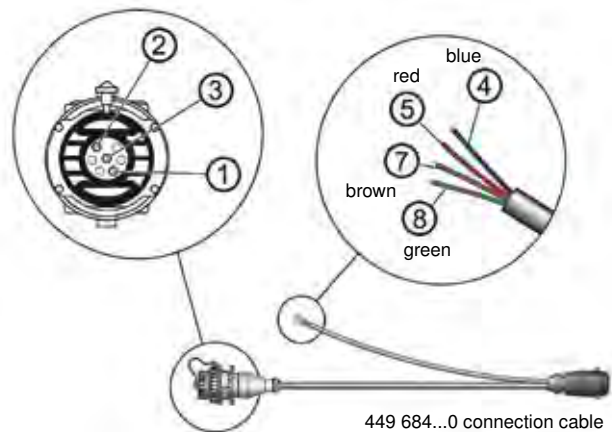


- ① CAN Low (Standard 24 V, TCE 5 V)
- ② CAN High (Standard 24 V, TCE 5 V)
- ③ warning lamp (not in the TCE version)
- ④ ground ECU (not in the TCE version)
- ⑤ ground valve (terminal 31) (ground in the TCE version)
- ⑥ 24 V ECU (terminal 15) (not in the TCE version)
- ⑦ 24 V terminal 30 (plus in the TCE version)



DIAGN.

Diagnosis/brake light/ISS/ILS/ECAS/ELM/battery

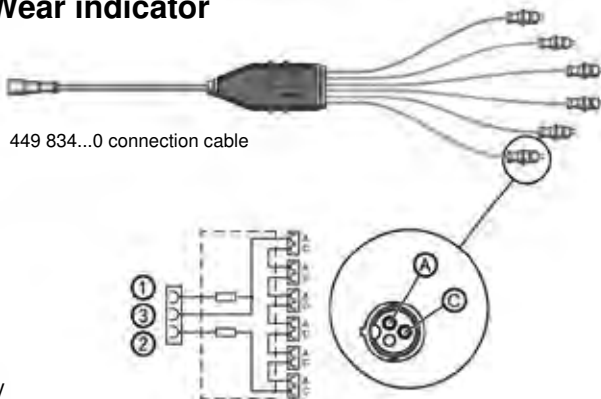


- ① ISO 9141 K-line
- ② switch output 4 (diagnosis supply)
- ③ ground ECU
- ④ switch output 2 (ECAS/ELM/IL32)
- ⑤ brake light +
- ⑥ Output battery charging (ECAS)
- ⑦ ground ECU (brake light -)
- ⑧ switch output 1 (ISS/ILS 1)

rotational speed sensors c, e



Wear indicator




- ① 5 V
- ② ground ECU
- ③ input wear sensor

WABCO Trailer EBS E – System Overview

Standard with conventional air suspension

1 Lift axle valve (LACV II)



463 084 031 0
463 084 041 0 with plug-in connectors


2 air suspension valve



464 006 002 0
464 006 100 0 with integrated height limitation
464 006 102 0 with plug-in connectors

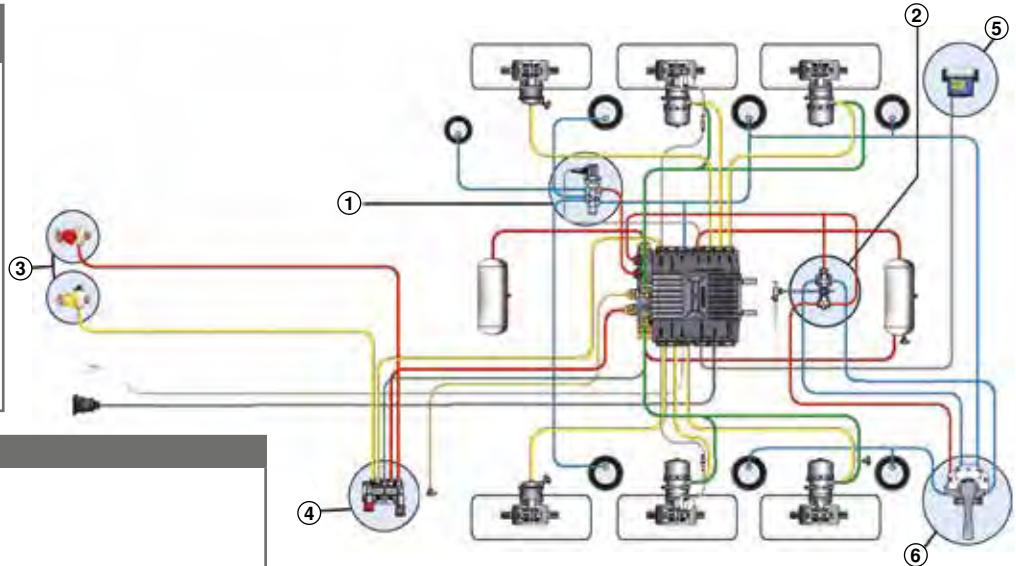
433 401 003 0 joint

3 Coupling head with integrated filter




supply
952 201 012 0
952 201 015 0 with plug-in connectors

brake
952 201 011 0
952 201 014 0 with plug-in connectors and test connection



4 Park release safety valve




Cross-ref no.	plug connector	plate	test connection
971 002 900 0	X	✓	X
971 002 902 0	X	X	X
971 002 910 0	✓	X	X
971 002 911 0	✓	X	X
971 002 912 0	✓	✓	✓

5 Information system




446 192 110 0 SmartBoard

6 air spring control



Rotary valve
463 032 020 0
463 032 220 0 with plug-in connectors






Trailer EBS E Modulator



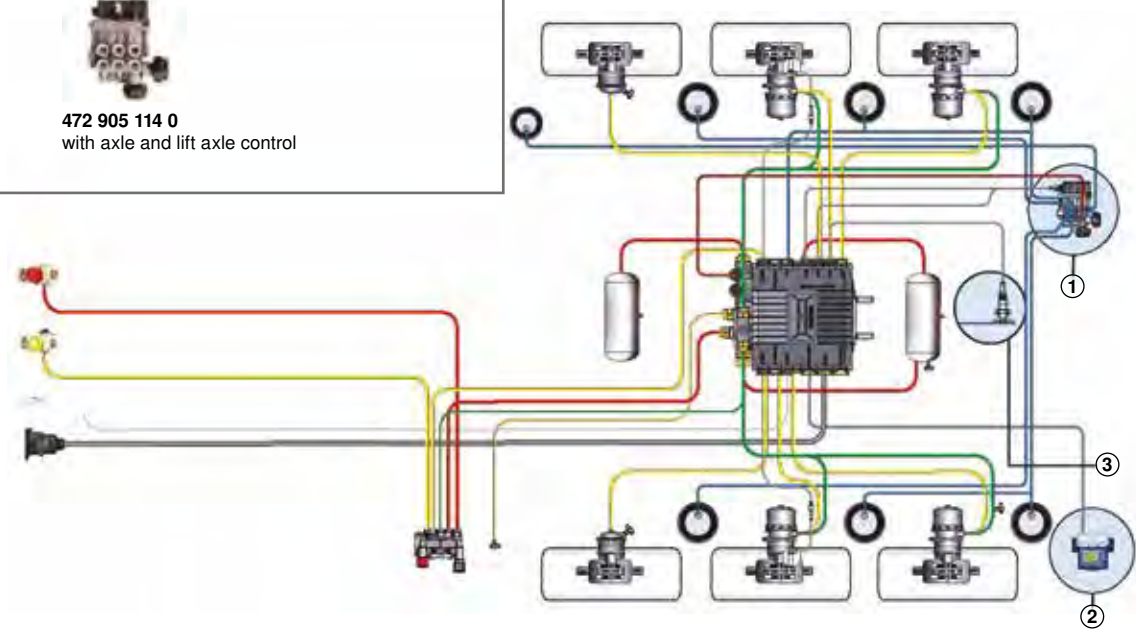
with PEM (Pneumatic Extension Module)





Comparative no.	System	leaf spring suspension support	integrated air suspension control	GIOS number	PEM plug connector	assisted supply	air suspension pipework
480 102 030 0	Standard, 2S/2M	X	X	4	X X		
480 102 031 0	Standard, 2S/2M	X	X	4	✓ ✓	∅ 16 x 2	∅ 8 x 2
480 102 032 0	Standard, 2S/2M	X	X	4	X ✓		
480 102 033 0	Standard, 2S/2M	X	X	4	✓ ✓	∅ 15 x 1,5	∅ 12 x 1,5
480 102 034 0	Standard, 2S/2M	X	X	4	✓ X		
480 102 060 0	Premium, max. 4S/3M	✓	✓	7	X X		
480 102 061 0	Premium, max. 4S/3M	✓	✓	7	✓ ✓	∅ 16 x 2	∅ 8 x 1
480 102 062 0	Premium, max. 4S/3M	✓	✓	7	X ✓		
480 102 063 0	Premium, max. 4S/3M	✓	✓	7	✓ ✓	∅ 15 x 1,5	∅ 12 x 1,5
480 102 064 0	Premium, max. 4S/3M	✓	✓	7	✓ X		




Premium with electronic air suspension

Diagnosis Trailer EBS E		
		
Diagnosis interface with USB port 446 301 022 0	Diagnosis cable 446 300 361 0	connection adapter ISO 7638 with CAN socket 446 300 360 0
Option 2		
		
Diagnosis interface with serial port 446 301 021 0	CAN converter 446 300 470 0	connection adapter ISO 7638 with CAN socket 446 300 360 0
Option 3		
		
Diagnosis interface USB or serial	Diagnosis cable 446 300 348 0	Diagnosis connection with yellow cap (only premium ECU) 449 611...0

1 ECAS solenoid valve	
	
472 880 030 0 with axle control	472 905 114 0 with axle and lift axle control




2 air spring control			
			
Operating unit 446 056 25. 0 Tractor unit and trailer control from the cab - requires WABCO CAN2 modulator	ECAS operating box 446 156 010 0 with axle control 446 156 011 0 with axle and lift axle control	ECAS operating unit 446 156 010 0 with axle control 446 156 011 0 with axle and lift axle control	SmartBoard 446 192 110 0

3 ECAS-Sensor

441 050 100 0 Path sensor

441 050 718 2 Lever

443 401 003 0 joint

WABCO Trailer EBS E - connections

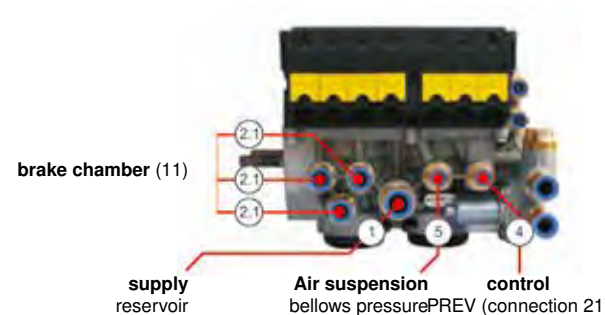
Trailer EBS E Modulator: Connections for cables and pipes

cable connections





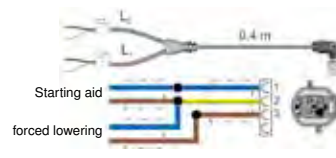
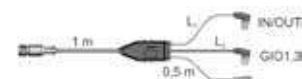



GENERIC IN/OUTPUTS			modulator
GIO5			
GIO4			Subsystems
GIO3			
GIO2			
GIO1			IN/OUT
ABS-f/GIO6			GIO7/ABS-e
ABS-d			ABS-c

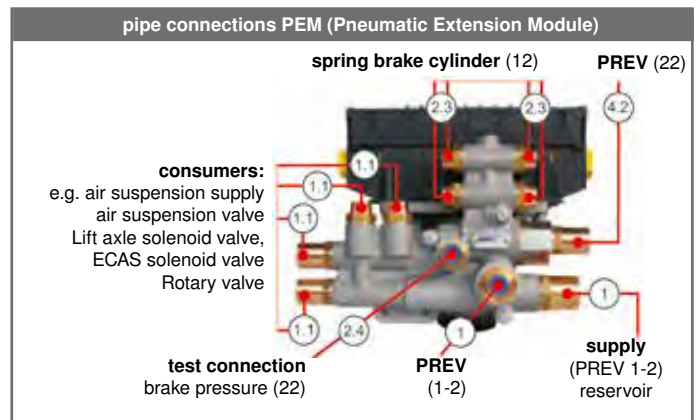
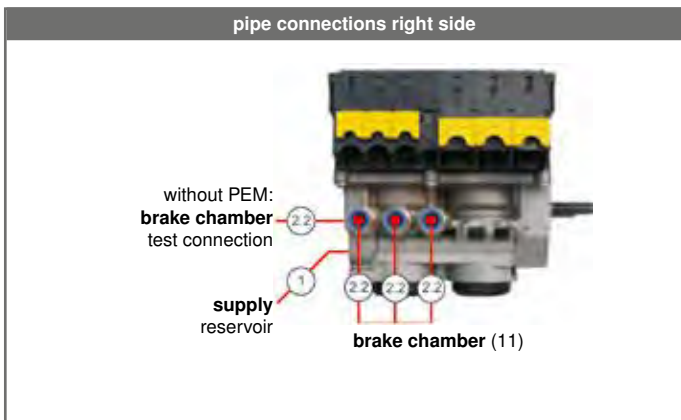
S standard
P Premium

pipe connections left side



Cable for the connection trailer EBS E modulator

GIO					
S P	wear indicator BVA		GIO1+3	GIO1+3	
	449 816 013 0				1,3 m
	449 816 030 0				3 m
S P	adapter		GIO1...4	GIO1...7	
	449 819 010 0				1 m
S P	GIO – open end		GIO1...4	GIO1...7	
	449 535 060 0				6 m
S P	Starting aid		GIO1+3	GIO1+3	
	449 813 050 0				5 m
S P	starting aid/forced lowering		GIO1+3	GIO1+3	
	449 815 253 0				L1/L2 6/6 m
	449 815 258 0				15/6 m
S P	24N/TH/forced lowering		GIO1+3 IN/OUT	GIO1+3 IN/OUT	
	449 356 023 0				L1/L2 1/0,4 m
S P	Lift axle valve, RTR		GIO1...4	GIO1...7	
	449 443 008 0				0,8 m
	449 443 010 0				1 m
	449 443 020 0				2 m
	449 443 040 0				4 m
	449 443 060 0				6 m
	449 443 100 0				10 m
S P	Pressure sensor		GIO1+3	GIO1+3	
	449 812 030 0				3 m
	449 812 100 0				10 m
P	Diagnosis			GIO5	
	449 611 030 0				3 m
	449 611 040 0				4 m
	449 611 060 0				6 m
	449 611 080 0				8 m





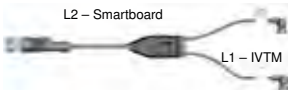




GIO	
P	
Telematics	GIO5
449 915 010 0	1 m
P	
ECAS solenoid valve	GIO2+3
449 445 010 0	1 m
449 445 030 0	3 m
449 445 050 0	5 m
P	
for ECAS or conventional suspension	GIO1+4
Path sensor	GIO1+4
449 811 010 0	1 m
449 811 050 0	5 m
449 811 080 0	8 m
P	
External ECAS	GIO4
449 438 050 0	5 m
S P	
ABS sensor + GIO6/7	GIO6+7
	L1/L2
449 818 022 0	0,4/0,4 m
S P	
Y cable for GIO	GIO1...3 GIO1...7
449 629 022 0	0,4/0,4 m





ABS sensor c, d, e, f		
S P		
sensor	ABS c+d	ABS c...f
449 723 003 0		0,3 m
449 723 018 0		1,8 m
449 723 023 0		2,3 m
449 723 030 0		3 m
449 723 040 0		4 m
449 723 080 0		8 m
449 723 100 0		10 m




modulator	
S P	
EBS relay valve	modulator
449 429 010 0	1 m
449 429 030 0	3 m
449 429 080 0	8 m
S P	
ABS relay valve	modulator
449 436 030 0	3 m
449 436 080 0	8 m

WABCO Trailer EBS E - connections

Cable for the connection trailer EBS E modulator

Subsystems			
S P		SmartBoard	Subsystems
		449 911 040 0	4 m
		449 911 060 0	6 m
		449 911 120 0	12 m
S P		Universal 8-core	Subsystems
		449 437 020 0	2 m
		449 437 060 0	6 m
S P		SmartBoard + IVTM	Subsystems
			L1/L2
		449 916 182 0	0,4/4 m
		449 916 253 0	6/6 m
S P		ECAS operating box	Subsystems
		449 627 060 0	6 m
S P		ECAS operating unit	Subsystems
		449 628 050 0	5 m
S P		Telematics	Subsystems
		449 914 010 0	1 m
S P		IVTM ECU	Subsystems
		449 913 050 0	5 m

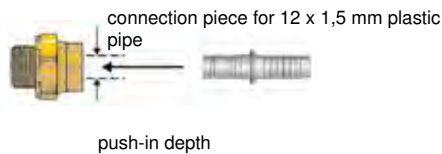
Power			
S P		ISO 7638 semi-trailer	Power
		449 173 090 0	9 m
		449 173 120 0	12 m
		449 173 130 0	13 m
		449 173 150 0	15 m
S P		ISO 7638 drawbar trailer	Power
		449 273 060 0	6 m
		449 273 100 0	10 m
		449 273 120 0	12 m
S P		ISO 7638 Adapter	Power
		449 347 003 0 ①	0,3 m
		449 347 025 0 ①	2,5 m
		449 353 110 0 ②	11 m
		449 353 140 0 ②	14 m
S P		ISO 7638 open end	Power
		449 371 120 0	12 m
		449 371 180 0	8 m

IN/OUT			
S P		ISO 1185 (24 N)	IN/OUT
		449 349 040 0	4 m
		449 349 060 0	6 m
		449 349 100 0	10 m
		449 349 150 0	15 m
S P		ISO 1185 (24 N)	IN/OUT
		449 350 010 0	1 m
S P		TCE (plug-in position X22)	IN/OUT
		449 348 020 0	2 m

Installation instructions

connection "New Line" system

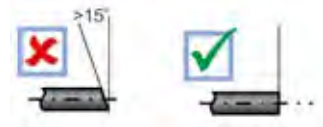
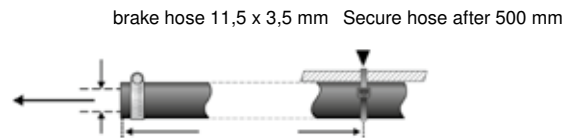
hose adapter
893 129 467 4



Dismantling tool 899 700 920 0



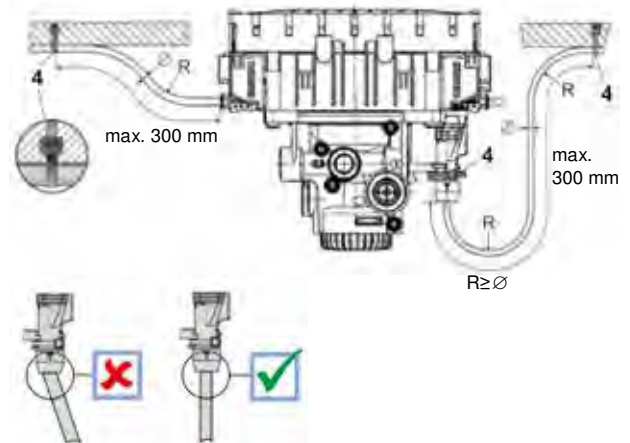
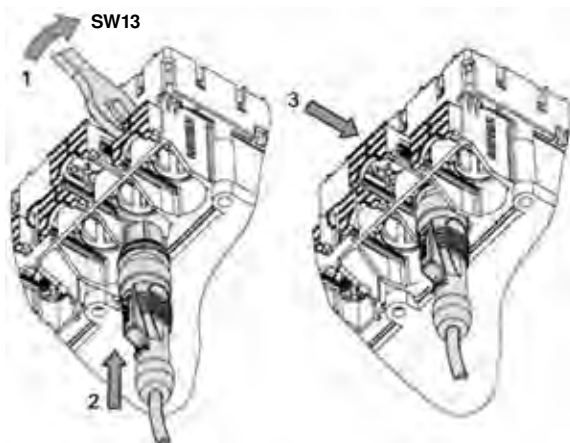
Using the dismantling tool



- Use plastic pipe conforming to DIN 74324, 73378 or ISO 7628.
- Use for example adhesive tape to mark the push-in depth on the pipe in accordance with the data in the table.
- Cut the pipe at a right-angle, a deviation of a maximum of 15° is allowable.
- Press the pipe fully into the opening of the connection.
- Check that the pipe has been fully pushed in. The marking must touch the connection piece.
- By pulling the pipe with 20 to 50 N, check that the pipe is fixed in the connection.
- Use the dismantling tool to remove the pipe from the push-in coupling according to the illustration "Using the dismantling tool".

Plastic pipe	Comparative no.	push-in depth	Hose adapter cross-ref no.
8 x 1 mm	828 251 008 6	20,5 mm	–
12 x 1,5 mm	828 251 112 6	25 mm	893 129 467 4
12 x 1,5 mm	828 251 115 6	27 mm	–
16 x 2 mm	828 252 116 6	27 mm	–

Cable connection

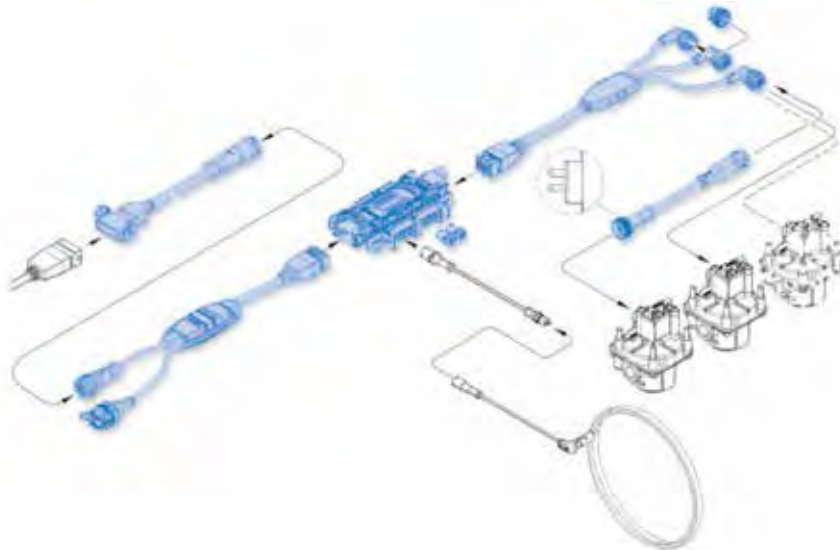



- The ISO 7638 socket must be installed pointing downwards at an angle of 0°...30°. Otherwise, water can enter the connector during its connection and disconnection.
- Cables must only be secured on elements that are rigidly connected to the component e.g. the vehicle frame. Securing to flexible elements can lead to cable breakages and leaks.
- Cables with open ends must be sealed separately or led into a water-tight distribution box.

WABCO Trailer ABS: Replace Vario C and VCS I with VCS II

Replace VCS I electronics with VCS II ECU

446 108 920 2



 Part of the repair kit

With repair kit 446 108 920 2 you will receive a VCSII of the "Separate ECU" type. Only the electronics is substituted. The modulators, sensors and most of the cables can continue to be used. When a VCS I compact unit is replaced, the solenoid valve block can usually continue to be used.

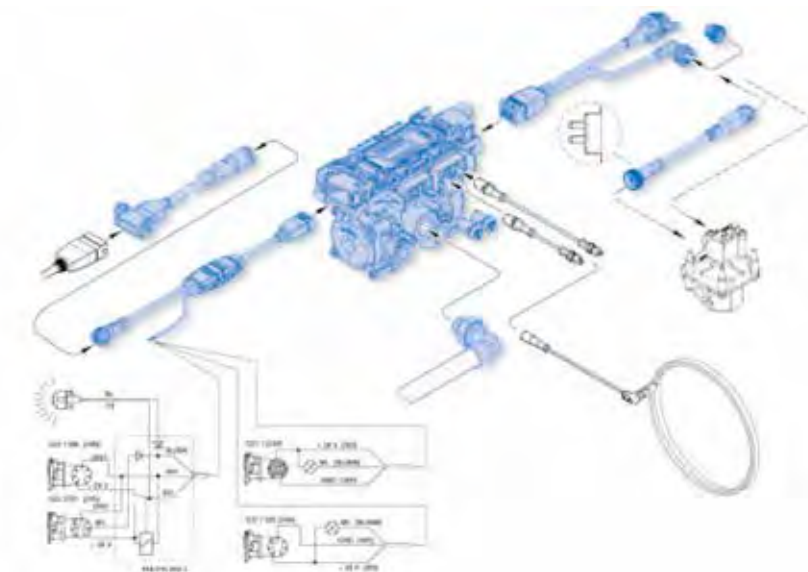
446 108 920 2 substituted




- 446 108 030 0
- 031
- 032
- 040
- 041
- 400 500 030 0
- 032
- 036
- 040
- 042
- 064
- 066

Changing the complete VCS I compact unit

446 108 921 2



 Part of the repair kit

As well as the required cables and adapters, repair kit 446 108 921 2 contains a VCS II compact unit. That way the modulators are also renewed. This repair kit is also intended for **vehicles with mixed supply**.

Because of this additional connection to the brake light supply of the 24-N connector, this system is also operational without an ABS plug-in connection according to ISO 7638.

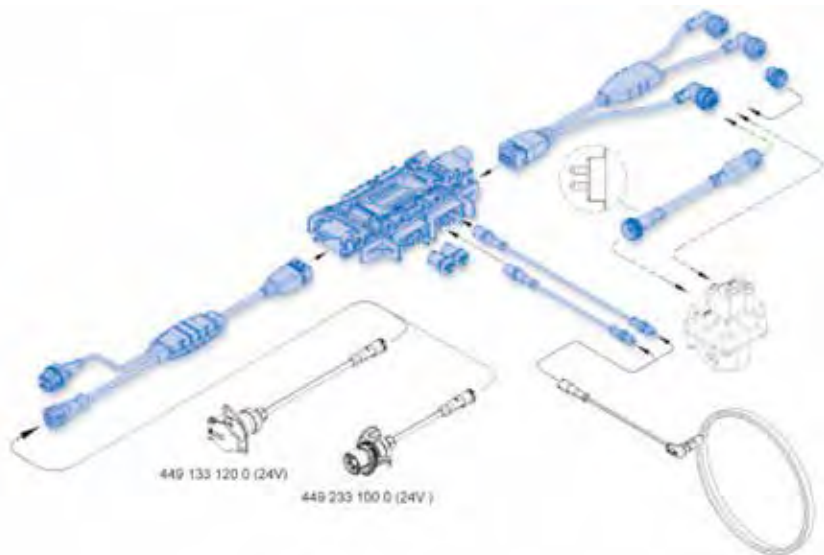
446 108 921 2 substituted




- 446 108 035 0
- 045
- 400 500 034 0
- 035
- 037
- 038
- 045
- 046

Changing the Vario C system

446 105 927 2



 Part of the repair kit

With repair kit 446 105 927 2 for conversion of the Vario C equipment to a modern system, it is necessary to change the electronics (ECU), supply cable, modulator cable and the sensor extension cable. Provided they are still functional, the existing ABS relay valves can continue to be used.

The connection with the third modulator on 4S/3M systems is provided. Depending on the type of vehicle (semi-trailer or drawbar trailer), a suitable supply cable must be obtained separately.

446 108 921 2 substituted



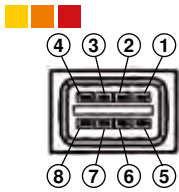
446 105 001 0
009
023
031
032
051
052





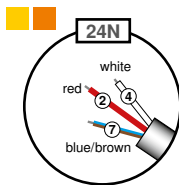
WABCO VCS II – 2nd. Generation Vario Compact ABS

left-hand connection



supply

- ① terminal 15
- ② 24N
- ③ terminal 30
- ④ ground
- ⑤ Not assigned
- ⑥ Not assigned
- ⑦ warning lamp
- ⑧ ground



supply/CAN

- ① terminal 15
- ② 24N
- ③ terminal 30
- ④ ground
- ⑤ CAN low
- ⑥ CAN high
- ⑦ warning lamp
- ⑧ ground

supply/diagnosis

- ① terminal 15
- ② Diagnosis K-Line
- ③ terminal 30
- ④ ground
- ⑤ CAN low
- ⑥ CAN high
- ⑦ warning lamp
- ⑧ ground

ECU – Electronic Control Unit

ECU Standard 400 500 070 0



Wheel sensor YE1 — Wheel sensor YE2

ECU Premium 400 500 081 0/082 0



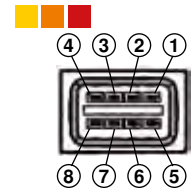
Wheel sensor YE2 — Wheel sensor BU2
Wheel sensor YE1 — Wheel sensor BU1

ECU Separate 446 108 085 0



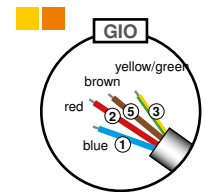
Wheel sensor YE2 — Wheel sensor BU2
Wheel sensor YE1 — Wheel sensor BU1

right-hand connection



Diagnosis

- ① Generic IO/D1
- ② Generic IO/D2
- ③ Not assigned
- ④ Diagnosis-Supply
- ⑤ ground
- ⑥ Not assigned
- ⑦ Not assigned
- ⑧ Diagnosis K-Line



Diagnosis/3rd modulator

- ① Generic IO/D1
- ② Generic IO/D2
- ③ Generic IO/A1
- ④ Diagnosis-Supply
- ⑤ ground
- ⑥ RD (3rd Modulator, A)
AV (outlet valve)
- ⑦ RD (3rd Modulator, A)
- ⑧ EV (intake valve)
Diagnosis K-Line

Modulators/GIO

- ① YE Modulator EV
- ② YE Modulator AV
- ③ BU Modulator EV
- ④ BU Modulator AV
- ⑤ ground
- ⑥ RD (3rd Modulator, A)
AV (outlet valve)
- ⑦ RD (3rd Modulator, A)
- ⑧ EV (intake valve)
Generic IO/D1

WABCO VCS II – 2nd. Generation Vario Compact ABS

supply cable		
divided		direct
ECU Standard 400 500 070 0	ECU Premium 400 500 081 0/082 0	ECU Separate 446 108 085 0
ISO 7638 (5 PIN)		
449 132 005 0	0,5 m	449 125 060 0
449 132 060 0	6 m	449 125 100 0
449 132 080 0	8 m	449 125 120 0
449 132 120 0	12 m	449 125 140 0
449 132 150 0	15 m	449 125 180 0
449 242 100 0	10 m	449 225 060 0
		449 225 120 0
449 375 003 0	0,3 m	449 225 140 0
449 375 030 0	3 m	
449 375 060 0	6 m	ISO 7638 (5 PIN)/24N
449 375 100 0	10 m	
		L1/L2
ISO 7638 (5 PIN)/24N		
	L1/L2	449 124 333 0
449 374 281 0	0,25/8 m	449 124 337 0
449 374 323 0	1/2 m	
		L1/L2
ISO 7638 (7 PIN)		
449 133 030 0	3 m	ISO 7638 (7 PIN)
449 133 120 0	12 m	
449 133 150 0	15 m	449 126 060 0
		449 126 100 0
449 233 030 0	3 m	449 126 120 0
449 233 100 0	10 m	449 126 140 0
449 233 140 0	14 m	
449 233 180 0	18 m	449 226 060 0
		449 226 100 0
449 385 003 0	0,3 m	449 226 120 0
449 385 030 0	3 m	449 226 140 0
449 385 060 0	6 m	ISO 7638 (7 PIN)/24N
449 385 100 0	10 m	
		L1/L2
ISO 7638 (7 PIN)/24N		
	L1/L2	449 134 337 0
449 384 323 0	1/12 m	
449 384 333 0	6/12 m	L1/L2
		449 234 337 0
		12/12 m

supply cable		
divided		direct
ECU Standard 400 500 070 0	ECU Premium 400 500 081 0/082 0	ECU Separate 446 108 085 0
ISO 7638 (7 PIN) + diagnosis		
449 133 ...+/ 449 386 143 0 449 386 148 0	449 233...+ L1/L2 1/3 m 3/3 m	L1/L2 449 144 057 0 449 144 157 0
		12/1 m 12/3 m
supply cable (5 PIN)		
449 345 120 0 449 345 150 0	12 m 15 m	L1/L2 449 244 048 0 449 244 055 0 449 244 155 0 449 244 157 0
		3/1 m 8/1 m 8/3 m 12/3 m
supply cable (7 PIN)		
449 320 120 0 449 320 150 0	12 m 15 m	

Diagnosis cable

ECU Standard 400 500 070 0	ECU Premium 400 500 081 0/082 0	ECU Separate 446 108 085 0
ECAS diagnosis cable		
449 336 030 0		3 m
ECAS diagnosis cable + A modulator		
		L1/L2
449 337 328 0		3/12 m
Diagnosis cable + ELM		
		L1/L2
449 340 153 0		6/3 m
Diagnosis cable		
449 615 030 0		3 m
449 615 060 0		6 m
Diagnosis cable + BVA		
		L1/L2
449 623 253 0		6/6 m
449 623 316 0		10/10 m
Diagnosis cable + TASC (RTR)		
		L1/L2
449 617 253 0		6/6 m
449 617 257 0		12/6 m

Diagnosis and modulator cable

ECU Standard 400 500 070 0	ECU Premium 400 500 081 0/082 0	ECU Separate 446 108 085 0
Diagnosis cable + GIO + A modulator		
		L1/L2
449 618 153 0		6/3 m
449 618 157 0		12/3 m
Diagnosis cable + A modulator + BVA		
		L1/L2
449 620 156 0		10/3 m
Modulator cable A + B + C + GIO		
		L1/L2
449 566 333 0		6/8 m
Modulator cable YE + BU + GIO		
		L1/L2
449 555 293 0		6/8 m
Modulator cable YE + BU + RD		
		L1/L2
449 534 043 0		1/1m
449 534 148 0		3/3 m
449 534 253 0		6/6 m
Diagnosis cable + A modulator		
		L1/L2
449 616 148 0		3/3 m
449 616 153 0		6/3 m
449 616 156 0		10/3 m
449 616 157 0		12/3 m
449 616 158 0		15/3 m
449 616 235 0		8/5 m
449 616 253 0		6/6 m

sensor

Sensor cable	Mini sensor + cable/mini clamping bush	Mini sensor + cable/clamping bush
449 712 008 0		
449 712 018 0		
449 712 023 0		
449 712 030 0		
449 712 038 0		
449 712 051 0		
449 712 060 0		
449 712 064 0		
449 712 070 0		
	Mini clamping bush	899 759 882 4
	Mini sensor + cable	441 035 001 0
		0,5 m
	Clamping bush	899 760 510 4
	Sensor + cable	441 032 808 0
		0,4 m
	Sensor + cable	441 032 809 0
		1 m
	Sensor + cable + grease	441 032 912 2
		0,5 m
	Sensor + cable + grease	441 032 922 2
		1 m

WABCO VCS II – 2nd. Generation Vario Compact ABS

PC diagnosis



software	246 301 5 ... 0
interface kit (incl. cable to PC)	446 301 021 0 (COM) 446 301 022 0 (USB)
diagnosis cable	446 300 329 2

1 Release valve



with integrated check valve	963 001 051 0
without integrated check valve	963 001 052 0

10 coupling head with filter

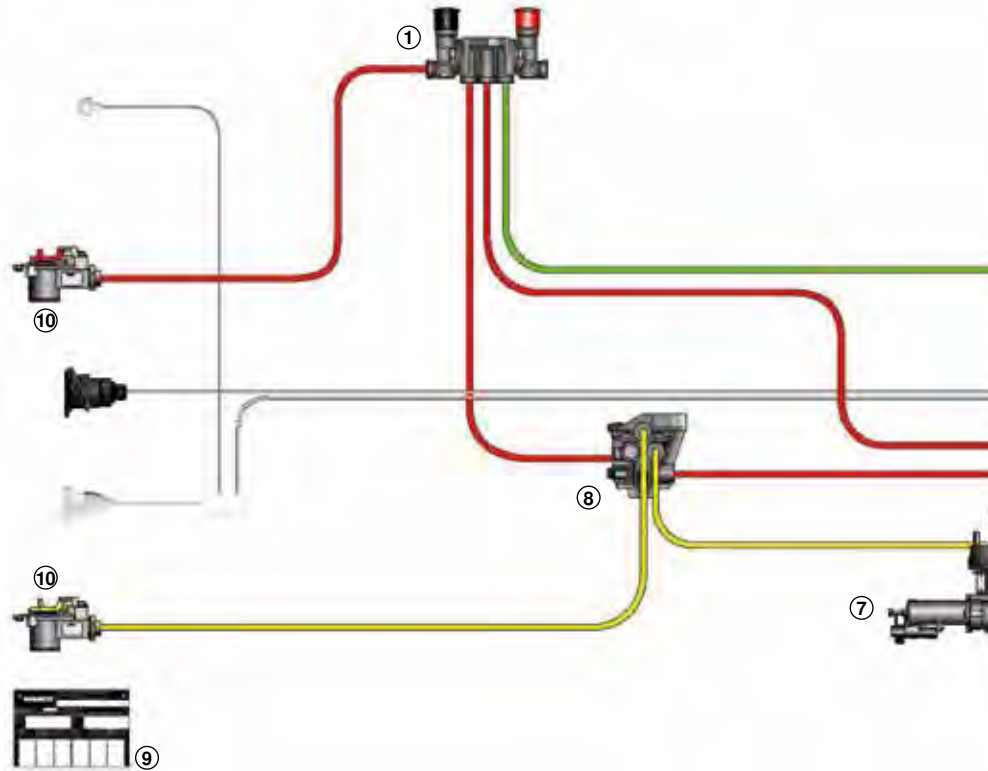


supply	952 201 012 0
brake	952 201 011 0
brake + test connection	952 201 013 0

9 ALB plate



for leaf-spring suspension	899 144 630 4
for air suspension	899 144 631 4



8 trailer brake valve




without advance	971 002 301 0
adjustable advance	971 002 300 0

7 ALB valve



for leaf-spring suspension	472 713 500 0
for air suspension (illustration)	475 714 500 0


2 **reservoir**



water drain valve
934 300 001 0

	Litre	∅
950 560 001 0	60	246 mm
950 760 002 0	60	276 mm
950 060 003 0	60	310 mm
950 060 004 0	60	396 mm
950 080 002 0	80	396 mm

reservoir band clamp

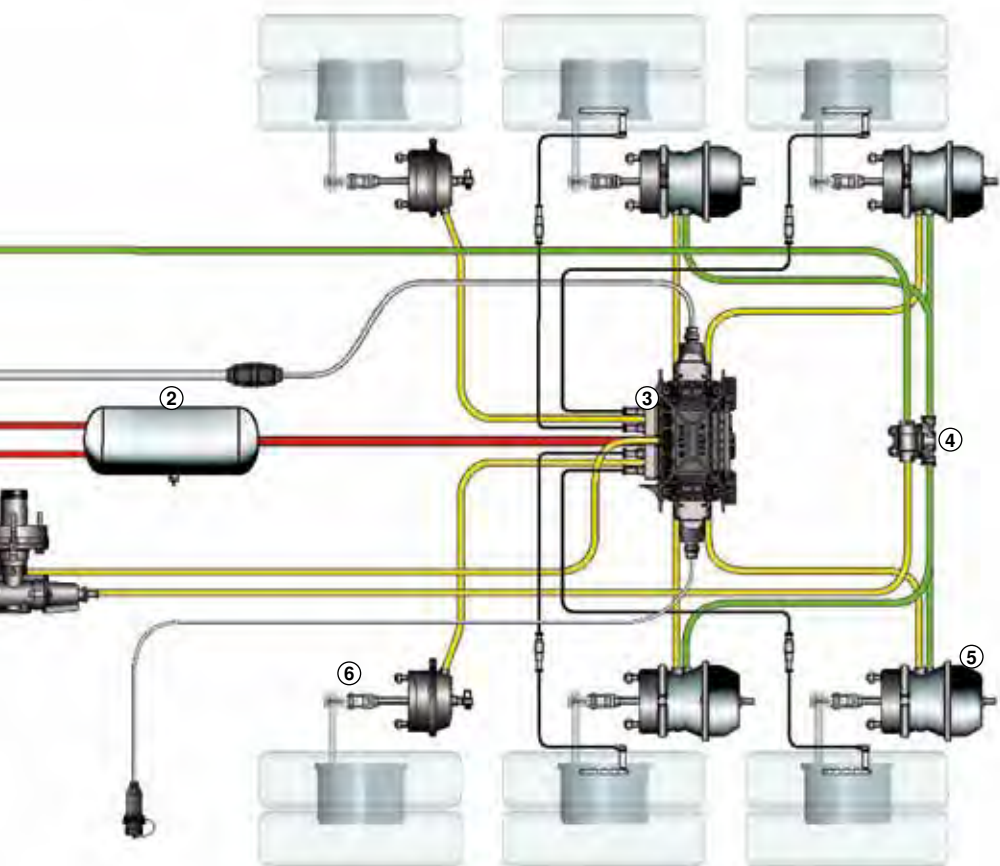


	∅
451 999 246 2	246 mm
451 999 276 2	276 mm
451 999 310 2	310 mm
451 999 396 2	396 mm


ABS relay valve (3rd modulator)



optional for 4S/3M 472 195 031 0




3 **VCS II ABS**




premium (2S/2M-4S/3M)	400 500 081 0/082 0
optional: Standard (2S/2M)	400 500 070 0

4 **Quick-release valve**



4 connections + integrated check valve 973 500 051 0

6 **Membrane cylinder**



	Type
423 104 900 0	16
423 105 900 0	20
423 106 900 0	24
423 107 900 0	30

5 **Tristop® cylinder TSL**



	Type
925 370 307 0	20/30
925 371 300 0	24/30
925 372 307 0	30/30



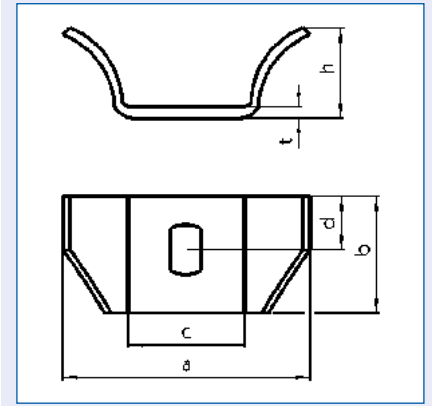
Chassis

Chassis attachment.....	362
Wheel chocks/holder.....	363, 364
Support winches.....	365–377
Spare wheel holder.....	378, 379
Underrun protection.....	380–383

Weld-on bracket

Surface untreated

Application range
for subframe fixing



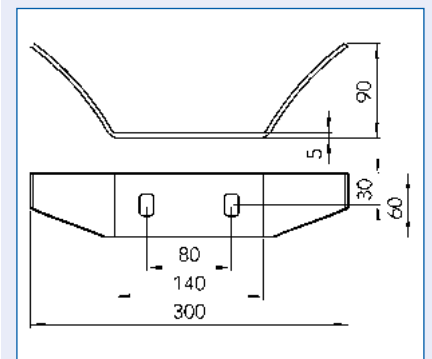
This figure corresponds to 9081 411 020

Size	a	b	c	d	h	t	Hole size	Order no.
1	106 mm	50 mm	50 mm	27 mm	40 mm	5 mm	21,5 x 13 mm	9081 411 020
2	155 mm	60 mm	70 mm	29 mm	69 mm	6 mm	25 x 17 mm	9081 411 030
3	155 mm	60 mm	70 mm	29 mm	73 mm	8 mm	25 x 17 mm	9081 412 000

Weld-on bracket

with 2 slotted holes

Width 300 mm
Height 90 mm
Hole size 30 x 15 mm
Surface untreated



Order no.
9081 413 140

Chock with integrated handle

Standard DIN 76051
Form G



Version	Length	Width	Height	Surface	Order no.
G 36, with hole	320 mm	120 mm	150 mm	primed	9081 413 980
G 36, with hole	320 mm	120 mm	150 mm	galvanised	9081 414 010
G 46, without hole	380 mm	160 mm	190 mm	primed	9081 413 990
G 46, without hole	380 mm	160 mm	190 mm	galvanised	9081 414 020
G 53, without hole	470 mm	200 mm	230 mm	primed	9081 414 000
G 53, without hole	470 mm	200 mm	230 mm	galvanised	9900 653 200

Accessories

Description	Order no.
Chock holder, G 36, with new wire spring , Clearance 125 mm, primed	9081 414 040
Chock holder, G 36, with new wire spring , Clearance 125 mm, galvanised	9081 414 070
Chock holder, G 46, Clearance 165 mm, primed	9081 414 050
Chock holder, G 46, Clearance 165 mm, galvanised	9081 414 080
Chock holder, G 53, with new wire spring , Clearance 205 mm, primed	9081 414 060
Chock holder, G 53, Clearance 205 mm, galvanised	9900 653 215

Chock with integrated handle

Version G 53, folding
Standard DIN 76051
Length 470 mm
Width 200 mm
Height 230 mm
Colour black
Form G
Material sheet steel
Surface powder-coated

Scope of supply

with 2 green coloured polyester straps

Order no.

9080 753 705



Chock holder suitable for Wheel chock 200 mm

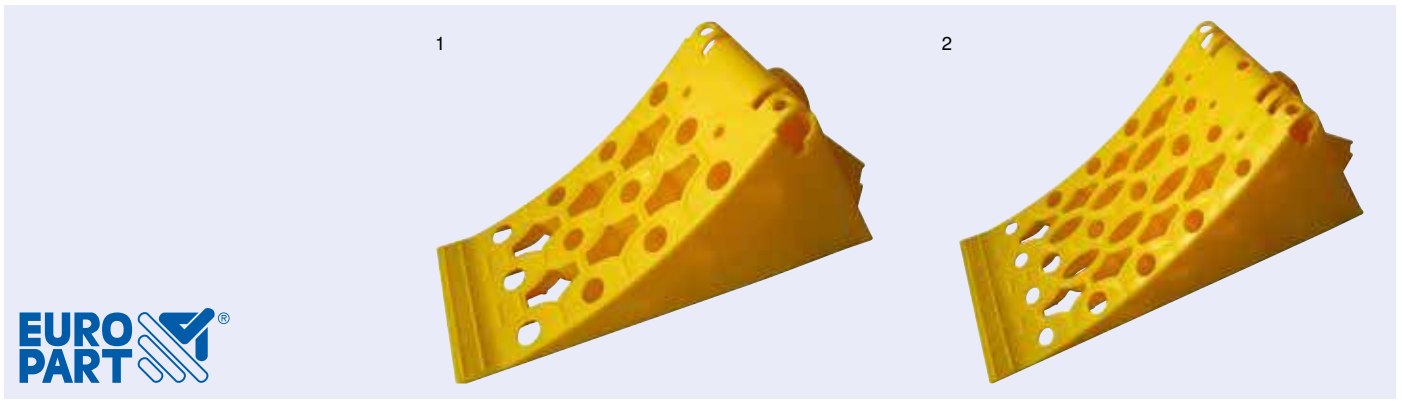
Can be clamped to the chassis / T-girder

Version E53, with quick-release fastener
Colour black
Material plastic
Angle 120°

Order no.

9080 020 520





Chock

With anti-skid protection

Colour yellow
Material Plastic

Version	Length x width x height	Fig.	Order no.
NG46	390 x 160 x 200 mm	1	9530 046 160
NG53	470 x 201 x 225 mm	2	9530 053 200



Chock holder

suitable for Wheel chock NG53

Colour black
Material Plastic

Order no.
9530 550 227



Chock holder

suitable for Wheel chock NG46

Colour black
Material Plastic

Order no.
9080 020 350

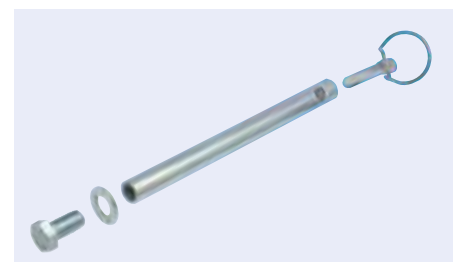


Retaining tube

For wheel chock

Version with bolt and security pin
Surface galvanised
Ø 21 mm
Length 250 mm

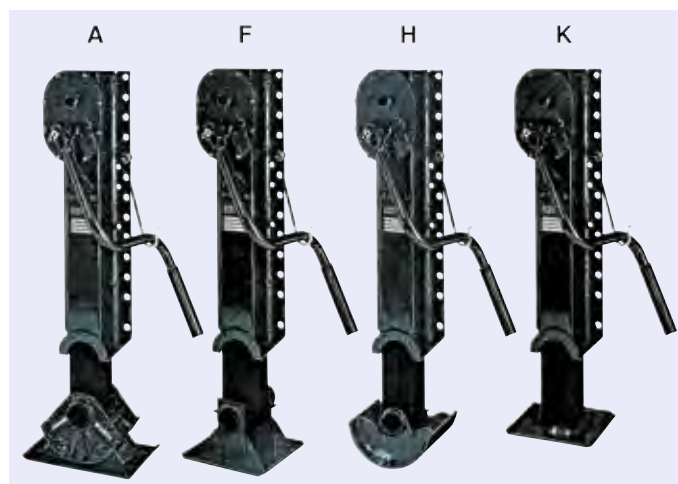
Order no.
9080 020 700



Landing legs

Load capacity/Set	24 t
Drawbar load/Set	50 t
Low L	1 mm
Overdrive	20 mm

A = compensating base, F = flexible supporting base, H = semi-rounded, K = ball-shaped base

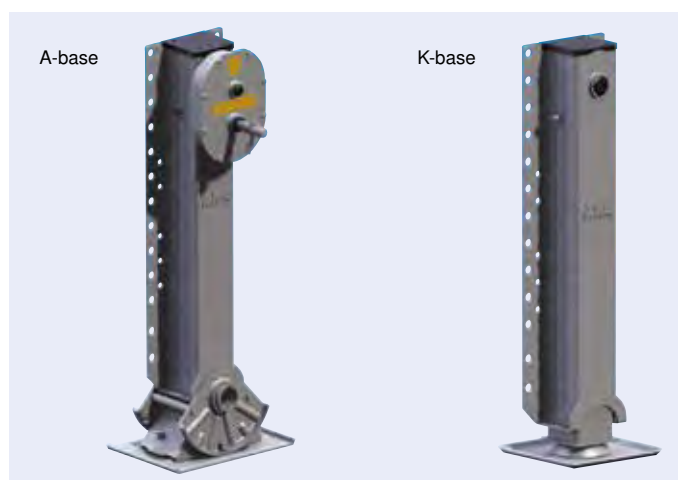


Base shape	Type	Version	Overall height	Stroke	Order no.
A	S2000Plus/LA880	with gear, without crank	880 mm	460 mm	3033 200 421
A	S2000Plus/LA880	without gear	880 mm	460 mm	3033 200 422
A	S2000Plus/LA930	with gear, without crank	930 mm	510 mm	3033 200 401
A	S2000Plus/LA930	without gear	930 mm	510 mm	3033 200 402
F	S2000Plus/LF910	with gear, without crank	910 mm	510 mm	3033 200 301
F	S2000Plus/LF910	without gear	910 mm	510 mm	3033 200 302
H	S2000Plus/LH880	with gear, without crank	880 mm	460 mm	3032 200 121
H	S2000Plus/LH880	without gear	880 mm	460 mm	3032 200 122
H	S2000Plus/LH930	with gear, without crank	930 mm	510 mm	3032 200 101
H	S2000Plus/LH930	without gear	930 mm	510 mm	3032 200 103
K	S2000Plus/LK650	with gear, without crank	650 mm	340 mm	3032 200 181
K	S2000Plus/LK650	without gear	650 mm	340 mm	3032 200 182
K	S2000Plus/LK850	with gear, without crank	850 mm	550 mm	3032 200 201
K	S2000Plus/LK850	without gear	850 mm	550 mm	3032 200 203
K	S2000Plus/LK900	with gear, without crank	900 mm	550 mm	3032 200 191
K	S2000Plus/LK900	without gear	900 mm	550 mm	3032 200 192

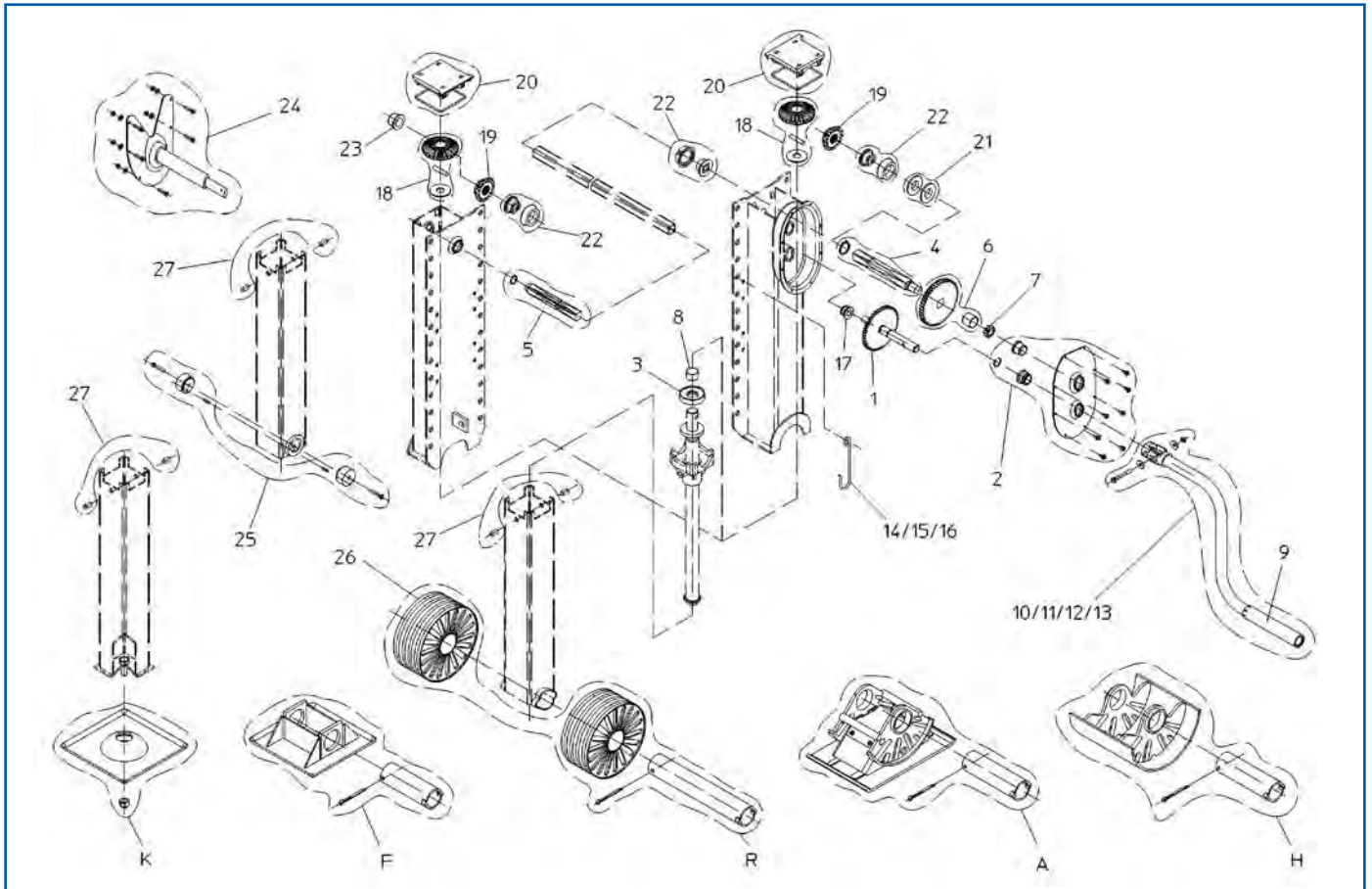
Landing legs

Load capacity/Set	24 t
Drawbar load/Set	50 t
Low L	1 mm
Overdrive	20 mm

A = compensating base, K=ball-shaped base



Base shape	Type	Version	Overall height	Stroke	Order no.
A	S2000Plus/LA830	with gear unit	830 mm	400 mm	9622 110 510
A	S2000Plus/LA830	without gear unit	830 mm	400 mm	9622 110 690
K	S2000Plus/LK800	with gear	800 mm	460 mm	9622 114 320
K	S2000Plus/LK800	without gear unit	800 mm	460 mm	9622 114 330



Service parts suitable for Hacon S2000-Plus

Fig.	Description	Length	Order no.
1	Crank drive		9621 244 540
2	Housing cover		9622 096 010
3	Thrust bearing		9620 000 017
4	Drive shaft, with gear unit		9622 096 020
5	Drive shaft, without gear unit		9622 096 030
6	Toothed wheel, large		9622 096 040
7	Toothed wheel, small		9621 244 550
8	Spindle bearing		9621 003 350
9	Crank sleeve		9620 100 525
10	Crank	285 mm	9620 000 012
11	Crank	350 mm	9622 061 360
12	Crank	445 mm	9620 201 538
13	Crank	535 mm	9620 000 008
14	Crank holder, suitable for crank length 285 mm		9622 010 030
15	Crank holder, suitable for Crank length 350 mm		9621 182 070
16	Crank holder, suitable for crank length 535 mm		9620 000 137
17	Bushing		9620 100 320
18	Bevel gear, large		9622 096 090
19	Bevel gear, small		9621 229 040
20	Protective cap		9622 096 100
21	Spacer washer, 2-piece		9622 096 110
22	Spindle bearing, complete		9622 096 120
23	Spindle bearing		9621 003 240

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Fig.	Description	Length	Order no.
24	On request		
25	Bracket		9622 096 150
26	Roller		9620 000 007
27	Bolt		9622 096 160
K	Supporting base		9620 000 015
F	Supporting base		9622 096 140
R	Supporting base		9620 202 195
A	Supporting base		9622 027 830
H	Supporting base		9620 113 420
	Connection shaft	1470 mm	9622 042 250

Landing legs for centre axle trailer

Type	S/VK mG 850
Version	with gearbox
Load capacity	12 t
Drawbar load	25 t
Low L	1 mm
Overdrive	20 mm
Stroke	550 mm
Overall height	850 mm

Order no.
9622 114 440



Landing legs for centre axle trailer

with counterplate

Type	S/DK870
Version	with gear
Drawbar load	20 t
Stroke	510 mm
Overall height	870 mm

Order no.
9620 000 013



Landing legs for centre axle trailer

with counterplate

Type	S/DK900
Version	without gear
Low L	6,13 mm
Stroke	510 mm
Overall height	900 mm

Order no.
9620 000 080



Landing legs for centre axle trailer

Type	S/DS615
Version	pivotable
Drawbar load	7 t
Stroke	300 mm
Overall height	600 mm

Order no.

9620 000 147



Landing legs for centre axle trailer

with bolt-on plate and counterplate loose

Type	S/DK870
Version	with gear
Drawbar load	20 t
Load capacity	10 t
Overall height	870 mm
Stroke	510 mm
Low L	1 mm
Overdrive	20 mm
Spindle thread	Tr 38x9,2 P4,6

Order no.

9620 205 626



Landing legs especially for rear support of silo vehicles

ball foot inclinable by 15° on all sides

Type	S/VK mG 750
Version	with gear
Overall height	750 mm
Stroke	410 mm
Low L	1 mm
Overdrive	20 mm

Order no.

9622 116 310



Spindle winch for height adjustment to the towing bar

Type	S/DZ600
Version	with crank locking
Load, perm.	2 t
Stroke	225 mm
Overall height	600 mm

Order no.

9622 056 420



3

Chassis

Landing legs

Type	SX
Version	without gear mechanism
Base shape	A
Height	460 mm

Order no.

Height, max.

750 mm

9620 008 001

800 mm

9620 008 000



Other design heights are available. Contact us!

Bodywork jack tested according to BGV D8

because of its low weight and built-on rubber tyred chassis it can easily be rolled to any location, safety is ensured by the large stable base plate

Type	1094.8
Top load	8 t
Claw load	7 t
Stroke	480 mm
Overall height	1200 mm

Application range

for lifting and supporting trucks, bodies, containers etc.

Order no.

9620 000 004



Accessories

Description

Rubber coating, non-slip

Order no.

9620 000 010

Axle stand adjustable

Version with rubber support
 Height 920/350 mm
 Force 210 N

static load 15 t
 foot 500 x 500 mm

3

Chassis

Order no.

9622 136 840



Unhitch support set

Type AX, for vehicles with air suspension

support jack and pendulum foot made of aluminium, thereby giving a considerable weight advantage, easy to operate, spring-loaded, undetachable load pins, exchangeable with conventional standard spindle supports

Drawbar load 20 t

Application range

suitable for steel and aluminium chassis

Overall height	Stroke	Order no.
795 mm	500 mm	9620 000 795
995 mm	450 mm	9620 000 995



JOST**Stabilising jack set
module B**

Version without foot and accessories
Fastening double plate

Type	Installation height	Stroke	Order no.
B0103000000	900 mm	560 mm	3013 103 000
B0203000000	850 mm	520 mm	3013 203 000
B0303000000	800 mm	470 mm	3013 303 000
B0403000000	750 mm	430 mm	3013 400 285
B0503000000	700 mm	400 mm	3013 503 000
B0603000000	650 mm	350 mm	3013 603 000



3

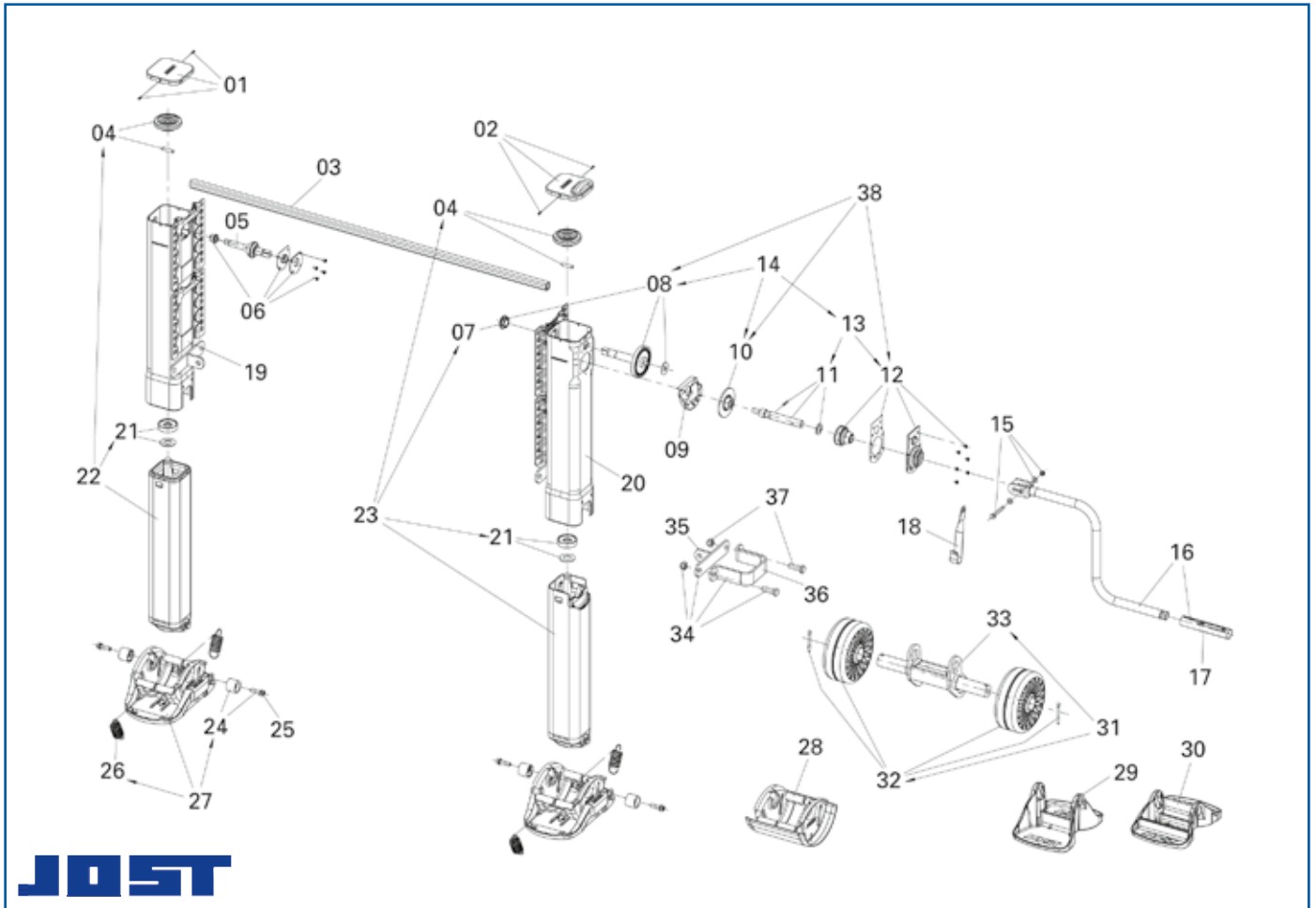
Chassis

JOST**Landing legs
module B, single**

Version without foot and crank
Fastening double plate

Type	Installation side	Installation height	Stroke	Order no.
B01030000	left	900 mm	560 mm	3013 103 002
B01030000	right	900 mm	560 mm	3013 103 001
B02030000	left	850 mm	520 mm	3013 203 002
B02030000	right	850 mm	520 mm	3013 203 001
B03030000	left	800 mm	470 mm	3013 303 002
B03030000	right	800 mm	470 mm	3013 303 001
B04030000	left	750 mm	430 mm	3013 400 287
B04030000	right	750 mm	430 mm	3013 400 286
B05030000	left	700 mm	400 mm	3013 503 002
B05030000	right	700 mm	400 mm	3013 503 001
B06030000	left	650 mm	350 mm	3013 603 002
B06030000	right	650 mm	350 mm	3013 603 001





Service parts suitable for Jost Module B

Fig.	Description	Length	Order no.
1	Cover, with bolts, left		3001 046 100
2	Cover, with bolts, right		3001 046 300
3	Connection shaft	1340 mm	3001 002 801
3	Connection shaft	1450 mm	3001 002 802
3	Connection shaft	1470 mm	3001 002 803
3	Connection shaft	1500 mm	3001 002 804
4	Bevel gear, with pin		3001 008 473
5	Drive shaft for bevel gear		3001 001 500
6	Storage		3000 146 200
7	Bearing		3001 008 120
8	Shaft with bearings		3001 100 553
9	Grease tub		3001 002 000
10	Toothed wheel		3001 100 540
11	Crank shaft		3001 046 500
12	Bearing bracket		3001 058 800
13	Crank shaft with bearing retainer		3001 100 552
14	Gear		3001 100 556
15	On request		
16	Stabilising jack crank	350 mm	3001 002 605
16	Stabilising jack crank	415 mm	3001 002 606
16	Stabilising jack crank	450 mm	3001 002 607
16	Stabilising jack crank	480 mm	3001 002 608

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Fig.	Description	Length	Order no.
17	Crank sleeve		3001 042 700
18	Crank mounting , suitable for 350 mm crank		3001 040 200
18	Crank mounting , suitable for 415-480 mm crank		3001 040 201
18	Crank mounting , suitable for 520-620 mm crank		3001 008 124
19	On request		
20	On request		
21	Axial bearing with disc		3001 100 555
22	On request		
23	On request		
24	Fastening set for supporting leg (Only for support winches to September 2009.)		3001 043 300
25	Screw for supporting leg		3001 046 700
26	Spring		3001 012 900
27	Supporting base 01, S-design		3001 002 600
28	Supporting base 02, A-design		3001 002 601
29	Supporting base 04, T-design		3001 002 603
30	Supporting base 06, TC-design		3001 002 598
31	Supporting base 03, R-design	1	3001 002 602
32	Supporting base with rollers and split pins	1	7772 712 070
33	Bracket for rollers	1	7772 712 080
34	On request		
35	Strut angle, loose		3001 002 811
36	Clamping device		3001 002 812
37	Thread		3001 008 307

¹ only for support winches to September 2009

JOST

Landing legs

L500

universal use, patented gear mechanism located inside

Stroke 450 mm
Installation height 800 mm



Version	Installation side	Order no.
with S-foot, double bolt-on plate, without gear mechanism	left	3001 500 801
with S-foot, double bolt-on plate, gear mechanism	right	3001 500 800



**Supporting base
for L500**

Base shape S



Order no.

3001 024 645

Accessories

Description

Order no.

Fastening set for supporting leg, 1 x socket and bolt (only for support winches from September 2009)

3001 043 301



**Landing legs
Module CI**

Base shape S
Stroke 430 mm
Installation height 750 mm



Type	Installation side	Order no.
CI 1042100L	left	3001 042 100
CI1042100R	right	3001 104 210

Accessories

Description

Order no.

Connection shaft, divided, Length 1840 mm

3001 202 000

**Landing legs
module CS**

Low L 0,9 mm
Overdrive 15 mm
Base shape T, rigid
Fastening continuous bolt-on plate
Version without crank

Application range

for rear support of silo semi-trailers

Type	Installation height	Stroke	Order no.
CS 1094700R	550 mm	280 mm	3013 010 947
CS 1064700R	650 mm	380 mm	3013 106 470

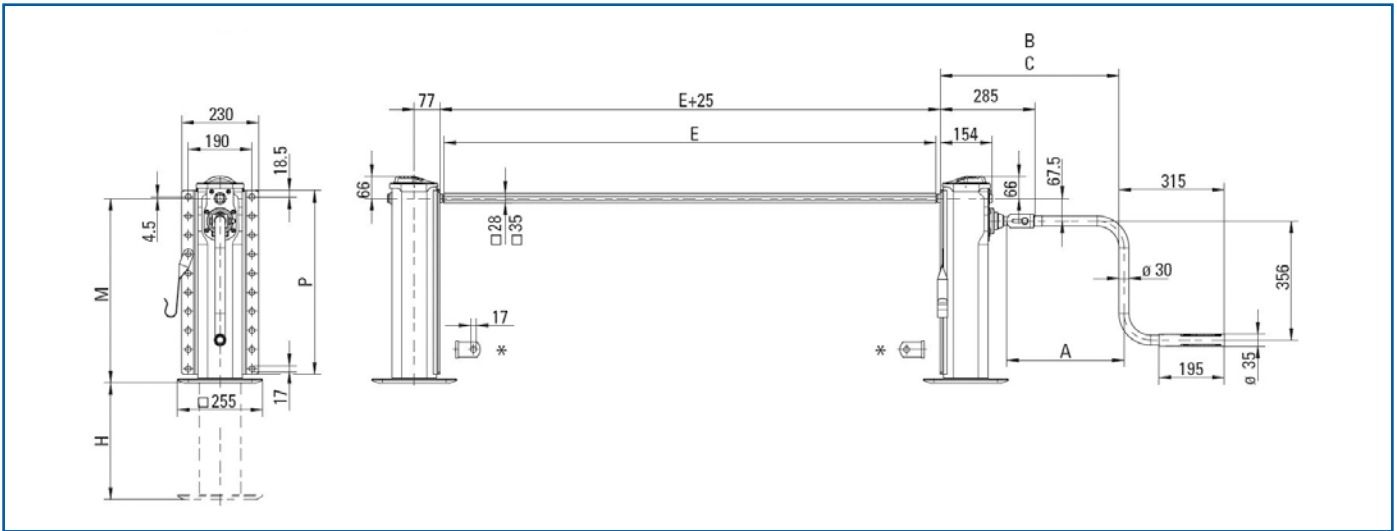


From One Source

Trust the Market Leader!

- **Wide range of products** for any truck or trailer application
- **With:** JOST axles – *Engineered by Mercedes-Benz*
- **Quality**, you can rely on





Stabilising jack set module CC

Type	CC109470000
Base shape	T, rigid
Installation height	550 mm
Stroke	350 mm
Load capacity	24 t
Drawbar load	50 t
Low L	0,9 mm
Overdrive	15 mm
Fastening	through bolt-on plate

Scope of supply
without crank and connection shaft

Order no.
3013 109 470



Landing legs module CC

Base shape	T, rigid
Fastening	continuous bolt-on plate

Type	Installation side	Installation height	Stroke	Order no.
CC 1084700L	left	600 mm	400 mm	8001 084 700
CC 1084700R	right	600 mm	400 mm	3013 108 470
CC 1094700L	left	550 mm	350 mm	3001 094 700
CC 1094700R	right	550 mm	350 mm	3361 094 700

On these pages we show you an extract from our comprehensive range of support winches and matching spare parts.

Support winches in further sizes as well as JOST modules of type CB, CD, CF, CH, CI, CK, CT, CW, CY and FS075 can be obtained from us on request.

EUROPART
GOOD TO KNOW

JOST**Connection shaft**

Length	Order no.
1470 mm	3001 002 803
1575 mm	3001 002 806
1700 mm	3001 002 809
1790 mm	3001 002 810

Further sizes available on request!

3

Chassis

JOST**Stabilising jack crank**Scope of supply
with crank retainer

This figure corresponds to 3001 002 605

Length	Order no.
350 mm	3001 002 605
520 mm	3001 002 609
570 mm	3001 008 302
620 mm	3001 008 303

**JOST****Tandem crank**

Version foldable

Order no.
3001 002 610

**JOST****Fastening set
for module**

Version	Scope of supply	Order no.
standard	with 28 bolts and nuts	3001 002 814
double plate	with 48 bolts and nuts	3001 002 815

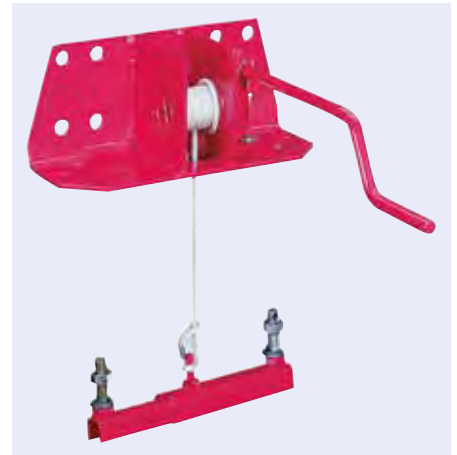


Spare wheel holder with integrated worm gear winch

suitable for Wheels with 10-hole rims with offset and 335 mm bolt circle diameter
Surface powder-coated

Scope of supply
with cable

Completely assembled



Version	Order no.
Set with adjustable clamping arm	9624 000 014
Set with rigid clamping arm	9622 057 800

Spare wheel holder with integrated worm gear winch

for mounting outside frame, inside frame and overhead, rigid or adjustable clamping arms

Surface powder-coated

Application range

suitable for all types of rim

Scope of supply

without cable and clamping arm



Order no.
9620 000 036

Accessories

Description	Order no.
Clamping arm, fixed, suitable for 10-hole rim with offset	9620 000 038
Clamping arm, adjustable, suitable for rims with offset	9620 000 037
Clamping arm, adjustable, suitable for rim with offset, for 170 mm intermediate ring	9620 000 056
Intermediate ring, suitable for wheels with 10-hole rims	9620 000 057

Spare wheel winch

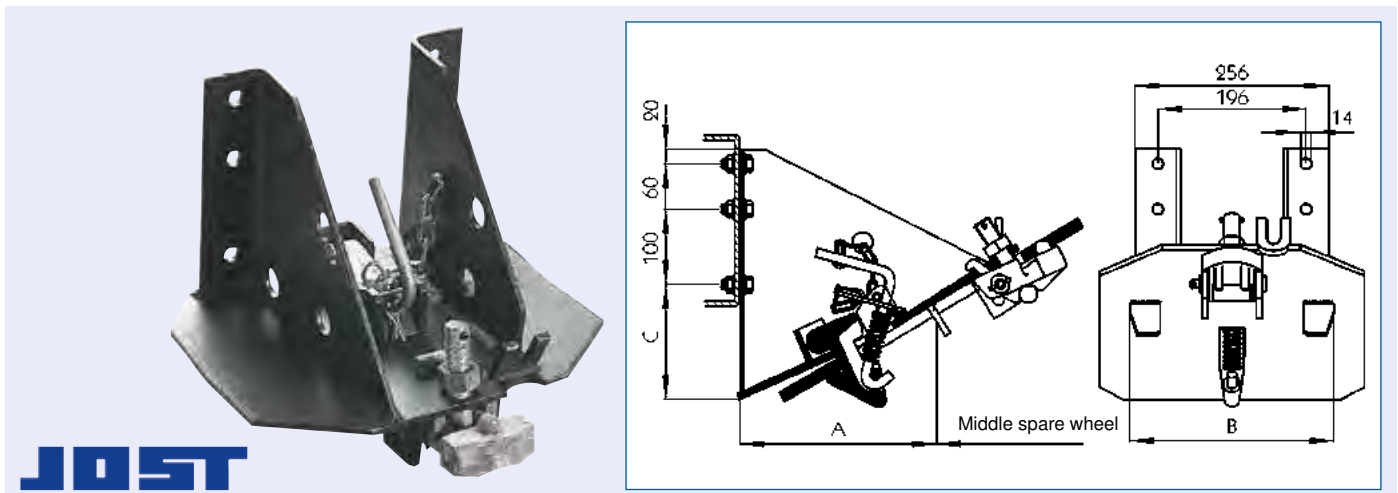
sturdy, easy to turn winch for handling truck spare tyres by one person, versatile installation, self-locking, splash water protected worm gear unit, for operation with steel or plastic cable



Version	Order no.
with fixed crank handle	9620 000 044
with folding crank handle	9620 000 043
with removable crank	9620 200 229

3

Chassis



Spare wheel holder

Version	ERH 10/335
Hole circle	335 mm
Rim thickness	max. 16 mm
A	~ 188 mm
B	270 mm
C	43 mm

Application range

for medium and heavy commercial vehicles

only for rims with offset

Order no.

9081 611 290

Underride protector

Only up to 10 t permitted total weight

Length	2300 mm
Width	85 mm
Height	253 mm
Material	steel
Surface	galvanised

Scope of supply

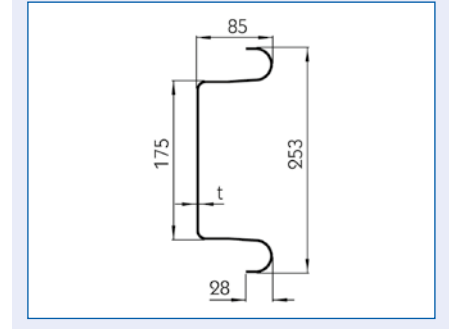
Without cover caps

This underrun protection profile is part of an underrun protection device which does not conform to the current directive 70/221/EEC. From 11.03.2010, the underrun protection device must not be mounted on commercial vehicles which are being registered for the first time.

Type	Thickness	Order no.
2325	2,5 mm	9085 611 330
2330	3,0 mm	9085 611 630

Accessories

Description	Order no.
Cover cap, PUR, black	9085 611 570
Cover cap, steel, galvanised	9085 611 660



Underride protector

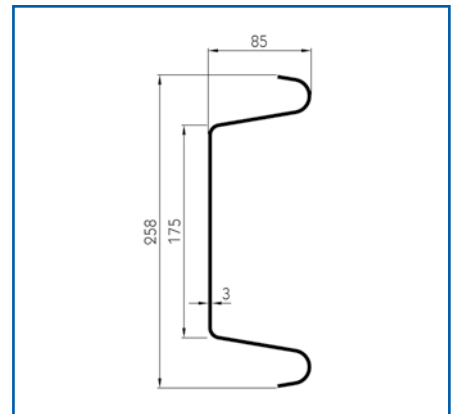
Type	2430	Thickness	3,0 mm
Version	pre-drilled	Material	steel
Length	2400 mm	Surface	powder painted
Width	85 mm	Colour	white
Height	258 mm		

Scope of supply

without cover caps

This underrun protection profile is part of an underrun protection device which does not conform to the current directive 70/221/EEC. From 11.03.2010, the underrun protection device must not be mounted on commercial vehicles which are being registered for the first time.

Order no.
9085 693 570



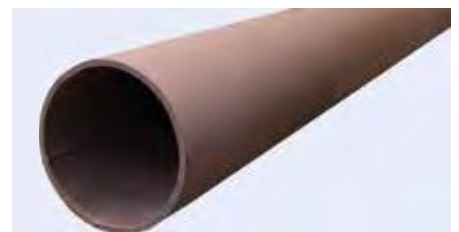
Underride protector

Type	2340
Length	2300 mm
Material	steel

Scope of supply

without fittings

Order no.
9085 614 590



Accessories

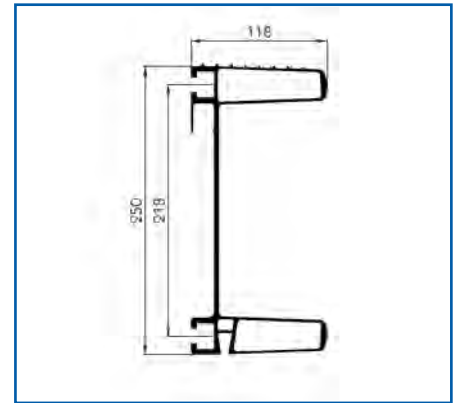
This figure corresponds to 9080 002 018

Description	Order no.
Cover cap, with reflector	9080 002 018
Bracket	9085 613 580

Underride protector

Length 2400 mm
 Width 118 mm
 Height 250 mm
 Material aluminium
 Surface anodised

When combined with the U-profile bracket (EUROPART No. 9085 630 470) or a DIN 1026-U 120-S235JRG2 U-profile, this underrun protection meets the current directive 70/221/EEC.



Version	Order no.
not pre-bored, unworked	9085 630 400
pre-drilled, fully worked	9085 630 480

Accessories

Description	Note	Order no.
Cover cap, PVC, black		9085 630 440
Attachment screw M12, square		9085 630 410
Bracket, DIN 1026-U 120, 500 mm		9085 630 470
Reinforcing panel	the reinforcement is required with a chassis frame minimum spacing up to 1250 mm	9085 630 420
Sign, 90 x 18 mm	the type plate is an obligatory requirement as part of the approval certificate for the underrun protection	9085 630 430



Underride protector

Type 2430
 Width 2400 mm
 Material steel
 Surface powder-coated
 Colour white
 Colour code RAL 9010

Scope of supply

complete with ASS 3 lighting set (clearance arm in LED)

Order no.
9085 633 550



Underride protector 2010 S

Width	2400 mm	Connection	LP 20
Voltage	24 V	Material	steel
Cable length	1500 mm	Colour code	RAL 9010

Scope of supply

2 x Europoint I tail light, 2 x Superpoint III LED clearance light, 2 x Regpoint number plate light, 1 x distributor, 2 x cover cap

approved for vehicles in accordance with ADR zone 2

Order no.

9080 563 355

Accessories

This figure corresponds to 9085 631 640

Description	Scope of supply	Order no.
Reinforcement bracket 2010 S, black, cataphoretic dip coated		9085 631 630
Screw set 2010 S, for reinforcement bracket	4 x pan head screw to ISO 7380 - M 12 x 25 16 x pan head screw to ISO 7380 - M 12 x 45 20 x hexagon nut with clamping part to DIN EN ISO 10511 - M 12 40 x washer to DIN EN ISO 7089 (former: DIN 125)-2 A B 13	9085 631 640



Underride protector

Version	with end caps
Width	2400 mm
Colour	grey

without TÜV acceptance

Order no.

9080 007 540

Underride protector with Europoint II tail light

Type	563040
Width	2400 mm
Voltage	24 V
Cable length	1500 mm
Connection	LP 20, cable 15-core
Material	aluminium
Surface	anodised

Scope of supply

2 x Europoint I tail lights, 2 x Superpoint III LED clearance lights, 2 x Regpoint number plate lights, 1 x distributor, plastic cover caps

approved for vehicles in accordance with ADR zone 2

Order no.

9085 632 600





Underride protector with Europoint II tail light

Type	563040	Connection	LP 20, cable 15-core
Width	2400 mm	Material	aluminium
Voltage	24 V	Surface	anodised
Cable length	1500 mm		

Scope of supply

2 x Europoint II tail lights, 2 x Superpoint III LED clearance lights, 2 x Regpoint number plate lights, 1 x distributor, plastic cover caps
approved for vehicles in accordance with ADR zone 2

Order no.

9085 632 610





Add-on parts

Side underrun protection	386–392
Mudguards.....	393–407
Rear apron/mudflaps	408, 409
Storage/tool box.....	410–416
Ladders and steps	417, 418
Fire extinguisher cabinets.....	419, 420
Add-on parts, general.....	421

Longitudinal profile set for side collision protection

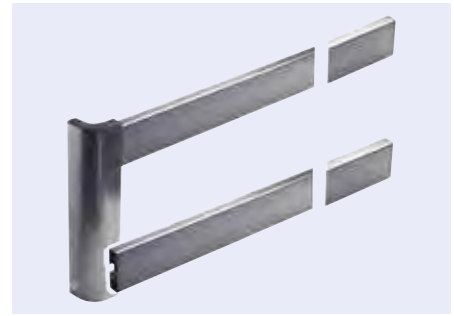
Length 3500 mm
Height 500 mm
Material aluminium

Scope of supply

4 longitudinal profiles, 4 rear end caps, 2 front end profiles, 8 clamping plates for mounting

Order no.

9080 003 968



Longitudinal profile for side collision protection

Width 30 mm
Height 100 mm
Material aluminium

Length	Order no.
2000 mm	9085 911 620
2500 mm	9085 911 513
3000 mm	9085 911 514
3500 mm	9085 911 515
3900 mm	9085 911 516
4000 mm	9085 911 517
6000 mm	9085 911 510



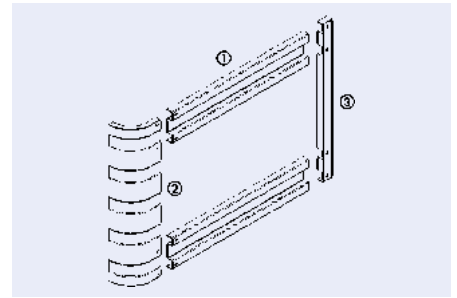
End profile

Description	Height	Fig.	Order no.
End profile, front, aluminium	100 mm	1	9085 911 521
End profile, front, aluminium	500 mm	1	9085 911 522
End profile, front, aluminium, anodised	500 mm	1	9085 911 523
End profile, front, aluminium	sold by the meter	1	9085 911 520
Cover cap, front, plastic		2	9085 612 270
Cover cap, rear, plastic		3	9085 612 260
Clamping piece, aluminium			9085 910 860

Longitudinal profile for side collision protection

Width 20 mm
Height 100 mm
Material steel
Surface galvanised

Length	Fig.	Order no.
3000 mm	1	9080 003 936
3500 mm	1	9080 003 937



Accessories

Description	Height	Illustration	Order no.
Cover cap, front	100 mm	2	9080 003 941
Cover cap, front	400 mm	2	9080 003 944
Cover cap, front	500 mm	2	9080 003 945
Cover cap, rear	100 mm	3	9080 003 946
Cover cap, rear	400 mm	3	9080 003 948
Cover cap, rear	500 mm	3	9080 003 949

Longitudinal profile for side collision protection

Length 6800 mm
Width 40 mm
Height 110 mm
Material aluminium
Surface anodised

Order no.
9080 001 840



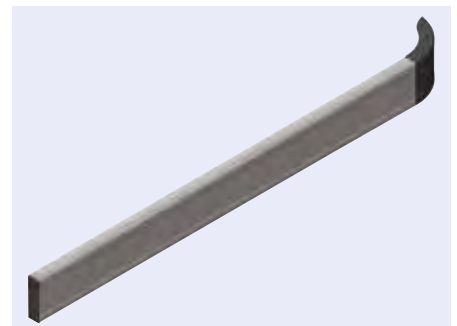
Accessories

Description	Order no.
Cover cap, front, left, rubber	9080 001 711
Cover cap, front, right, rubber	9080 001 712
Cover cap, rear, plastic	9080 001 812
Clamping piece, aluminium	9080 001 890
Retaining plate, aluminium	9080 001 850

Longitudinal profile for side collision protection

Width 30 mm
Height 100 mm
Material aluminium
Surface anodised

Length	Order no.
3200 mm	9080 010 000
3600 mm	9080 011 000
4000 mm	9080 012 000



Accessories

Description	Order no.
End cap for aluminium profile	9080 015 000
End cap for edge profile	9080 017 000
Edging	9080 016 000
Slide profile	9085 185 650

Accessories set for side collision protection

Thread M8
Width 18 mm
Length 40 mm
Height 8 mm
Material steel

Scope of supply

1 x threaded plate 40 x 18 x 8 mm, 1 x hexagon bolt M8 x 12 mm, 1 x U-washer 8.4 x 17 x 1.6 mm

	Order no.
	9080 018 000



Longitudinal profile for side collision protection

Length 3500 mm
Width 100 mm
Height 35 mm
Material plastic with zinc-plated steel core

This figure corresponds to 9080 001 007

Colour	Order no.
grey	9080 001 007
black	9080 010 120



Clamping piece for side collision protection

Length 32 mm
Width 24 mm
Height 29 mm

	Order no.
	9080 010 900

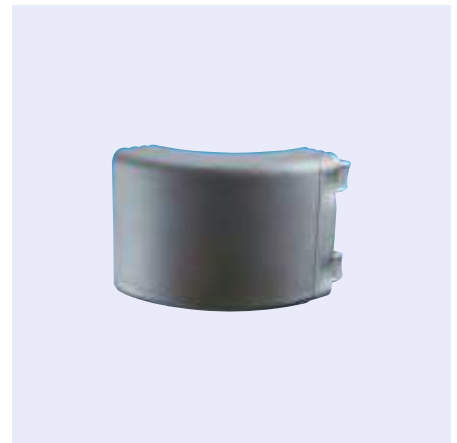


End profile for side collision protection

Installation location front
Installation side left/right
Length 140 mm
Width 100 mm
Material plastic

This figure corresponds to 9080 010 250

Height	Colour	Order no.
100 mm	grey	9080 010 250
100 mm	black	9080 010 260
400 mm	black	9080 010 360
500 mm	grey	9080 104 000
500 mm	black	9080 104 100

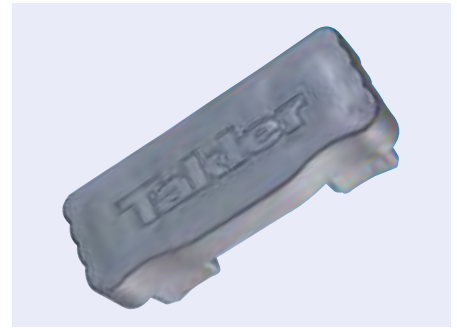


Cover cap for side collision protection, longitudinal profile

Length 106 mm
Width 44 mm
Height 40 mm
Material plastic

This figure corresponds to 9080 001 095

Colour	Order no.
grey	9080 001 095
black	9080 001 096



Screw set

Surface galvanised

Application range

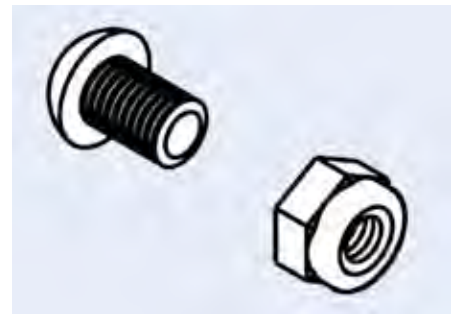
Securing the steel cover caps front/rear

Scope of supply

4 x mushroom-headed screw with inner hexagonal ISO 7380 M8 x 15, 4 x hexagonal nut DIN 985 M8-8

one set needed for each longitudinal profile

Order no.
9080 561 250



Bracket for side collision protection

Version adjustable, foldable
Width 46 mm
Depth 136 mm
Surface galvanised

Height	Order no.
572 mm	9080 003 012
735 mm	9080 003 017

Accessories

Description	Order no.
Socket pin, galvanised	9080 000 016



Retaining tube for side collision protection

for bolting or welding onto the web of the side member

Version with flange
Length 710 mm
∅ 40 mm
Crank 90 mm
Material steel
Surface galvanised

Order no.
9085 611 860

Accessories

Description	Order no.
Counterwasher	9085 612 330



Retaining tube for side collision protection

Version without flange
Length 680 mm
∅ 40 mm
Crank 90 mm
Material steel
Surface galvanised

Further fasteners/adapters can be slid onto the support tube from both sides, which is why the tube can also be installed when turned through 180°.

Order no.

9085 612 410



Clamping collar for side collision protection

to accept the support tube/U-profile

Height 235 mm
Material steel
Surface galvanised

Order no.

9085 611 871



Bracket U-profile, for side collision protection

Material steel
Surface galvanised

This figure corresponds to 9085 611 820

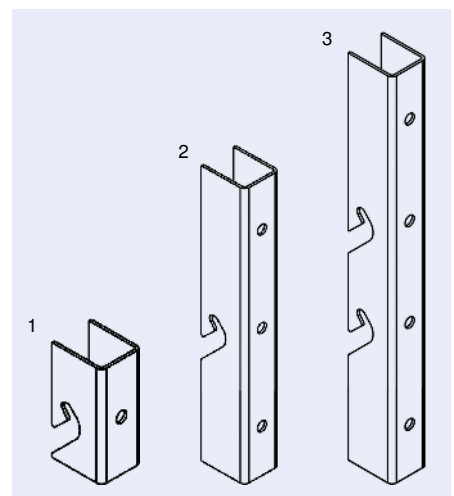
Height	Order no.
500 mm	9085 611 830
700 mm	9085 611 820
800 mm	9085 611 810
1000 mm	9085 611 800



Bearing part for side collision protection, detachable

for suspension of the boards of the side collision protection

Height 100 mm
Material steel
Surface galvanised

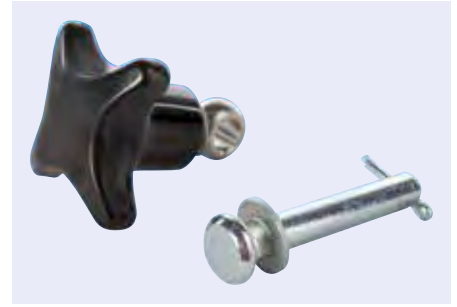


Height	No. of longitudinal profiles	Fig.	Order no.
100 mm	1	1	9085 612 240
300 mm	1-2	2	9080 003 930
500 mm	2	2	9080 003 931
700 mm	3	3	9080 003 928

Attachment kit for side collision protection

for securing the bracket

Material steel
Surface galvanised



Scope of supply

	Order no.
1 each of: eyebolt M10 x 40, washer M10, clevis pin and 3,2 x 20 split pin, spring washer M10, star knob M10	9080 003 927
4 each of: eyebolts M10 x 40, washers M10, clevis pins and 3,2 x 20 split pins, spring washers M10, star knobs M10	9080 003 926

Swivel adapter for side collision protection

Type 4000
Width 56 mm
Material steel
Surface galvanised



Order no.

9085 612 840

Swivel adapter with folding lock, for side collision protection

Type 3902
Width 63 mm
Height 140 mm
Material steel
Surface galvanised

Scope of supply

folding lock: star knob to DIN 6335, with M10 internal thread, round head screw DIN 603, M10 x 80, spring washer DIN 137-A10



Order no.

9085 612 850

Accessories

Description

Attachment kit: 4 linchpins 4,5 mm, 4 coupling pins 9 x 80, 8 security chains with screw-on plate and S-hook (approx. 200 mm long), 4 hexagon bolts DIN 931, M10 x 80, 4 hexagon nuts DIN 985, M10-8

Order no.

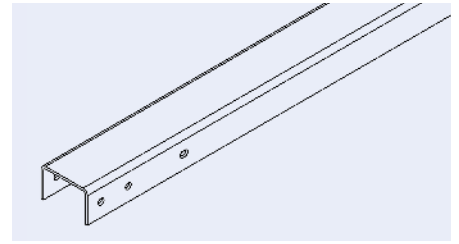
9085 612 310

Carrier**U-profile, for side collision protection**

Length 2300 mm
 Material steel
 Surface galvanised

Order no.

9085 612 420

**Clamping system****for U-beam on side collision protection**

Material steel
 Surface galvanised

Scope of supply

1 clamping plate (lower part), 1 clamping plate (upper part), 1 safety plate, 2 hexagon bolts DIN 931, M16 x 110, 2 hexagon nuts DIN 985, M16

Order no.

9085 613 760

**Angle brackets****for side collision protection**

when directly mounting on a crossmember, can be welded in place as an alternative to bolting, using a continuous bead length of at least 4 x 25 mm

Material steel
 Surface galvanised

This figure corresponds to 9080 003 910

Installation side	Scope of supply	Order no.
left	without mounting components	9085 611 780
right	without mounting components	9085 611 790
left	with mounting components	9080 003 910
right	with mounting components	9080 013 910

**Clamping cheek****for side collision protection**

Version 2-sided, 5-8/8-12 mm
 Material steel
 Surface galvanised

Order no.

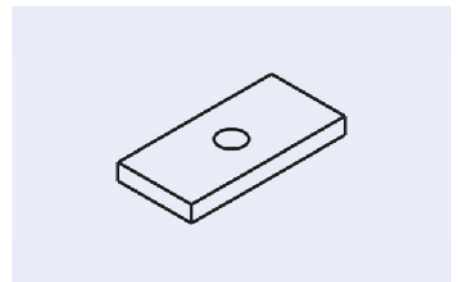
9085 612 390

**Reinforcing panel****for side collision protection**

Length 94 mm
 Width 45 mm
 Height 10 mm
 Material steel
 Surface galvanised

Order no.

9085 612 430



Wing short

Version with side reflector
 Material plastic

Width	Length	Radius	Order no.
650 mm	800 mm	700 mm	9091 835 000
690 mm	700 mm	670 mm	9091 869 070



Wing Parlok, White Line, short

Material plastic



Width	Length	Radius	Clamping width	Order no.
405 mm	700 mm	635 mm	640 mm	9090 840 638
430 mm	650 mm	650 mm	630 mm	9370 843 684
430 mm	700 mm			9090 843 685
450 mm	700 mm	650 mm	650 mm	9085 070 005
500 mm	650 mm	500 mm	600 mm	9090 855 501
550 mm	650 mm	550 mm	610 mm	9370 005 072
600 mm	650 mm	580 mm	610 mm	9370 005 075
600 mm	700 mm	670 mm		9090 860 584
650 mm	650 mm	630 mm	630 mm	9085 020 071
650 mm	700 mm			9090 865 634
670 mm	700 mm	670 mm	630 mm	8052 110 269



Wing short

Material plastic

Type	Width	Length	Radius	Clamping width	Order no.
L-PE 27.580.06	270 mm	600 mm	660 mm	580 mm	9083 751 140
L-PE 40.670.07	400 mm	700 mm	670 mm	670 mm	9093 750 330
L-PE 45.650.07	450 mm	700 mm	670 mm	670 mm	9090 445 071
L-PE 55.670.07	550 mm	700 mm	650 mm	650 mm	9090 008 352
L-PE 65.670.07	650 mm	700 mm	670 mm	670 mm	9083 751 180

Wing short

Version with integral brackets
Material plastic



Type	Width	Length	Radius	Clamping width	Order no.
L-PE 27.580.06-IKK	270 mm	600 mm	660 mm	580 mm	9090 008 333
L-PE 35.685.07-IKK	350 mm	720 mm	650 mm	685 mm	9092 135 070
L-PE 40.670.07-IKK	400 mm	700 mm	670 mm	670 mm	9091 021 407
L-PE 40.670.07-IKK MS	400 mm	700 mm	670 mm	670 mm	¹ 9083 751 640
L-PE 40.670.07-IKK SL	400 mm	700 mm	670 mm	670 mm	² 9094 067 000
L-PE 40.795.09-IKK	400 mm	840 mm	670 mm	795 mm	9083 751 650
L-PE 45.670.07-IKK	450 mm	700 mm	670 mm	670 mm	8000 003 552
L-PE 55.740.08-IKK	550 mm	810 mm	500 mm	740 mm	9083 751 680
L-PE 60.600.06-IKK	600 mm	620 mm	640 mm	600 mm	9090 216 006
L-PE 65.670.07-IKK	650 mm	700 mm	670 mm	670 mm	9083 751 700

¹ with reflector

² with rain flaps

Wing short

Version with welded-on brackets
Material plastic



Type	Width	Length	Radius	Clamping width	Order no.
L-PE 50.660.07-KK	500 mm	700 mm	560 mm	660 mm	9090 150 070
L-PE 55.670.07-KK	550 mm	700 mm	650 mm	650 mm	9090 008 353
L-PE 67.615.06-KK	670 mm	640 mm	640 mm	615 mm	9083 751 750

Wing Hansa

Type	H-PE 26.800.13/12 (H 2613/12K)
Length	1280 mm
Width	260 mm
Height	415 mm
Radius	400 mm
Clamping width	800 mm
Colour	black
Material	polyethylene
Surface	with 2 seams

Order no.

9083 751 740



4

Add-on parts

Wing Parlok, White Line

with 42 mm brackets

Width	430 mm
Material	plastic

Length	Radius	Order no.
1900 mm	635 mm	8052 126 190
2125 mm	650 mm	9043 021 256



Wing semi-circle

Material plastic



Type	Width	Length	Radius	Clamping width	Order no.
H-PE 30.1120.17	300 mm	1710 mm	560 mm	1120 mm	9090 330 170
H-PE 40.900.15	400 mm	1470 mm	450 mm	900 mm	9083 751 110
H-PE 40.1280.20	400 mm	2010 mm	640 mm	1280 mm	9090 970 250
H-PE 40.1340.21	400 mm	2100 mm	670 mm	1340 mm	9083 751 120
H-PE 45.900.15	450 mm	1500 mm	450 mm	900 mm	9090 451 510
H-PE 45.1300.19	450 mm	2010 mm	640 mm	1280 mm	9083 750 690
H-PE 45.1300.21	450 mm	2010 mm	640 mm	1280 mm	9083 750 500
H-PE 48.1020.17	480 mm	1650 mm	510 mm	1020 mm	9083 750 180
H-PE 51.1020.17	510 mm	1680 mm	510 mm	1020 mm	9083 751 360
H-PE 53.1130.17	530 mm	1680 mm	565 mm	1130 mm	9090 353 170
H-PE 55.1000.17	550 mm	1640 mm	500 mm	1000 mm	9083 750 510
H5817K	580 mm	1700 mm			9090 058 170
H-PE 60.1100.18	600 mm	1800 mm	550 mm	1100 mm	9083 750 520
H-PE 61.1320.21	610 mm	2070 mm	660 mm	1320 mm	9090 361 210
H-PE 65.1100.18	650 mm	1800 mm	550 mm	1100 mm	9083 750 530
H-PE 65.1300.19	650 mm	1900 mm	650 mm	1300 mm	9090 365 190
H-PE 65.1300.21	650 mm	2070 mm	650 mm	1300 mm	9090 365 210
H-PE 67.1380.21	670 mm	2070 mm	690 mm	1380 mm	9083 750 230
H-PE 70.1100.18	700 mm	1830 mm	550 mm	1100 mm	9083 522 320
H-PE 70.1340.21	700 mm	2105 mm	670 mm	1340 mm	9090 070 210

Wing semi-circle

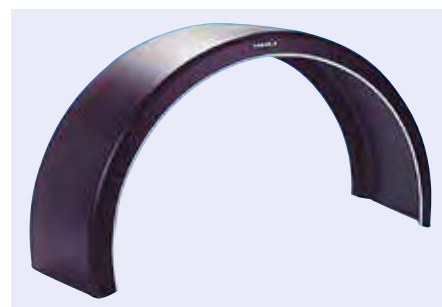
Length 2273 mm
 Radius 660 mm
 Version with side reflectors
 Material plastic



Width	Order no.
440 mm	9091 744 230
650 mm	9091 765 230
680 mm	9091 768 230

Wing Parlok, White Line, semi-circle

Material plastic



Width	Length	Height	Radius	Clamping width	Order no.
405 mm	1900 mm	595 mm	635 mm	1270 mm	9370 840 635
430 mm	1900 mm	580 mm	650 mm	1300 mm	9090 843 681
430 mm	2125 mm		650 mm		9043 021 255
430 mm	2175 mm	720 mm	650 mm	1300 mm	9090 843 680
450 mm	1300 mm	410 mm	420 mm	840 mm	9090 845 420
450 mm	1900 mm	580 mm	650 mm	1300 mm	9090 125 190
450 mm	2100 mm	680 mm	650 mm	1300 mm	9090 125 210
480 mm	1800 mm	580 mm	580 mm	1160 mm	9090 848 580
500 mm	1600 mm	500 mm	500 mm	1000 mm	9370 850 500
500 mm	1700 mm	550 mm	500 mm	1000 mm	9090 850 503
510 mm	1770 mm	560 mm	450 mm	1050 mm	9370 850 000
550 mm	1700 mm	550 mm	500 mm	1000 mm	9090 023 171
550 mm	1700 mm	530 mm	550 mm	1100 mm	9090 855 551
595 mm	1700 mm	530 mm	550 mm	1100 mm	9370 859 550
600 mm	1850 mm	595 mm	580 mm	1160 mm	9370 860 581
600 mm	2050 mm	695 mm	580 mm	1160 mm	9090 860 580
630 mm	1650 mm	495 mm	580 mm	1150 mm	9370 863 580
650 mm	1900 mm	590 mm	630 mm	1260 mm	9090 865 631
650 mm	2175 mm	730 mm	630 mm	1260 mm	9090 865 629
670 mm	2090 mm	660 mm	670 mm	1340 mm	9370 867 671
670 mm	2125 mm				9067 021 256
680 mm	1900 mm	590 mm	630 mm	1260 mm	9370 868 631

Wing Smart Fix

Length 1900 mm
Width 430 mm
Radius 650 mm
Material plastic

Order no.
9043 019 006



Wing

Version with integral brackets
Material plastic



Type	Width	Length	Height	Radius	Order no.
H-PE 40.1160.20-IKK	400 mm	1940 mm	640 mm	580 mm	9090 008 263
H-PE 40.1280.20-IKK	400 mm	2010 mm	640 mm	640 mm	9090 970 254
H-PE 40.1300.21-IKK	400 mm	2100 mm	680 mm	650 mm	9083 751 470
H-PE 41.1280.20-IKK	410 mm	2000 mm	640 mm	635 mm	9090 124 121
H-PE 45.1280.20-IKK	450 mm	2010 mm	640 mm	640 mm	9083 751 490
H-PE 45.1280.20-IKK	450 mm	2010 mm	640 mm	640 mm	9090 008 275
H-PE 45.1300.21-IKK	450 mm	2100 mm	650 mm	680 mm	9083 751 500
L-PE 48.6550.7 IKK	480 mm	700 mm			9090 008 070
H-PE 48.1060.17-IKK	480 mm	1650 mm	640 mm	530 mm	9090 008 281
H-PE 51.1060.17-IKK	510 mm	1650 mm	520 mm	530 mm	9083 751 510
H-PE 55.1060.17-IKK	550 mm	1650 mm	520 mm	530 mm	9090 125 517
H-PE 60.1140.18-IKK	600 mm	1750 mm	550 mm	570 mm	9090 126 018
H-PE 61.1300.21-IKK	610 mm	2100 mm	680 mm	650 mm	9083 751 560
H-PE 65.1300.21-IKK	650 mm	2100 mm	680 mm	650 mm	9083 751 590
H-PE 65.1140.18-IKK	650 mm	1750 mm	550 mm	570 mm	8000 000 266
H-PE 65.1300.19-IKK	650 mm	1900 mm	580 mm	650 mm	9083 751 800
H-PE 67.1380.21-IKK	670 mm	2100 mm	655 mm	690 mm	9090 126 721

Wing semi-circle

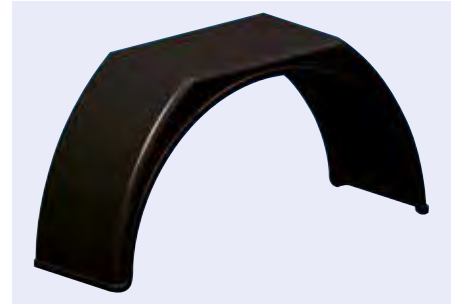
Version KK, with welded-on brackets
Material plastic



Type	Length	Width	Height	Radius	Clamping width	Order no.
H-PE 30.1120.17-KK	1700 mm	300 mm	540 mm	560 mm	1120 mm	9090 008 257
H-PE 70.1260.20-KK	1980 mm	700 mm	630 mm	630 mm	1260 mm	9090 270 200

Wing with flat centre section

Material plastic



Type	Width	Length	Height	Central piece	Clamping width	Order no.
Parlok Flat Top	260 mm	1300 mm	440 mm	400 mm	840 mm	8052 026 565
Parlok Flat Top	260 mm	1570 mm	480 mm	500 mm	900 mm	9370 005 070
H-PE 45.860.14E	450 mm	1500 mm	425 mm	400 mm	860 mm	9090 045 141
Parlok Flat Top	450 mm	1570 mm	480 mm	440 mm	900 mm	9090 025 137
H-PE 45.1000.17 EMS	450 mm	1680 mm	520 mm	520 mm	980 mm	9083 751 260
HM 5117 K	510 mm		560 mm	510 mm	1000 mm	9083 750 270
H-PE 55.1105.19 E	550 mm	1870 mm	550 mm	650 mm	1150 mm	9083 750 550

¹ with integral side reflector

Wing set

Length 1900 mm
 Width 650 mm
 Radius 630 mm
 Clamping width 1260 mm
 Material plastic
 Installation side left/right

Version	Order no.
6-piece	9090 020 095



Wing

Width 490 mm
 Material plastic

Version	Length	Order no.
short	412 mm	9090 049 040
long	608 mm	9090 049 060



This figure corresponds to 9098 452 100

Accessories

Description	Order no.
Clamping collar, Ø 42 mm	9090 844 210
Clamping collar, Ø 52 mm	9098 452 100



Wing

Vario, with mud flaps

good flexibility in cold, UV resistant, high tear strength

Width 490 mm
 Length 608 mm
 Material polyethylene

length incl. mud flaps 984 mm

Scope of supply

w/o brackets

Order no.

9090 970 429

This figure corresponds to 9098 452 100

Accessories

Description	Order no.
Clamping collar, Ø 42 mm	9090 844 210
Clamping collar, Ø 52 mm	9098 452 100

Wing apron short

Width 450 mm
 Height 640 mm
 Depth 130 mm
 Material plastic

Order no.

9090 970 420





Wing

Material plastic

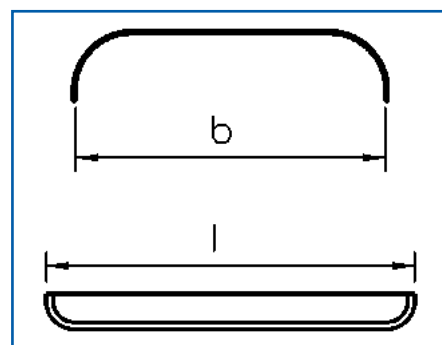
Width	Length	Fig.	Order no.
440 mm	636 mm	1	7772 915 380
440 mm	640 mm		7771 009 977
440 mm	726 mm	2	7772 915 330
450 mm	600 mm	3	7772 915 970
450 mm	640 mm	4	7772 915 800

Wing

straight central part

Material plastic

Width	(b)	Length	(l)	Order no.
400 mm		930 mm		9090 409 400
450 mm		900 mm		9090 045 900

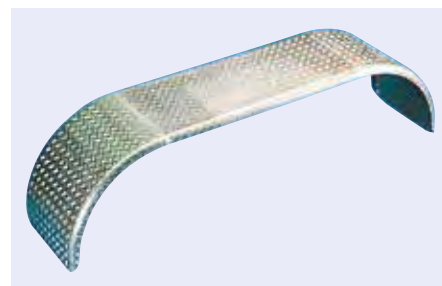


Wing

double axle mudguard

Length 3600 mm
 Width 650 mm
 Radius 650 mm
 Clamping width 2700 mm
 Material aluminium, chequer plate

Order no.
9091 865 360



Wing

Parlok White Line, double axle mudguard

Width 430 mm
Height 70 mm



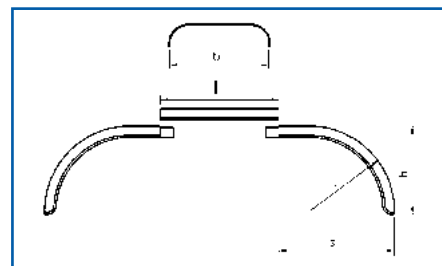
This figure corresponds to 9080 304 417

Version	Installation location	Length	Radius	Order no.
End piece	rear left, front right	2120 mm	650 mm	9080 304 417
End piece	rear right, front left	2120 mm	650 mm	9080 304 416
Central piece	rear, left/right	1000 mm		9090 304 411

Wing

double and triple axle wings

Material plastic

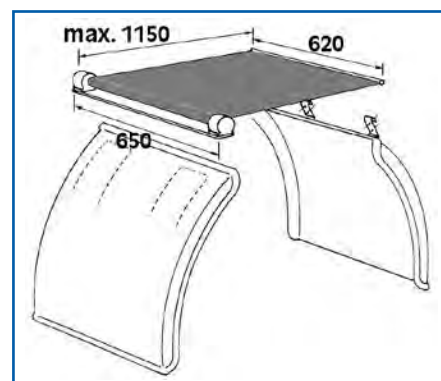


Type	Version	Length	(l)	Width	(b)	Height	(h)	Radius	(r)	Clamping width	(s)	Order no.
DE-PE 4519	end piece	1800 mm		450 mm		770 mm		670 mm		1370 mm		9090 451 910
DE-PE 6519	end piece	1840 mm		650 mm		770 mm		670 mm		1370 mm		9090 651 910
DM-PE 4515	Central piece	1480 mm		450 mm								9090 345 150
DM-PE 6515	central piece	1500 mm		650 mm								9090 651 510

Wing blind

for 3-part combinations

Scope of supply
with 2 counterholds and aluminium fixing rail



Order no.

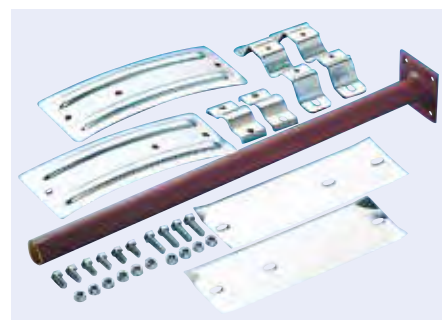
9083 810 840

Wing bracket

for metal, rubber and plastic wings with a radius of 600-700 mm

Scope of supply
complete brackets (325 x 130 mm), 700 mm long support tube with screw-on plate, clamps and bolts

Pipe \varnothing	Order no.
40 mm	9090 007 100
50 mm	9090 007 000



Wing bracket

Pipe \varnothing 40 mm

Scope of supply

complete brackets (325 x 130 mm), 700 mm long support tube with screw-on plate and clamps



Order no.

9090 006 000

Support tube for wing bracket

Length 700 mm

Version	\varnothing	Order no.
without plate	40 mm	9090 001 001
with plate to bolt on	40 mm	9090 001 000
with plate to bolt on	51 mm	9090 001 100



Support tube for mudguard bracket

Version straight

Length 800 mm

\varnothing 40 mm

Scope of supply

with accessories



Order no.

5311 381 530

Support tube for mudguard bracket

Version offset

Length 700 mm

\varnothing 40 mm

Surface galvanised

Scope of supply

without fittings



Order no.

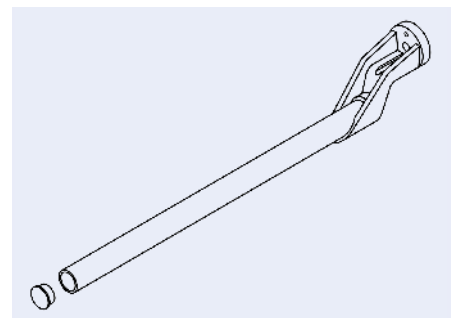
9090 010 091

Support tube for wing bracket

Version with flange

Length 830 mm

\varnothing 42 mm



Order no.

9083 813 240

Support tube for wing bracket

Version offset
 ∅ 40 mm
 Thickness 4 mm

This figure corresponds to 9083 815 430

Surface	Length	Order no.
galvanised	800 mm	9083 815 430
primed	826 mm	9083 812 540



Accessories set for support tube

central bolt M16 x 50, washer and end cap

Order no.
9083 813 700



End cap

suitable for 51 mm support tube
 Material plastic

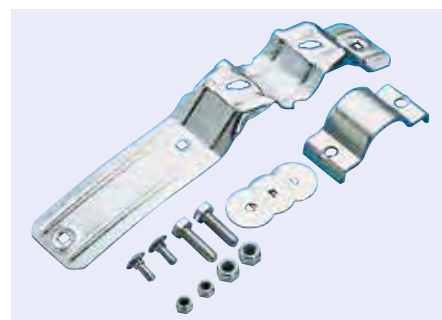
Order no.
9083 810 480



Wing bracket

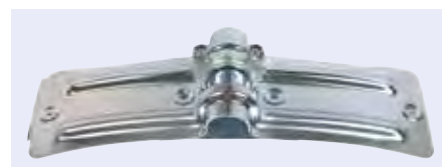
Length 340 mm
 Radius 600-700 mm

Pipe ∅	Order no.
40 mm	9090 004 200
50 mm	9090 004 100



Mounting console complete, without support tube

Order no.
9090 002 000



Console for wing bracket type 400

Length 450 mm
Width 115 mm
Radius 660 mm
Pipe \varnothing 40 mm

Order no.

9083 810 760

Accessories

Description

Order no.

Striker plate, single

9083 810 700



Console for wing bracket type 500

Length 450 mm
Width 115 mm
Radius 660 mm
Pipe \varnothing 50 mm

Order no.

9083 811 220

Accessories

Description

Order no.

Striker plate, single

9083 810 700

Bracket, complete, galvanised, 2 M10 nuts, fixing strap

9083 811 240



Wing bracket for mudguard radius R 500

Type KS-R 500
Pipe \varnothing 40-42,5 mm
Length 232 mm
Width 40 mm
Thickness 5 mm
Distance between holes 203 mm
Surface galvanised

Order no.

9083 812 830



Console for wing bracket

Type KS-R500
Pipe \varnothing 40-42,5 mm
Wing radius 500 mm
Length 350 mm
Surface galvanised

Scope of supply
with clamp

Order no.

9083 812 820



**Console
for wing bracket**

Type KS-R650
 Pipe Ø 40-42,5 mm
 Wing radius 650 mm
 Length 350 mm
 Surface galvanised

Scope of supply
 with upper part and clamp

Order no.
9083 812 850



4
Add-on parts

**Console
for wing bracket**

suitable for tube Ø 40/42,4 and 50/51 mm, mudguard radius from 600-700 mm
 Version long
 Length 340 mm
 Surface galvanised

Description	Fig.	Order no.
Console	1	9083 811 050
Upper clamp, Pipe Ø 40 mm	2	9083 810 820
Upper clamp, Pipe Ø 51 mm	2	9083 810 810



**Console
MR 42, for mudguard bracket**

Version adjustable
 Length 305 mm
 Radius 5007-700 mm
 Material plastic

Order no.
9095 039 700

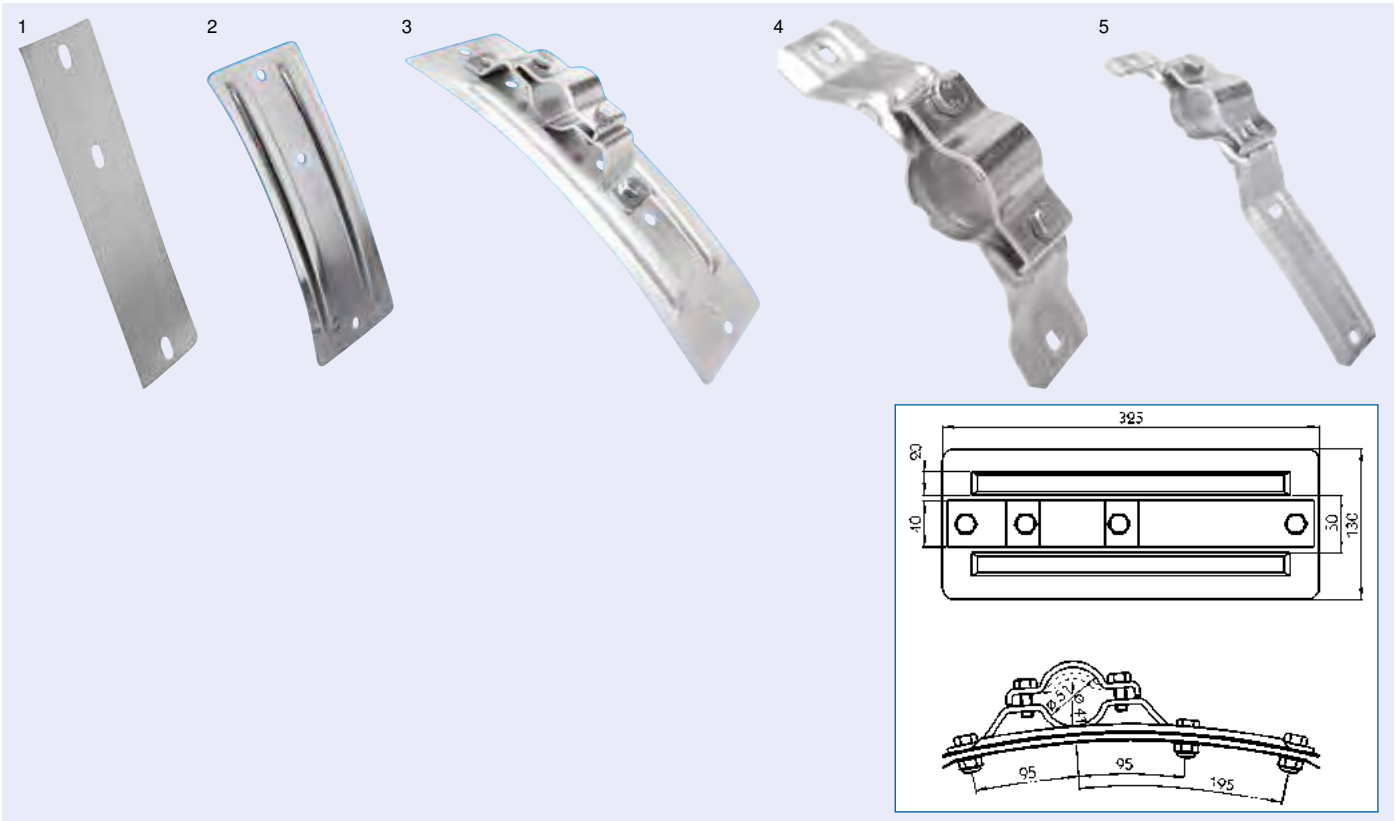


**Mounting console
for wing bracket**

suitable for tube Ø 40 mm, mudguard radius from 600-700 mm

Order no.
9084 065 220





Wing bracket Type 40/50

Description	Version	Fig.	Order no.
Striker plate	Type A, with turned edges, galvanised, 100 x 330 mm	1	9083 810 780
Ribbed circular blank	bracket 660 mm radius, type A, 130 x 325 mm	2	9083 810 790
Double bracket	with thread, galvanised	3	9083 810 800
Upper clamp	for 40 mm support tube = Type 40, galvanised	4	9083 810 820
Upper clamp	for 51 mm support tube = Type 50, galvanised	5	9083 810 810

Wing bracket set

Material plastic

Pipe Ø	Order no.
40 mm	9090 406 600
50 mm	9090 506 600



Wing bracket VR

consisting of upper and lower part

Version steplessly adjustable
 Length 340 mm
 Adjustment range 150 mm
 Wing radius 500-700 mm
 Surface galvanised

Type	Pipe Ø	Order no.
VR 40	40 mm	9092 900 049
VR 42.4	42,4 mm	9092 900 050



Clamping collar

suitable for IKK wing (integral brackets)

Ø	Order no.
42 mm	9090 844 210
52 mm	9098 452 100



Clamping collar

suitable for KK wing (welded-on brackets)

Ø	Order no.
42 mm	9090 844 200
52 mm	9098 452 000



Pipe clip for sprayed mudguard

Pipe Ø	Order no.
42 mm	9090 844 220
52 mm	9098 452 200

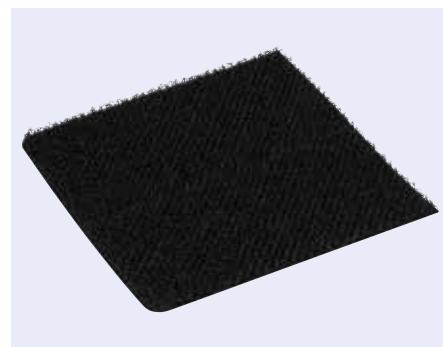


Spray protection mat for suppression of overspray

Length 700 mm
Colour black

meets EEC directive 91/226

suitable for	Width	Order no.
wing width 400-440 mm	380 mm	9090 008 392
wing width 450-490 mm	430 mm	9090 008 393
wing width 500-540 mm	480 mm	9090 008 394
wing width 670-700 mm	650 mm	9090 008 397



Spray protection mat for suppression of overspray

Colour black

Width	Length	Order no.
390 mm	765 mm	9080 050 248
440 mm	1000 mm	9080 050 249
590 mm	900 mm	9080 050 250
640 mm	1050 mm	9080 990 966
690 mm	1100 mm	9080 050 251

Accessories

Description	Order no.
Accessories set, 10 x plastic nuts, 10 x bolts	9089 901 780





Mud flap with EUROPART logo

with reinforced edges and vertical ribbing

Scope of supply

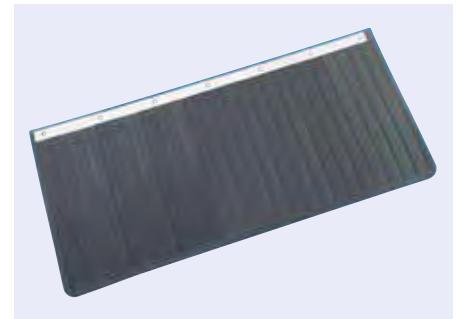
with attachment material



Width	Height	Distance between holes	Number of holes	Order no.
260 mm	260 mm	100 mm	2	9080 026 261
300 mm	300 mm	110 mm	3	9080 030 301
350 mm	300 mm	100 mm	4	9080 035 301
400 mm	300 mm	110 mm	4	9080 040 301
400 mm	400 mm	110 mm	4	9080 040 401
450 mm	300 mm	100 mm	5	9080 045 301
450 mm	400 mm	100 mm	5	9080 045 401
500 mm	300 mm	100 mm	5	9080 050 301
500 mm	400 mm	110 mm	5	9080 050 401
550 mm	300 mm	100 mm	6	9080 055 301
600 mm	300 mm	110 mm	7	9080 060 301
600 mm	400 mm	110 mm	7	9080 060 401
650 mm	300 mm	110 mm	7	9080 065 301
650 mm	400 mm	100 mm	7	9080 065 401

Mud flap

Scope of supply
with fixings



Width	Height	Distance between holes	Number of holes	Order no.
260 mm	260 mm	100 mm	2	9083 810 090
300 mm	300 mm	110 mm	3	9083 810 100
350 mm	300 mm	100 mm	4	9083 810 110
400 mm	300 mm	110 mm	4	9083 810 120
400 mm	400 mm	110 mm	4	9083 810 130
450 mm	300 mm	100 mm	5	9083 810 150
450 mm	400 mm	100 mm	5	9083 810 160
500 mm	300 mm	100 mm	5	9083 810 170
500 mm	400 mm	110 mm	5	9083 810 180
550 mm	300 mm	100 mm	6	9083 810 190
600 mm	300 mm	110 mm	7	9083 810 220
600 mm	400 mm	110 mm	7	9083 810 230
650 mm	300 mm	110 mm	7	9083 810 250
650 mm	400 mm	100 mm	7	9083 810 260



Rear apron for underbody protection

with EUROPART logo and traffic symbols

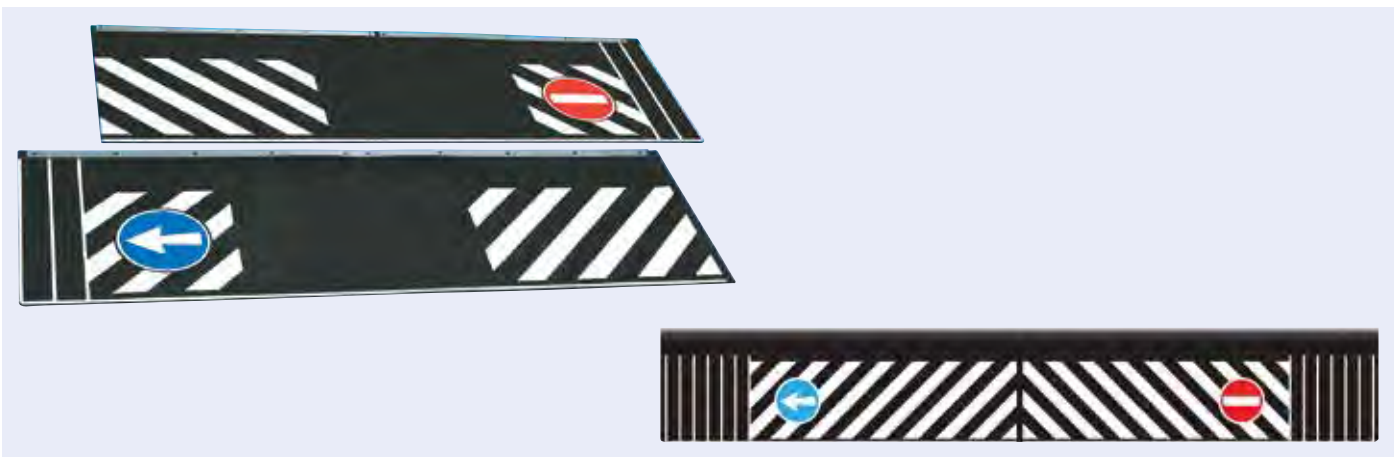
Version 2-part
Width 2400 mm
Height 380 mm
Hardness 85° Shore
Material PVC

Scope of supply

complete with fastening material

Order no.

9193 190 001



Rear apron for underbody protection

neutral, with traffic symbols

Width 2400 mm
Height 380 mm
Material PVC

Scope of supply

complete with fastening material

Version

Order no.

1-piece

9193 190 006

2-piece

9193 190 000



Toolbox

Material polypropylene

This figure corresponds to 3002 412 017

Width x height x depth	Size	Order no.
410 x 340 x 348 mm	1	3002 412 017
480 x 400 x 400 mm	2	3002 412 016
630 x 450 x 480 mm	3	3002 412 014
830 x 500 x 470 mm	4	3002 412 012
1030 x 500 x 450 mm	5	3002 412 010
1250 x 520 x 500 mm	6	3002 412 018



Accessories

Description	suitable for sizes	Order no.
Bracket set, vertical, hot-galvanised, incl. mounting kit	1/2	3001 468 000
Bracket set, vertical, hot-galvanised, incl. mounting kit	3/4/5/6	3001 468 020
Bracket set, horizontal, hot-galvanised, incl. mounting kit	1/2	3001 468 210
Bracket set, horizontal, hot-galvanised, incl. mounting kit	3/4/5/6	3001 468 230
Locking, Europlex	1	3002 412 005
Fastener, Europlex	2/3/4/5/6	3001 469 010
Seal, Length 1400 mm	1	3001 460 200
Seal, Length 1650 mm	2	3001 462 001
Seal, Length 2050 mm	3	3001 462 002
Seal, Length 2500 mm	4	3001 462 003
Seal, Length 2950 mm	5	3001 462 004
Cover cap for Europlex lock	1-6	3001 469 501
Closing cylinder, with keys, keyed differently	1-6	3002 434 019
Closing cylinder, with keys, keyed alike	1-6	3001 463 000



Toolbox

suitable for every vehicle type

sturdy shape thanks to all-round steel profiles and PUR-coated base with ribbed surface, waterproof thanks to rubber seals in the lid, three-point lock with stainless steel pushing rods, actuated through handle with built-in lock, made of heat-resistant, high-strength, scratch and tear-proof polyurethane

Colour black
Temperature resistance -40 to +80 °C

Scope of supply

Toolbox incl. 2 keys, 4 mounting brackets for attachment under the vehicle floor and fastening material

This figure corresponds to 9080 240 918

Type	Width x height x depth	Version	Order no.
Rimbox 101	440 x 398 x 480 mm	hinge at the bottom	9080 240 915
Rimbox 102	588 x 445 x 480 mm	hinge at the bottom	9080 240 914
Rimbox 103	749 x 429 x 450 mm	hinge at the bottom	9080 240 916
Rimbox 104	753 x 429 x 550 mm	hinge at the bottom	9080 240 917
Rimbox 105	1040 x 486 x 480 mm	hinge at the bottom	9080 240 918
Rimbox 106	755 x 290 x 450 mm	hinge at the bottom	9080 240 919
Rimbox 107	680 x 665 x 525 mm	hinge at the side	9080 240 920



Toolbox

Material stainless steel
Surface matt

Width x height x depth	Size	Order no.
500 x 600 x 600 mm	1	2610 000 004
600 x 600 x 600 mm	2	2610 000 003
1000 x 400 x 400 mm	3	2610 000 002
1000 x 600 x 600 mm	4	2610 000 001

Accessories

Description	suitable for sizes	Order no.
Bracket, 400 x 400 mm, 2 piece	3	2610 000 005
Bracket, 600 x 400 mm, 2 piece	1, 2, 4	2610 000 006



Pallet storage box

Scope of supply
without mounting kit



Version	Length x width x height	Surface	Size	Order no.
for 8 pallets	1230 x 2455 x 450 mm	body and lid cataphoretic dip coated	1	9080 000 800
for 8 pallets	1230 x 2455 x 450 mm	body galvanised and lid cataphoretic dip painted	2	9080 000 804
for 16 pallets	1860 x 2455 x 450 mm	body and lid cataphoretic dip coated	3	9083 000 160
for 16 pallets	1860 x 2455 x 450 mm	body galvanised and lid cataphoretic dip painted	4	9083 000 164
for 18 pallets	2455 x 2640 x 350 mm	body and lid cataphoretic dip coated	5	9083 000 180
for 18 pallets	2455 x 2640 x 350 mm	body galvanised and lid cataphoretic dip painted	6	9083 000 184
for 20 pallets	2430 x 2455 x 450 mm	body and lid cataphoretic dip coated	7	9083 000 200
for 20 pallets	2430 x 2455 x 450 mm	body galvanised and lid cataphoretic dip painted	8	9083 000 205
for 24 pallets	2455 x 2640 x 450 mm	body and lid cataphoretic dip coated	9	9083 000 240
for 24 pallets	2455 x 2640 x 450 mm	body galvanised and lid cataphoretic dip painted	10	9083 000 244
for 30 pallets	2640 x 2640 x 560 mm	body and lid cataphoretic dip coated	11	9083 000 300
for 30 pallets	2640 x 2640 x 560 mm	body galvanised and lid cataphoretic dip painted	12	9083 000 304
for 32 pallets	3440 x 2455 x 450 mm	body and lid cataphoretic dip coated	13	9083 000 320
for 32 pallets	3440 x 2455 x 450 mm	body galvanised and lid cataphoretic dip painted	14	9083 000 324
for 36 pallets	2640 x 2455 x 605 mm	body and lid cataphoretic dip coated	15	9083 000 360
for 36 pallets	2640 x 2455 x 605 mm	body galvanised and lid cataphoretic dip painted	16	9083 000 364

Accessories

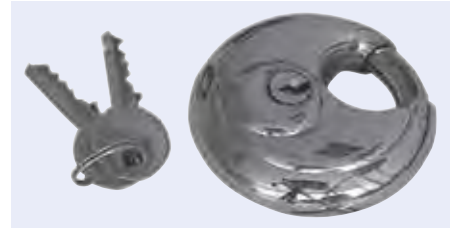
Description	suitable for sizes	Order no.
Clamping claw set, 10 piece	1/2	9083 535 010
Screw set, 10 piece	1/2	9083 535 310
Clamping claw set, 12 piece	3-12, 15/16	9083 535 012
Clamping claw set, 14 piece	3-16	9083 535 314

Discus lock

for locking storage compartments and toolboxes

Order no.

9084 510 890



Toolbox

Material polyethylene

order mounting separately



This figure corresponds to 9080 656 500

Type	Version	Width x height x depth	Order no.
WK-FS 20		600 x 420 x 390 mm	9080 624 410
WK-FS 50	offset, with snap fastener	605 x 420 x 620 mm	9080 656 500

Accessories

Description	Order no.
Retaining clamp set	9080 650 000
Cover, with 2 rivets + fixing	9090 008 137

Toolbox

Type KVR
 Version with hoop closure, installed on mounting
 Width x height x depth 620 x 360 x 610 mm
 Material polyethylene

Order no.

9080 665 112



Accessories

Description	Order no.
Cover	9080 665 113

Toolbox

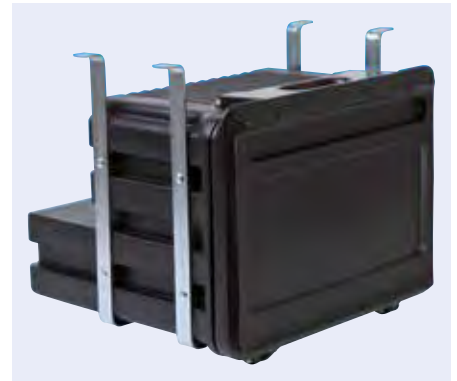
Type	WZK-XL HB
Version	offset, with closing lever, installed on mounting
Width x height x depth	660 x 500 x 665 mm
Material	polyethylene

Order no.

9080 200 015

Accessories

Description	Order no.
T-handle, with cylinder lock	9085 942 569



4

Add-on parts

Toolbox

Type	800T SL4
Version	with 2 toggle fastenings, bracket mounted
Width x height x depth	840 x 480 x 550 mm
Material	Polyethylene

Order no.

9370 880 570



Toolbox

Type	WK-HP 80
Version	with snap fastener
Width x height x depth	950 x 500 x 500 mm
Material	polyethylene

order mounting separately

Order no.

9080 105 000



Accessories

Description	Order no.
Retaining clamp, WK-HP 80	9080 800 000
Drop bow closure, plastic	9090 008 196
Square key, for square hole lock, 130 x 70 mm	9802 212 800
Square key, for square hole lock, 155 x 70 mm	9802 212 900

External wrench

Surface zinc plated, chrome plated

Version	Spanner size	Order no.
triangle	8 mm	9802 120 080
square	7 mm	9802 120 090
square	8 mm	9802 120 100



Double bit key

Version with 5 mm spine
 Surface zinc plated, chrome plated

Order no.
9802 602 017

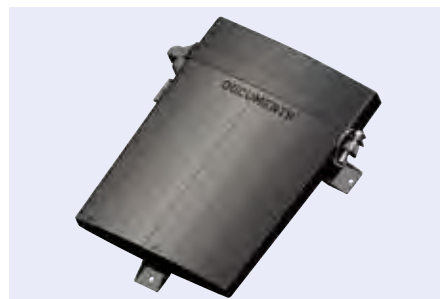


Document box

shape stability, meets custom regulations, can be locked with a padlock

Material plastic
 Fastening 3 holes for 5 mm dia. bolts
 Height 360 mm
 Width 270 mm
 Depth 76 mm

Order no.
9090 970 492



Document roll

Scope of supply with cover, support, rubber seal, information label
 Hole Ø 8,5 mm

This figure corresponds to 9080 008 086

Fastening	Overall length	Length	Height	Distance between holes	Ø	Order no.
2 holes	347 mm	322 mm	77 mm	266 mm	55/65 mm	9080 008 055
4 holes	362 mm	320 mm	120 mm	265 mm	86/100 mm	9080 008 086
4 holes	360 mm	319 mm	140 mm	266 mm	115/125 mm	9080 080 115



4 Add-on parts

Water tank with soap dispenser

Capacity 30 l
Version with filler neck and drain tap
Length 455 mm
Width 350 mm
Height 360 mm
Material plastic

Scope of supply
without bracket

Colour	Order no.
black	9080 002 525
white	9080 002 515



4
Add-on parts

Water tank with soap dispenser

Capacity 50 l
Version with filler neck and drain tap
Length 458 mm
Width 453 mm
Height 470 mm
Material plastic

Scope of supply
without bracket

Colour	Order no.
black	9080 002 545
white	9080 002 535



Water canister

Capacity 25 l
Width 350 mm
Height 460 mm

This figure corresponds to 9081 440 560

Version	Order no.
without bracket	9081 440 590
with bracket	9081 440 560



Water tank



This figure corresponds to 9080 002 615

Capacity	Version	Length x width x height	Order no.
25 l	with fixing frame	634 x 200 x 450 mm	9080 002 615
25 l	without fixing frame	541 x 195 x 360 mm	9080 002 610
30 l	without bracket	455 x 350 x 360 mm	9080 002 510
30 l	without bracket	455 x 360 x 360 mm	9080 002 520
50 l	without bracket	458 x 453 x 470 mm	9080 002 540

Accessories

Description	Order no.
Bracket for 30 litre water container	9080 002 550
Bracket for 50 litre water container	9080 002 560
Soap dispenser for 250 ml water container, black	9080 000 027
Soap dispenser for 250 ml water container, white	9080 000 029
Water tap for 30/50 litre water container, black	9085 000 026
Water tap for 30/50 litre water container , white	9085 000 025

Stepladder

Version	2-step, extendable
Overall length	570 mm
Overall width	430 mm
Height	460 mm
Material	steel
Surface	galvanised

Order no.

9080 008 615



Stepladder

Version	3-stage, extendable
Overall length	753,5 mm
Overall width	403 mm
Material	steel
Surface	hot-galvanised

Order no.

9081 319 550

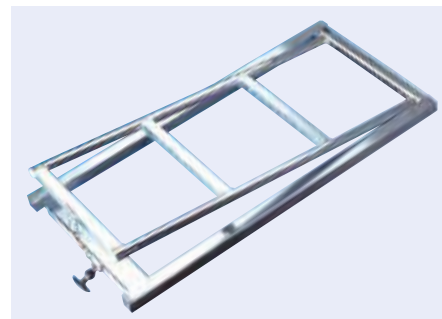


Stepladder

Version	3-stage, extendable
Overall length	895 mm
Overall width	485 mm
Step length	880 mm
Step width	300 mm
Distance between steps	280 mm
Material	steel
Surface	galvanised

Order no.

9080 001 000



Step-up

pressed from sheet steel, slotted, with welded-on mounting brackets

Width	160 mm
Depth	150 mm
Material	steel
Surface	galvanised

Application range
for securing

Order no.

9081 313 730



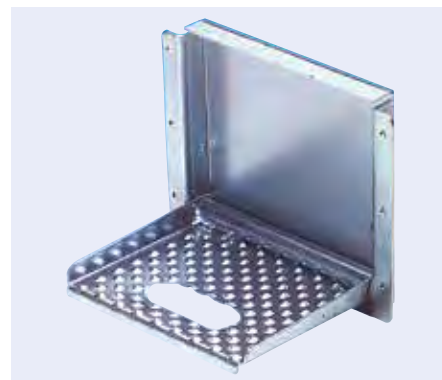
Step-up

studded tread surface, ready to install

Width 160 mm
Depth 150 mm
Material steel
Surface galvanised

Application range

for installation in aluminium drop side profiles 25/30 mm



Order no.

9081 315 190

Step-up

Width 160 mm
Depth 150 mm
Material steel
Surface galvanised

Application range

for screw attachment, e.g. on drop side



Order no.

9081 315 180

4
Add-on parts



Fire extinguisher box

Width 310 mm
Depth 250 mm

This figure corresponds to 3002 412 007

suitable for	Version	Height	Colour	Order no.
6 kg filling weight	with window	611 mm	red	3002 413 810
6 kg filling weight	with window	611 mm	black	3001 462 132
6 kg filling weight	without window	611 mm	red	8190 082 050
6 kg and 9 kg filling weight	with window	675 mm	red	3002 412 007

Accessories

Description	Order no.
Protective pane for fire extinguisher cabinet	3001 469 505
Clamping ring, \varnothing 170-190 mm	3001 469 507
Clamping ring, \varnothing 160 mm	3001 469 506
Locking spring, PVC	3001 469 508
Bracket, hot-galvanised (for 3002 413 810, 3002 412 007)	3001 468 042



Fire extinguisher box

suitable for 9 kg filling weight
Version with window
Height 335 mm
Width 715 mm
Depth 240 mm

Order no.
3001 462 130

Accessories

Description	Order no.
Protective glass	3001 469 515



Fire extinguisher box

suitable for	6 kg fire extinguisher
Colour	red
Width	230 mm
Height	570 mm
Depth	260 mm
Material	polyethylene

Order no.

9080 672 400

Accessories

Description	Order no.
Fastening bracket, 4 piece	9080 671 840



Continuous pressure powder fire extinguisher

made of high quality sheet steel, CE compliant

Height	500 mm
Spraying duration	18 sec
Spraying width	6 m
Temperature range	-30 to +60 °C
Standard	DIN EN 3
Type	PD 6 GA

Power rating 34 A, 183 B and C

Application range

suitable for liquefied gas stores, garages and hobby rooms

Scope of supply

high-quality wall bracket

Important: Please follow the country-specific regulations!

GS tested

Order no.

9195 491 125



Rechargeable powder fire extinguisher

ergonomically shaped, robust carrying handle, valve body made of glass fibre reinforced special plastic, hose line with woven fabric intermediate layer made of synthetic rubber, with pivoting pistol which can be switched off, semi-automatic, with internal cartridge, very service-friendly

Thread	M74 x 2
Contents	6 kg
Standard	DIN EN 3
Type	P6STAR

power rating 34 A, 183 B and C

Application range

ideal for hazardous goods transport

GS tested

Order no.

9195 491 025



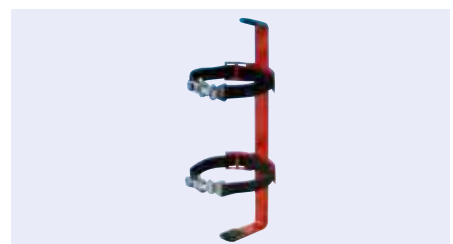
Vehicle bracket

Scope of supply

2 retaining bands

Order no.

9195 491 200



Handle holder with metal fastener

Gripping length 37 mm
Overall width 110 mm
Rear width 25 mm
Material steel

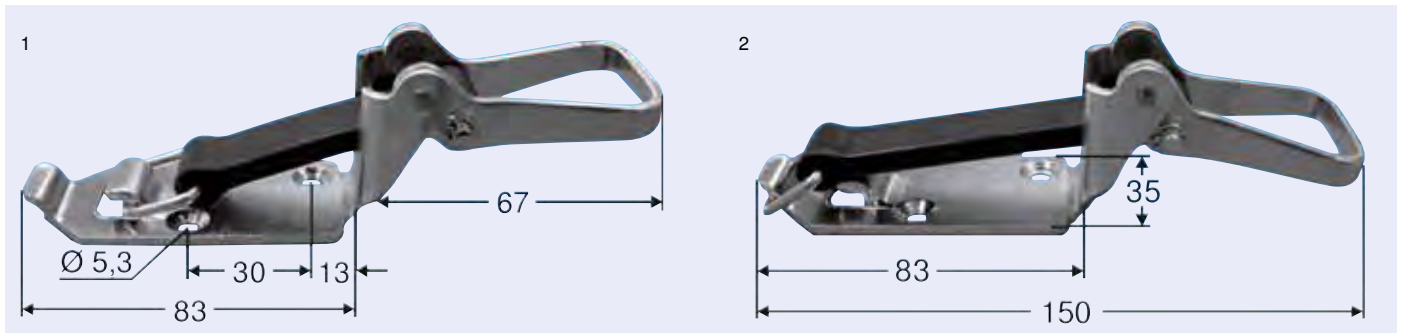
Application range
for securing brooms, shovels etc.

Surface	Order no.
bright	9802 581 000
galvanised	9802 581 001



4

Add-on parts



Handle holder with rubber strap

Material steel
Surface galvanised

Application range
for securing brooms, shovels etc.

Tightening strap length	Fig.	Order no.
60 mm	1	9802 581 200
77.5 mm	2	9802 581 100

Accessories

Description	Order no.
Tightening strap rubber, 60 mm	9802 581 120
Tightening strap rubber, 77 mm	9802 581 110

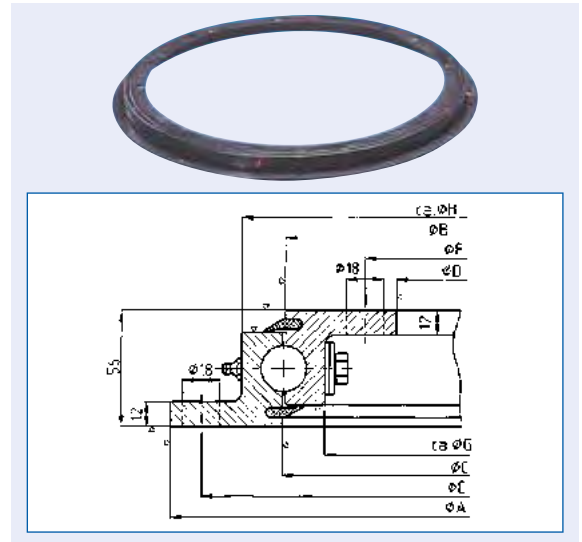


Vehicle connections

Turntables.....	424–426
Drawbars.....	42–431
Drawbar components.....	432–440
Trailer kingpin.....	441–443

JOST**Ball pivot bearing**

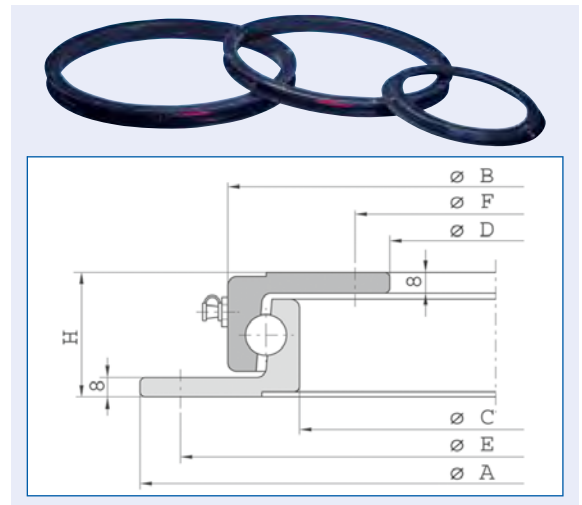
Version	low maintenance, undrilled, hardened tracks
Flange thickness	12 mm
Height	56 mm
Surface	cataphoretic dip coated



Type	A	B	E	F	Axial load, max.	Order no.
KDL 900-3 W	750 mm	639 mm	720 mm	562 mm	120 kN	3033 900 300
KDL 900-4 W	850 mm	739 mm	820 mm	662 mm	150 kN	3033 800 800
KDL 900-5 W	950 mm	839 mm	920 mm	762 mm	180 kN	3001 000 467
KDL 900-6 W	1050 mm	939 mm	1020 mm	862 mm	210 kN	3033 800 931
KDL 900-7 W	1200 mm	1089 mm	1170 mm	1012 mm	250 kN	3001 009 007

JOST**Ball steering turnplate**

Version	standard, undrilled
Flange thickness	8 mm
Surface	cataphoretic dip coated

**Application range**

agricultural trailers and transport equipment up to 30 km/h

Type	Height	A	B	E	F	Axial load, max.	Order no.
KLK 400 L	45 mm	400 mm	342 mm	375 mm	260 mm	7.5 kN	3030 400 110
KLK 500 L	45 mm	500 mm	442 mm	475 mm	360 mm	9 kN	3030 500 110
KLK 650 L	45 mm	650 mm	592 mm	625 mm	510 mm	15 kN	3030 650 110
KLK 750 L	45 mm	750 mm	692 mm	725 mm	610 mm	18 kN	3030 750 110
KLK 850 L	45 mm	850 mm	792 mm	825 mm	710 mm	25 kN	3030 850 110
KLK 950 L	45 mm	950 mm	892 mm	925 mm	810 mm	30 kN	3001 000 414
KLK 1050 L	45 mm	1050 mm	992 mm	1025 mm	910 mm	35 kN	3030 105 110

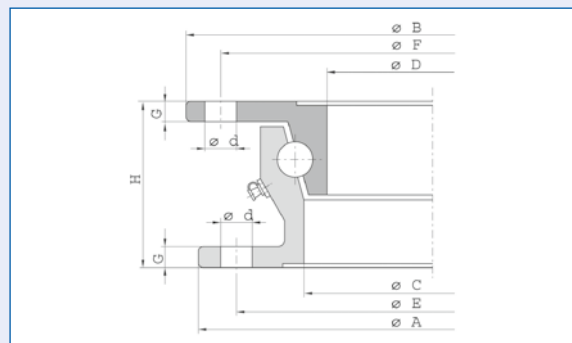
Application range

heavy agricultural trailers and light truck trailers above 30 km/h

Type	Height	A	B	E	F	Axial load, max.	Order no.
KLK 500 N	52 mm	500 mm	437 mm	475 mm	340 mm	18 kN	3030 500 130
KLK 650 N	52 mm	650 mm	587 mm	625 mm	490 mm	25 kN	3030 650 130
KLK 750 N	52 mm	750 mm	687 mm	725 mm	590 mm	30 kN	3030 750 130
KLK 1050 N	52 mm	1050 mm	987 mm	1025 mm	890 mm	45 kN	3030 105 130



JOST



Ball steering turnplate

Surface cataphoretic dip coated

Type	Version	Flange thickness	Height	A	B	E	F	D	H	Axial load, max.	Order no.
KLK HE 5	standard, drilled	9 mm	80 mm	880 mm	895 mm	852 mm	866 mm	16 mm	80 mm	50 kN	3030 005 000
KLK HE 6	standard, drilled	9 mm	80 mm	1090 mm	1105 mm	1060 mm	1074 mm	18 mm	80 mm	65 kN	3030 006 000
KLK HE 12	standard, drilled	10 mm	90 mm	1100 mm	1111 mm	1060 mm	1074 mm	18 mm	90 mm	80 kN	3030 012 000
KLK HE 18	standard, drilled	10 mm	90 mm	1100 mm	1108 mm	1060 mm	1074 mm	18 mm	90 mm	100 kN	3030 018 000
KLK HE 18 W	low maintenance, drilled	10 mm	90 mm	1100 mm	1108 mm	1060 mm	1074 mm	18 mm	90 mm	100 kN	3030 018 100
KLK HE 1100-22	standard, drilled	10 mm	90 mm	1000 mm	1108 mm	1060 mm	1074 mm		90 mm	120 kN	3030 110 770
KLK HE 1100-22 W	low maintenance, drilled	10 mm	90 mm	1000 mm	1108 mm	1060 mm	1074 mm	18 mm	90 mm	120 kN	3030 110 780
KLK HE 1200-22	standard, drilled	10 mm	90 mm	1200 mm	1208 mm	1160 mm	1174 mm	18 mm	90 mm	130 kN	3030 120 770
KLK HE 1200-22 W	low maintenance, drilled	10 mm	90 mm	1200 mm	1208 mm	1160 mm	1174 mm	18 mm	90 mm	130 kN	3030 120 780
KLK HE 1300-22	standard, drilled (Kögel hole pattern)	10 mm	90 mm	1300 mm	1308 mm	1260 mm	1274 mm		90 mm	140 kN	3030 130 022
KLK HE 1300-22 W	low maintenance, undrilled	10 mm	90 mm	1300 mm	1308 mm	1260 mm	1274 mm		90 mm	140 kN	3030 130 780
KLK HE 1300-22 W	low maintenance, drilled	10 mm	90 mm	1300 mm	1308 mm	1260 mm	1274 mm		90 mm	140 kN	3030 130 790
KLK HE 1300-22 W	low-maintenance, drilled			1300 mm	1311 mm	1260 mm	1274 mm	1150 mm	90 mm	140 kN	3030 231 010
KLK HE 13000100	standard, undrilled	10 mm	90 mm	1100 mm	1108 mm	1060 mm	1074 mm		90 mm	100 kN	3030 018 001

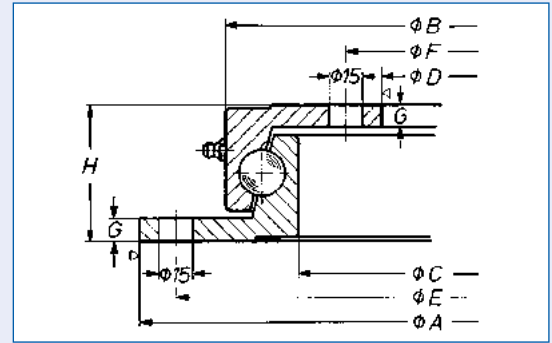
JOST

Ball steering turnplate

Type	KLK 1100 ND
Version	standard, drilled
Axial load, max.	70 kN
Surface	cataphoretic dip coated
A	1102 mm
B	1027 mm
D	15 mm
E	1070 mm
F	920 mm
G	10 mm
H	60 mm

Order no.

3030 110 000



JOST

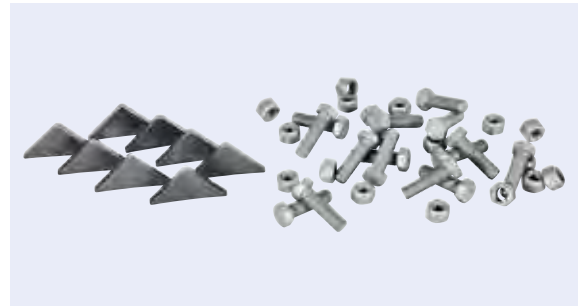
Fastening set for ball steering turnplate

Scope of supply

- 16 x countersunk bolts M16 x 1,5 x 5
- 16 x countersunk nut M16 x 1,5
- 8 x thrust plate

Order no.

3001 000 500



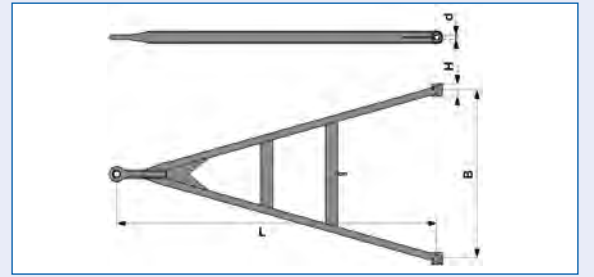


Forked draw-bar
GNZ 27, Standard version

made of standard U-section, with ECE approval, draw-bar eye to DIN 74054 A

Bearing bush Silent
 Towed load 27 t
 Ø of trailer coupling ring 40 mm
 Standard E1 01-1909

A	B	C	D	Order no.
1800 mm	1300 mm	100 mm	30 mm	4818 001 354
2000 mm	1300 mm	100 mm	30 mm	4832 001 344
2100 mm	1200 mm	100 mm	30 mm	4822 301 394
2100 mm	1300 mm	100 mm	30 mm	4832 101 344
2100 mm	980 mm	100 mm	30 mm	4832 109 844
2200 mm	1100 mm	100 mm	30 mm	4932 201 144
2200 mm	1300 mm	100 mm	30 mm	4822 201 444
2250 mm	1300 mm	100 mm	30 mm	4822 201 454
2300 mm	1200 mm	100 mm	30 mm	4832 301 244
2300 mm	1300 mm	100 mm	30 mm	4832 301 344
2400 mm	1300 mm	100 mm	30 mm	4832 401 344
2500 mm	1200 mm	100 mm	30 mm	4922 501 444
2500 mm	1300 mm	100 mm	30 mm	4832 501 344
2600 mm	1100 mm	100 mm	30 mm	4932 401 264
2600 mm	1200 mm	100 mm	30 mm	4932 601 344
2600 mm	1300 mm	100 mm	30 mm	4832 502 344
2800 mm	1100 mm	100 mm	30 mm	4832 801 144



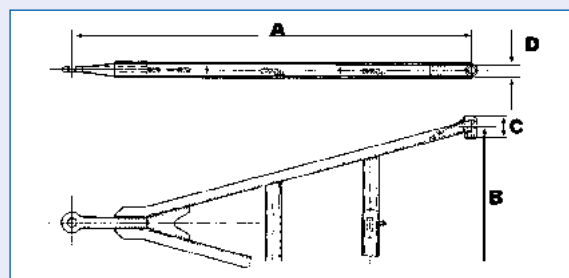
Forked draw-bar

GNZ 27, Standard version

made of standard U-section, with ECE approval, draw-bar eye to DIN 74054 A

Towed load	27 t
∅ of trailer coupling ring	40 mm
Bearing bush	brass
Standard	E1 01-1909

A	B	C	D	Order no.
1800 mm	980 mm	100 mm	30 mm	4931 809 844
1800 mm	1100 mm	100 mm	30 mm	4931 801 144
1800 mm	1200 mm	100 mm	30 mm	4931 801 244
1800 mm	1300 mm	100 mm	30 mm	4931 801 344
1900 mm	1200 mm	100 mm	30 mm	4931 901 244
2000 mm	1300 mm	100 mm	30 mm	4932 001 344
2100 mm	980 mm	100 mm	30 mm	4932 109 844
2100 mm	1100 mm	80 mm	28 mm	4922 101 142
2100 mm	1000 mm	100 mm	30 mm	4932 101 044
2100 mm	1100 mm	100 mm	30 mm	4932 101 144
2100 mm	1200 mm	80 mm	28 mm	4931 701 294
2100 mm	1200 mm	100 mm	30 mm	4932 101 244
2100 mm	1300 mm	100 mm	30 mm	4932 101 344
2200 mm	1100 mm	80 mm	26 mm	4922 201 132
2200 mm	1100 mm	100 mm	30 mm	4922 201 154
2200 mm	1200 mm	100 mm	30 mm	4932 201 244
2200 mm	1300 mm	100 mm	30 mm	4932 201 344
2300 mm	600 mm	100 mm	30 mm	4923 601 044
2300 mm	980 mm	100 mm	30 mm	4932 309 844
2300 mm	1100 mm	100 mm	30 mm	4932 301 144
2300 mm	1200 mm	100 mm	30 mm	4932 301 244
2300 mm	1300 mm	80 mm	28 mm	4922 301 333
2300 mm	1300 mm	100 mm	30 mm	4932 301 344
2400 mm	1100 mm	100 mm	30 mm	4932 401 144
2400 mm	1200 mm	100 mm	30 mm	4932 401 244
2400 mm	1300 mm	100 mm	30 mm	4932 401 344
2500 mm	980 mm	100 mm	30 mm	4932 509 844
2500 mm	1100 mm	100 mm	30 mm	4932 501 144
2500 mm	1300 mm	100 mm	30 mm	4932 501 344
2600 mm	1100 mm	100 mm	30 mm	4932 401 254
2600 mm	1200 mm	100 mm	30 mm	4932 601 244
2700 mm	1100 mm	100 mm	30 mm	4932 701 144
2800 mm	980 mm	100 mm	30 mm	4932 809 844
2800 mm	1200 mm	100 mm	30 mm	4922 801 244

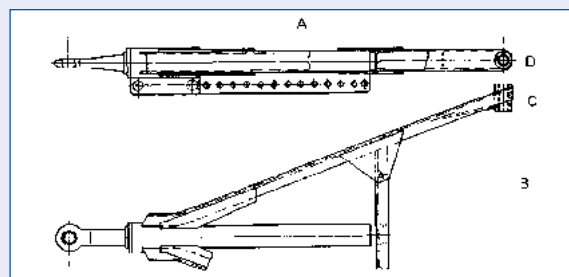


**Forked draw-bar
GNZ 40, Standard version**

made of standard U-section, with ECE approval, draw-bar eye to DIN 74054 A

Bearing bush	brass	B	980 mm	Standard	E1 01-2001
Towed load	40 t	C	100 mm		
∅ of trailer coupling ring	40 mm	D	30 mm		

A	Order no.
1800 mm	4971 809 844
2100 mm	4942 109 844

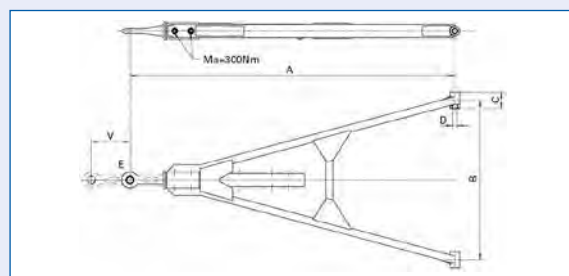
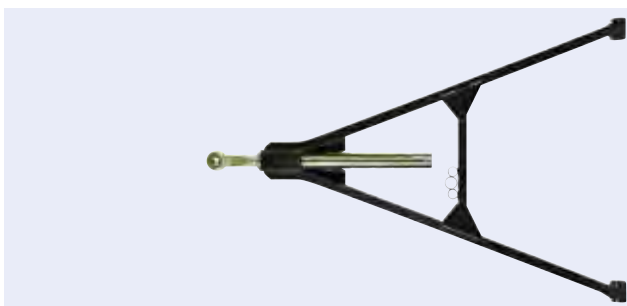


**Forked draw-bar
GZL 27, adjustable length 12 x 50 mm**

with ECE approval, more specifically detailed expert report, draw-bar eye to DIN 74054 A

Towed load	27 t	A	1800-2400 mm	D	30 mm
∅ of trailer coupling ring	40 mm	B	1300 mm	Standard	E1 01-2471
Bearing bush	brass	C	100 mm		

Order no.
4981 801 344



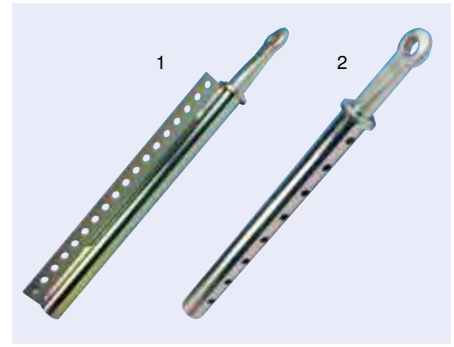
**Forked draw-bar
GZU 27, adjustable length 6 x 100 mm**

Version	Schmitz	A	2000 mm	D	30 mm
∅ of trailer coupling ring	40 mm	B	1300 mm	Standard	E1 01-2446
Bearing bush	Silent bush	C	100 mm		

Order no.
4920 013 090

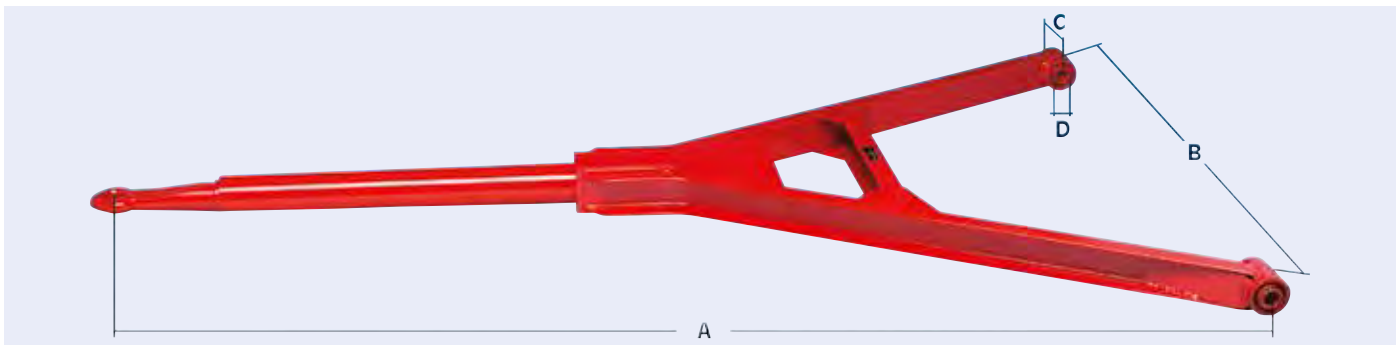
Pull rod pipe

Type	Fig.	Order no.
GZL 27	1	4902 400 160
GZU 27	2	4902 400 200



5

Vehicle connections



Forked draw-bar

GZY 27, in Y shape, centre tube design

with fixed centre tube, with ECE approval, draw-bar eye to DIN 74054 A

Towed load	27 t	B	1300 mm
∅ of trailer coupling ring	40 mm	C	100 mm
Bearing bush	brass	D	30 mm
A	2300 mm	Standard	E1 01-2464

Order no.

4842 301 344



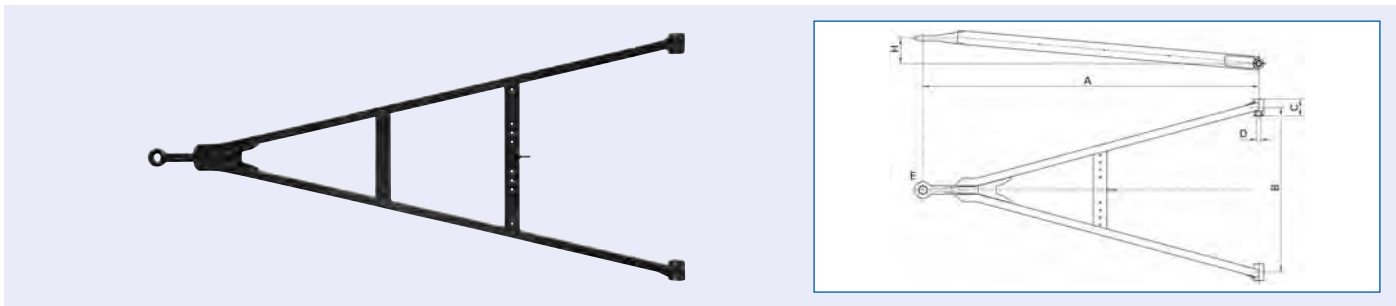
Forked draw-bar

GZY 27, in Y-form, central tube design

Towed load	27 t	A	2300 mm	D	Standard	30 mm
∅ of trailer coupling ring	40 mm	B	1300 mm			E1 01-2464
Bearing bush	Silent	C	100 mm			

Order no.

4842 301 444



**Forked draw-bar
GNZ 27 S, with inclined drawbar eye**

Towed load	27 t	A	2600 mm	H	150 mm
∅ of trailer coupling ring	40 mm	B	1100 mm	Standard	E1 01-1909
Angle of tilt	3,3°	C	100 mm		
Bearing bush	Silent	D	30 mm		

Order no.

4932 601 146

5
Vehicle connections



**Anti-theft protection
for trailers**

suitable for	eyes 38-50 mm
Type	TSR drawbar

Order no.

9080 004 973

Welded bush with groove

Nominal measure 44 mm



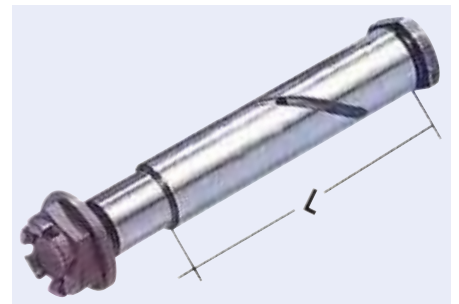
Type	Outer \varnothing	Bore hole	Length	Groove width	Order no.
E5/E8	48 mm	28 mm	30 mm	31 mm	1500 006 030
E11	50 mm	30 mm	34 mm	33 mm	1500 008 030

Welded bush without groove

Nominal measure 44 mm
Outer \varnothing 50 mm

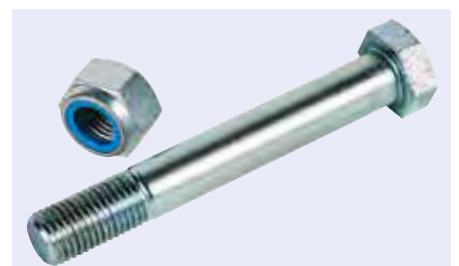
Type	Bore hole	Length	Order no.
	28 mm	30 mm	1500 013 030
E11	30 mm	34 mm	1500 009 030

Spring pin

Application range
for spring/drawbar fixture

Version	Type	Length	Thread	Shank \varnothing	Order no.
with stepped shaft	E1	14,5/77,5 mm	M16 x 1,5	20/24 mm	1554 000 100
with stepped shaft	E3	19,5/92,5 mm	M20 x 1,5	22/26 mm	1554 000 300
with stepped shaft	E5	24,5/107,5 mm	M22 x 1,5	24/28 mm	1554 000 400
with stepped shaft	E11	29/131,5 mm	M24 x 1,5	26/30 mm	1554 000 600
with smooth shaft		150 mm	M24 x 1,5	30 mm	1540 004 200
with smooth shaft		170 mm	M24 x 1,5	30 mm	1540 004 400

Spring pin

Thread M30 x 3,5
Length 200 mmOrder no.
9180 001 570

Draw-bar bolt suitable for Kässbohrer trailers

Length 192 mm
 ∅ 30 mm

		Order no.
		9280 013 900



Shim washer

Material steel

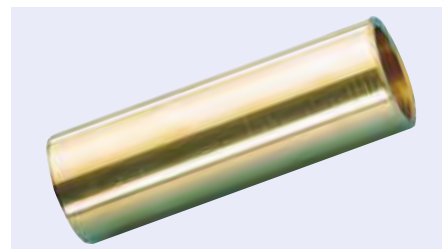
Outer ∅	Inner ∅	Thickness	Order no.
45 mm	26 mm	1 mm	9080 000 110
50 mm	28 mm	2 mm	9080 000 140
50 mm	28 mm	1 mm	9080 000 130
50 mm	28 mm	2 mm	9080 000 160
56 mm	30 mm	0,25 mm	9080 000 930
56 mm	30 mm	0,5 mm	9080 000 760
56 mm	30 mm	1 mm	9080 000 150
56 mm	30 mm	2 mm	9080 000 180



Spring bushing for drawbar bearing

Length 100 mm
 Inner ∅ 30 mm

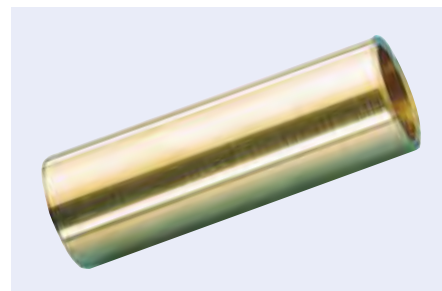
Outer ∅	Order no.
35 mm	1230 351 000
40 mm	1230 401 000



Spring bushing for drawbar bearing

Material brass

Outer ∅	Inner ∅	Length	Order no.
34 mm	28 mm	80 mm	1228 348 000
36 mm	30 mm	100 mm	1230 361 000
37 mm	30 mm	100 mm	1230 371 000
50 mm	40 mm	100 mm	1240 501 000



Plastic bush for drawbar bearing

Outer \varnothing 36 mm
Inner \varnothing 30 mm
Length 48 mm

Order no.
4903 048 300



Silent bush for low-maintenance drawbar bearing

Outer \varnothing 60 mm
Inner \varnothing 30 mm
Length 82 mm

Order no.
3705 937 009



Silent bush

suitable for Schmitz
Outer \varnothing 68 mm
Inner \varnothing 30 mm
Length 102 mm

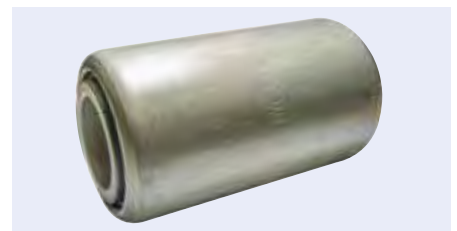
Order no.
7881 392 641



Silent block

Outer \varnothing 60,5 mm
Inner \varnothing 32 mm
Length 95/103 mm

Order no.
1273 004 000



Trailer coupling ring with flange

Version screw-on, shape B
Flange 6-hole
 \varnothing of trailer coupling ring 40 mm
D-value 130 kN
Standard DIN 11026

Application range
for agriculture and forestry

Scope of supply
without counterplate and bolts

Order no.
3360 572 330

Comparative no.
Jost-Rockinger 57233



Trailer coupling ring with flange

Type	440
Version	screw-on
Flange	6-hole
Ø of trailer coupling ring	40 mm
D-value	120/95 kN
Hole pattern	100 x 110 mm
Fastening	M16

Application range
for multi-axle trailers and centre axle trailers

Order no.	3210 990 548
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Trailer coupling ring with flange

Version	screw-on, shape D
Flange	8-hole
Ø of trailer coupling ring	40 mm
Length	250 mm
D-value	125 kN
Drawbar load	1000 kg
Standard	DIN 74053

Order no.	4900 000 045	Comparative no.	Jost-Rockinger 57243
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Trailer coupling ring with flange

Version	screw-on, shape C/D
Flange	8-hole
Ø of trailer coupling ring	50 mm
Length	250 mm
D-value	200 kN
Drawbar load	1000/2500 kg
Standard	DIN 74053

Scope of supply
without weld-on plate and bolts

Order no.	4900 000 050	Comparative no.	Jost-Rockinger 57244
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Trailer coupling ring with flange

Version	screw-on, shape C/D
Flange	8-hole
Ø of trailer coupling ring	50 mm
Length	275 mm
D-value	250 kN
DC value	113/135 kN
V-value	43,2/90 kN
Drawbar load	3000/1000 kg
Hole pattern	130 x 130 mm
Standard	similar to DIN 74053

Application range
for heavy rigid drawbar trailer

Scope of supply
without weld-on plate and bolts

Order no.	3360 572 840	Comparative no.	Jost-Rockinger 57284
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Trailer coupling ring for towing unit

Type 480, 480/1
 Ø of trailer coupling ring 50 mm

Order no.
3210 995 280

Comparative no.
 Ringfeder 10 995 280



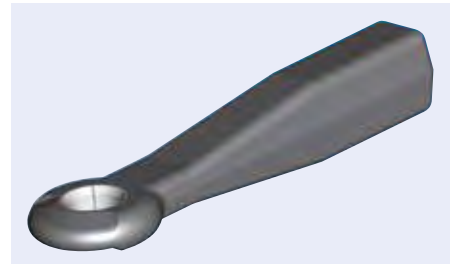
Bolt-on plate for drawbar eye



Width	Height	Thickness	Hole pattern	Order no.
162 mm	162 mm	30 mm	100 x 110 x 110 mm	4900 000 055
200 mm	185 mm	30 mm	100 x 110 x 110 mm	3360 703 050
200 mm	190 mm	40 mm	130 x 130 x 130 mm	3360 703 070
240 mm	270 mm	30 mm	100 x 110 x 110 mm	3360 703 060

Trailer coupling ring with shaft

Version weld-in, shape A
 Ø of trailer coupling ring 40 mm
 Standard DIN 74054



D-value	Shank dimension	Welding range	Drawbar load	Towed load	Order no.
18 kN	40 x 40 mm	110 mm	180 kg	1,8 t	3360 572 600
25 kN	50 x 40 mm	110 mm	250 kg	2,5 t	3360 572 620
125 kN	65 x 55 mm	125 mm	900 kg	8 t	3360 572 680
125 kN	65 x 60 mm	125 mm	1000 kg	9,5 t	3360 572 700

Trailer coupling ring with shaft

Version weld-in, shape A
 Ø of trailer coupling ring 50 mm
 Length 380 mm
 D-value 190 kN
 DC value 90 kN
 V-value 30 kN
 Shank dimension 65 x 60 mm
 Welding range 170 mm
 Drawbar load 1000 kg
 Standard DIN 74053

Order no.
3360 572 720

Comparative no.
 Jost-Rockinger 57272



Trailer coupling ring for heavy duty

Version weld-in, shape A
 ∅ of trailer coupling ring 50 mm
 Length 385 mm
 D-value 314 kN
 Shank dimension 80 x 75 mm
 Welding range 190 mm
 Standard DIN 74053

Order no. **3360 570 050** Comparative no. Jost-Rockinger 57005

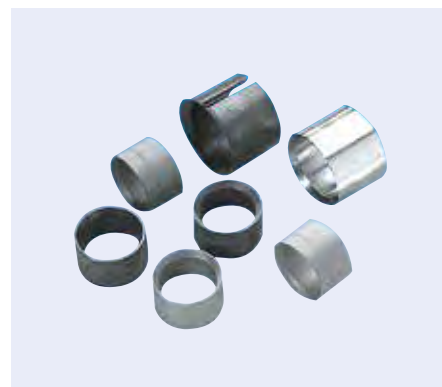


Trailer coupling ring bushing

Inner ∅ 40 mm
 Version closed design
 Material steel

Application range
 for repairing trailer coupling according to DIN 74054

Outer ∅	Scope of supply	Order no.
48 mm	without ring	4906 000 400
48,5 mm	1 ring	4906 000 401
49 mm	2 rings	4906 000 402
49,5 mm	3 rings	4906 000 403
50 mm	4 rings	4906 000 404

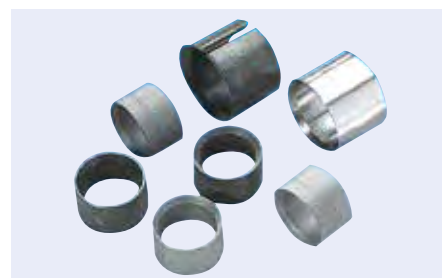


Trailer coupling ring bushing

Inner ∅ 40 mm
 Version slotted
 Form A, B
 Material steel

Application range
 for repairing drawbar eyes according to DIN 74054

Order no. **3360 530 510**

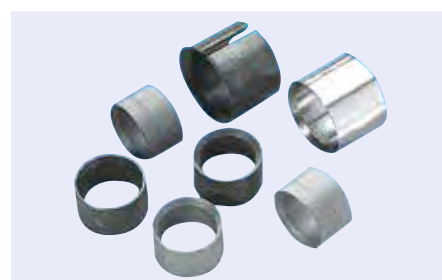


Trailer coupling ring bushing

Inner ∅ 40 mm
 Version closed
 Form A, B
 Material steel

Application range
 for repairing drawbar eyes according to DIN 11029

Order no. **3360 533 480**

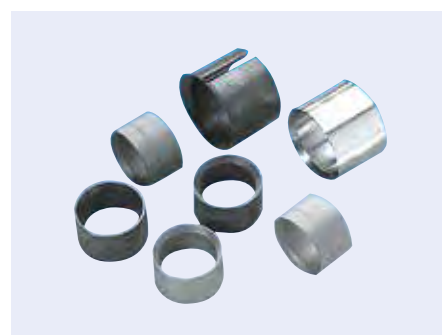


Trailer coupling ring bushing

Inner ∅ 50 mm
 Material steel

Application range
 for repairing drawbar eyes according to DIN 74053

Outer ∅	Version	Form	Order no.
60 mm	slotted	A, B	3360 530 040
60 mm	closed design	D	3360 533 760
60,5 mm	1 ring		3360 533 620
61 mm	2 rings		3360 533 630



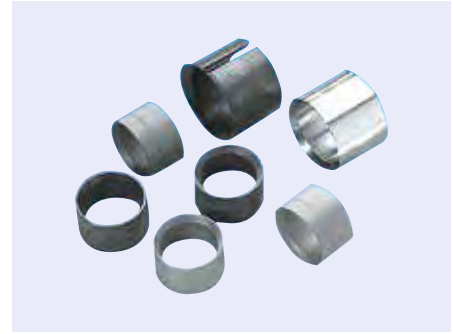
Trailer coupling ring bushing

Inner \varnothing 50 mm
Material steel

Application range

for repairing drawbar eyes according to DIN 74053

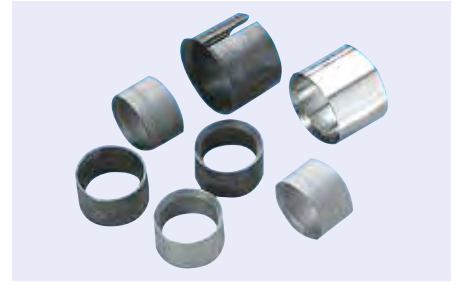
Outer \varnothing	Order no.
60,3 mm	3261 026 933
60,6 mm	3261 099 658
60,9 mm	3261 026 976
61,2 mm	3261 026 992



Trailer coupling ring bushing

Inner \varnothing 57,5 mm
Material steel

Order no.
3008 053 556



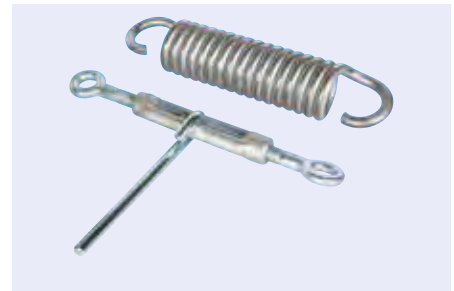
Vertical adjustment device for forked draw-bar

Type Y256100000
Version acting on tension
Length 510-650 mm

Scope of supply

with spring tension lock, weld-on support

Order no.
4908 000 008



Vertical adjustment device for drawbar, type approved

Type	Version	Length	Order no.
Y258100000	B	630-880 mm	4908 000 002
Y258200000	C	680-930 mm	4908 000 003
Y258300000	D	840-1090 mm	4908 000 004



Vertical adjustment device Klemmfix

when required, the holding force can be changed by turning the piston rod

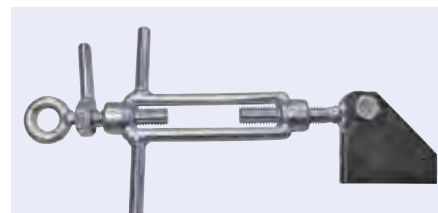


Type	Version	Length	suitable for	Order no.
72/D	acting on pressure	875 mm		4909 030 000
72/D	acting on pressure	980 mm	PAL short coupling system	4902 000 830
72/Z	acting on tension	875 mm		4909 040 000

Tensioning device for height adjustment system

Version with eyes and weld-on plate

Order no.
9084 330 360



Accessories

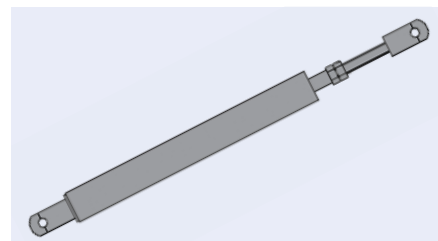
Description	Order no.
Tension spring for height adjustment device, Length 276 mm, Ø 10/60 mm	9084 330 350



Compression spring pack for Klemmfix 72

used only as height-maintaining device to support the Klemmfix 72 height adjustment system

Order no.
4900 000 300



Drawbar mounting UNP 80

Version with hook
Interior width 45 mm

Order no.
9081 312 390



Drawbar fixture for tension spring

consists of upper part with hook as well as lower counterplate

Bore hole 12,5 mm

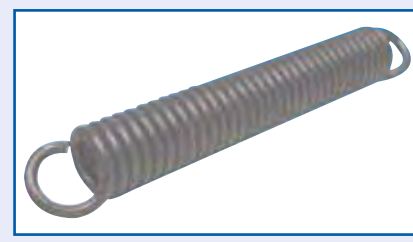
Application range
suitable for all drawbars of UNP and ULP

Version	Order no.
with hook	9081 312 400
with eye	9081 312 410



Accessories

Description	Length	Outer Ø	Thickness	Order no.
Tension spring	310/250 mm	50 mm	10 mm	9081 312 450
Tension spring	360/300 mm	50 mm	9 mm	9081 312 440
Tension spring	365/300 mm	50 mm	10 mm	9081 312 460
Tension spring	420/350 mm	50 mm	10 mm	9081 312 470



Screw-on stops for drawbar attachment

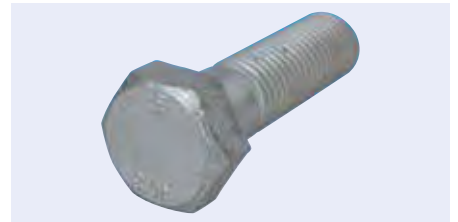
This figure corresponds to 9084 330 340

Version	Width	Order no.
for UNP 65	65 mm	9084 330 340
for UNP 80	80 mm	9084 330 330



Screw set for drawbar eyes

Version	Thread	suitable for	Order no.
with 8 bolts class 10.9	M16 x 55	ROE 57243/57244	3360 709 500
with 6 bolts class 10.9	M16 x 55	ROE 57233/57349/57350	3360 709 510
	M20 x 70	ROE 57284	3360 709 650



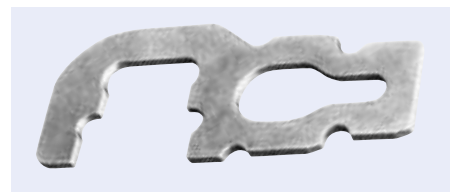
Assembly mandrel for trailer coupling ring bushing

Inner Ø	Order no.
40 mm	3360 571 110
50 mm	3360 572 280



Test gauge suitable for coupling pins and drawbar eyes 40/50 mm

Order no.
3262 372 274



Roll-in tool

suitable for	Order no.
drawbar eye 40 mm, slotted	3360 570 590
drawbar eye 50 mm, slotted	3360 570 880



JOST**Trailer kingpin**

Pin secured in adapter plate by 8 flat collar bolts, for skid plates with an opening of 235 mm diameter, the adapter flange has an external diameter of 260 mm and requires an installation height of 34 mm, the weld bead thickness must be 7 mm

Version complete, with adapter plate
 Size 2"
 D-value 162 kN

Type	Trailer board thickness	Order no.
KZ 1008	8 mm	9084 712 080
KZ 1010	10 mm	3031 101 000
KZ 1012	12 mm	3031 101 200

Service parts

Version	Order no.
Trailer kingpin , single, suitable for KZ 1008-1012	3031 012 610
Adapter plate for 8 mm semi-trailer plate, suitable for KZ 1008	3001 004 541
Adapter plate for 10 mm semi-trailer plate, suitable for KZ 1010, KZ 1410	3031 010 860
Adapter plate for 12 mm semi-trailer plate, suitable for KZ 1012, KZ 1412	3032 012 620
Screw, suitable for KZ 1008-KZ 1012, KZ 1410, KZ 1412	3032 012 630
Screw set, with 8 bolts, suitable for KZ 1008-1012, KZ 1410-1412	3001 008 145

**JOST****Trailer kingpin****KZ 0912-01**

Version single
 Size 2"
 D-value 108 kN

Order no.
3031 912 610

Accessories

Version	Order no.
Screw for kingpins	3032 912 630
Split washer, C 14,5, galvanised	3032 912 640
Flat collar nut, B 14	3032 912 650

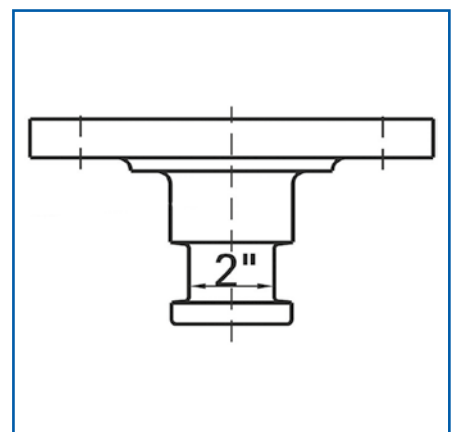
**JOST****Trailer kingpin**

Version single
 Size 2"
 D-value 170 kN
 suitable for KZ 1516
 Trailer board thickness 16 mm

Order no.
3031 151 610

Accessories

Description	Order no.
Screw, M20 x 50, suitable for KZ 1016, KZ 1516	3032 016 650





Trailer kingpin

Version single
 D-value 162,4 kN
 Size 2"

Scope of supply
 with bolts

Trailer board thickness	Order no.	Comparative no.
6, 8, 10, 12 mm	3112 020 200	SAF 662.102.020 K
16 mm	3112 020 220	SAF 662.102.022 K



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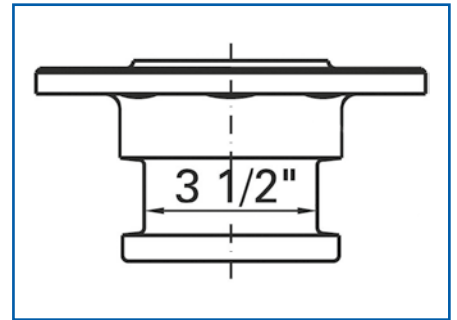
Vehicle connections



Trailer kingpin

Version single
 Size 3,5"
 D-value 162 kN
 suitable for KZ 1410, KZ 1412
 Trailer board thickness 12+10 mm

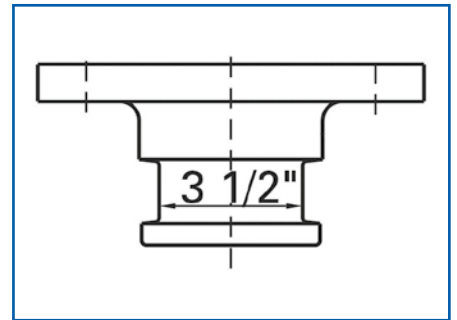
Order no.
3031 141 201



Trailer kingpin

Version single
 suitable for KZ 1016
 Size 3,5"
 D-value 320 kN
 Trailer board thickness 16 mm

Order no.
3031 016 610



Trailer kingpin

KZ 1112

Version complete
 Size 2"
 D-value 152 kN
 Trailer board thickness 12 mm

Scope of supply
 with adapter flange, washer, castle nut and split pin

Order no.
3031 112 000

Service parts

Description	Order no.
Trailer kingpin , single, with washer, castle nut and split pin	3031 112 650



JOST**Wear limit gauge**

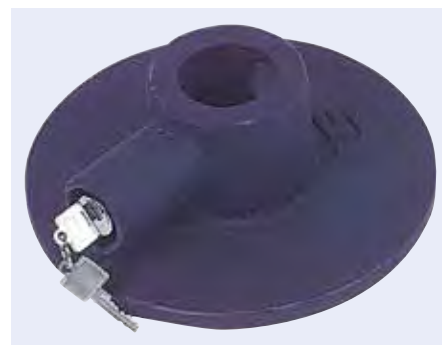
This figure corresponds to 3031 102 700

suitable for	Order no.
2 inch semi-trailer coupling	3031 102 700
3,5 inch fifth wheel coupling	3001 001 044

**JOST****Anti-theft protection for 2" trailer kingpins**

suitable for Semi-trailers
Type DS 2000

Order no.
3031 200 000

**Anti-theft protection for 2" trailer kingpins**

is put over the kingpin and locked, solid steel housing powder coated with signal colour, integral, certificated ABLOY® lock cylinder, ANTI-drill drilling out protection, keyed alike and master-key possible

Outer Ø 215 x 110 mm
Inner Ø 75 mm
Thickness 5 mm

Scope of supply
key card and 3 ABLOY® PROTEC keys

Order no.
9080 010 067



Body parts

Tarpaulin components	446–482	Hinges	552, 553
Tarpaulin roof bow components.....	483–487	Door stays.....	554–559
Sliding roofs.....	488–497	Ramp bumper and protection profiles.....	560–566
Fold, slide and insert stanchions and accessories	498–505	Edge protection profiles	567
Vehicle construction profiles	506	Tipper components.....	568–570
Tail board profiles	507–517	Tipper fastenings	571–573
Tailboard closures.....	518–533	Support legs for swap systems.....	574–581
Tail lift components.....	534–538	Swing arms and components	582, 583
Coated plywood boards	539	Anti-theft devices	584–586
Box body hinges	540	Container technology.....	587–599
Box body closures	541–543	Spare parts for cooling units.....	600–605
Box body seals	544–546	GGVS/ADR protection equipment	606
Box body accessories.....	547, 548	Warning panels.....	607–616
Gas springs	549–551		

Round eyelet DIN 7332

Height	Inner \varnothing	Material	Surface	Order no.
7,8 mm	12 mm	steel	galvanised	9630 001 155
8,4 mm	14 mm	steel	galvanised	9630 001 290
8,8 mm	16 mm	steel	galvanised	9630 011 601
9,4 mm	20 mm	steel	galvanised	9630 001 300
11,3 mm	25 mm	steel	galvanised	9639 000 001
13 mm	40 mm	steel	galvanised	9630 000 210
13 mm	40 mm	Nirosta		9630 001 180
13,1 mm	36 mm	steel	galvanised	9630 000 620



Accessories

Description	Order no.
Washer, Height 1,5 mm, Inner \varnothing 25 mm, Outer \varnothing 48,6 mm	9630 001 000
Washer, Height 1,5 mm, Inner \varnothing 36 mm, Outer \varnothing 56,3 mm	9639 000 003
Washer, Height 1,5 mm, Inner \varnothing 40 mm, Outer \varnothing 65 mm	9630 000 460

Round eyelet DIN 7332

Material brass

Height	Inner \varnothing	Order no.
8,4 mm	14 mm	9630 000 605
11,3 mm	25 mm	9630 000 615
13 mm	40 mm	9630 000 625



Accessories

Description	Order no.
Washer, Height 1,5 mm, Inner \varnothing 25 mm, Outer \varnothing 48,6 mm	9630 001 000
Washer, Height 1,5 mm, Inner \varnothing 40 mm, Outer \varnothing 65 mm	9630 000 460

Oval eyelet

Interior length 42 mm
 Interior width 22 mm
 Interior height 13 mm
 Material steel
 Surface galvanised

Order no.
 9630 000 220

Accessories

Description	Order no.
Washer, 42 x 22 x 1,5 mm	9630 000 650
Strips, 180 x 25 mm	9630 001 070

**Oval eyelet**

Material brass

Length	Width	Height	Order no.
17 mm	11 mm	8 mm	9630 000 630
42 mm	22 mm	13 mm	9630 000 450

**Oval eyelet**

Length 22,5 mm
 Width 13,5 mm
 Height 9 mm
 Material brass
 Surface nickel-plated

Order no.
 9081 022 212

**Slot loop**

Length 40 mm
 Width 10 mm
 Height 10,3 mm
 Form oval
 Surface galvanised

Order no.
 9630 000 635

**Slot loop**

Version narrow
 Length 38 mm
 Width 8 mm
 Height 10,3 mm
 Form rectangular
 Surface galvanised

Order no.
 9630 001 295



Hoop cramp for round eye 36/40 mm and oval eye 42 x 22 mm

Overall length 71 mm
Width 20 mm
Distance between holes 51 mm



Interior height	Interior width	Surface	Order no.
21 mm	21 mm	galvanised	9630 000 655
25 mm	21 mm	galvanised	9630 000 660
30 mm	21 mm	galvanised	9081 314 460
30 mm	21 mm	Nirosta	9630 000 035
38 mm	21 mm	galvanised	9630 000 320
45 mm	21 mm	galvanised	9639 000 005
55 mm	21 mm	galvanised	9630 000 665
30 mm	26 mm	galvanised	9639 000 007

Hoop cramp for round eye 36/40 mm and oval eye 42 x 22 mm

Version with 4 rivet holes
Overall length 65 mm
Width 40 mm
Interior width 20 mm
Distance between holes 51 mm
Surface galvanised

Interior height	Order no.
25 mm	9630 000 670
30 mm	9630 000 290



Hoop cramp for 36/40 mm round eye and 42 x 22 mm oval eye

Version with square plate
Overall length 40 mm
Width 40 mm
Interior width 20 mm
Interior height 30 mm
Distance between holes 26 mm
Surface galvanised

Order no.
9630 000 340



Hoop cramp for round eye 36/40 mm and oval eye 42 x 22 mm

Version foldable
Overall length 72 mm
Width 22 mm
Interior width 20 mm
Distance between holes 51 mm
Surface galvanised

complies with customs regulations

Interior height	Order no.
25 mm	9630 000 685
37 mm	9630 000 010
45 mm	9630 000 020
55 mm	9630 000 690



Hoop cramp for round eye 36/40 mm and oval eye 42 x 22 mm

Version	foldable, with welded-on counterplate
Overall length	45 mm
Width	21 mm
Interior width	20 mm
Distance between holes	28 mm
Surface	galvanised

complies with customs regulations

Interior height	Order no.
25 mm	9081 315 030
37 mm	9630 000 695
45 mm	9630 000 440



Hoop cramp for round eye 36/40 mm and oval eye 42 x 22 mm

Version	foldable
Overall length	45 mm
Width	20 mm
Interior width	20 mm
Distance between holes	28 mm
Surface	galvanised

does not comply with customs regulations

Interior height	Order no.
37 mm	9081 313 780
45 mm	9081 313 300
55 mm	9081 314 430



Hoop cramp for round eye 40 mm and oval eye 42 x 22 mm

Overall length	76 mm
Width	25 mm
Interior width	28 mm
Interior height	30 mm
Distance between holes	55 mm
Surface	galvanised

Order no.
9630 001 156



Flat cramp for oval eye 42 x 22 mm

Overall length	78 mm
Hoop width	28 mm
Height	18 mm
Distance between holes	57 mm
Surface	hot-galvanised

Order no.
9630 000 070



Belt cramp**for slotted eye 27 x 8 mm and 27 x 7 mm**

Width	15 mm
Interior width	16 mm
Distance between holes	34 mm
Surface	galvanised

Height	Order no.
11 mm	9630 000 060
15 mm	9630 000 055
17 mm	9630 000 056



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Body parts

Belt cramp**for slotted eye 38 x 8 mm**

Version	medium size
Width	15 mm
Interior width	22 mm
Height	15 mm
Overall length	61 mm
Distance between holes	46 mm
Surface	galvanised

Order no.
9630 001 170

**Belt cramp****for slotted eye 38 x 8 mm and 40 mm**

Width	15 mm
Interior width	26 mm
Distance between holes	51 mm
Surface	galvanised

Height	Order no.
16 mm	9630 000 040
20 mm	9630 000 061
25 mm	9630 000 050
30 mm	9630 000 092
35 mm	9630 000 093

**Belt cramp****complies with customs regulations**

Version	foldable
Overall length	72 mm
Width	20 mm
Interior width	20 mm
Height	25 mm
Distance between holes	51 mm
Surface	galvanised

Order no.
9630 001 201



Screw closure for oval eye 42 x 22 mm

Version	with Nirosta spring
Length	66 mm
Width	15 mm
Height	17 mm
Distance between holes	51 mm
Surface	galvanised

Order no.

9630 000 080



Screw closure for oval eye 42 x 22 mm

Version	foldable, with Nirosta spring
Length	66 mm
Width	15 mm
Height	21 mm
Distance between holes	51 mm
Surface	galvanised

Order no.

9630 000 081



Screw closure for oval eye 42 x 22 mm

Length	70 mm
Width	34 mm
Height	13 mm
Distance between holes	53 mm
Colour	grey
Material	polyamide

Order no.

9630 000 705



Screw closure for oval eye 22.5 x 12,5 mm

Length	41 mm
Width	12,5 mm
Height	11 mm
Distance between holes	30,5 mm
Material	brass

Order no.

9630 001 220

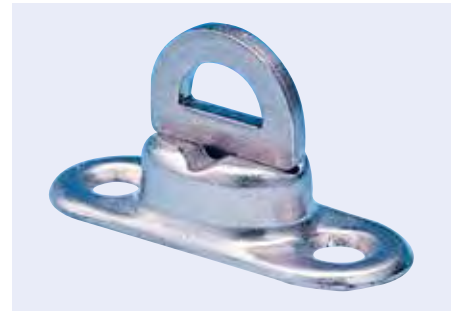


Screw closure for oval eye 17 x 11 mm

Length	35 mm
Width	13 mm
Height	8 mm
Distance between holes	23,5 mm
Material	brass
Surface	nickel-plated

Order no.

9630 001 335



Screw closure for oval eye 17 x 11 mm

Length	35 mm
Width	13 mm
Distance between holes	23,5 mm
Material	brass

Height

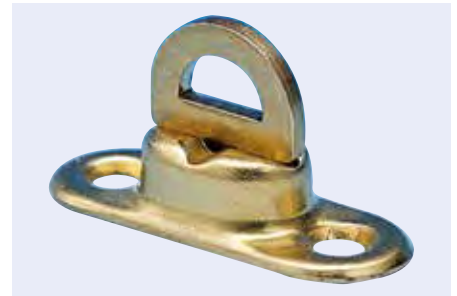
Order no.

8 mm

9630 000 710

11 mm

9639 000 009



Tarpaulin hook

Version	reinforced, with rounded-off edges
Length	66 mm
Width	20 mm
Distance between holes	20 mm
Material	plastic

Application range
for skid fastener

Colour

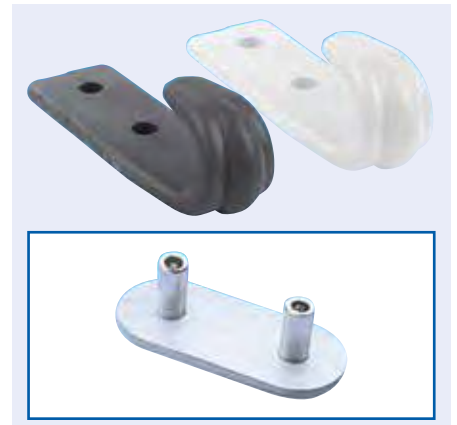
Order no.

grey

9630 000 250

white

9630 001 190



Accessories

Description

Order no.

Rivet base, white, 36 x 16 x 12 mm, Distance between holes 20 mm

9630 000 755

Rivet base, white, 67 x 16 x 10 mm, Distance between holes 51 mm

9630 001 205

Tarpaulin hook

Version	closed shape
Colour	white
Length	62 mm
Width	20 mm
Distance between holes	20 mm
Material	plastic

Order no.

9630 001 101

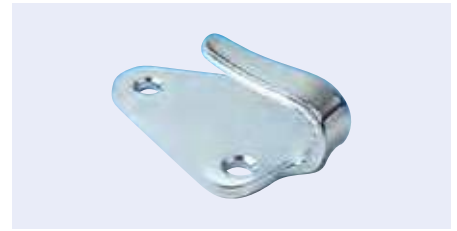


Tarpaulin hook

Version punched
 Length 50 mm
 Width 39 mm
 Surface galvanised

Order no.

9630 000 730



Tarpaulin hook

Surface hot-galvanised

Version	Length	Width	Order no.
small	50 mm	40 mm	9630 000 090
large	55 mm	45 mm	9081 311 260



Tarpaulin hook

Length 39 mm
 Width 47 mm
 Distance between holes 34 mm
 Surface galvanised

Order no.

9639 000 011



Tarpaulin hook

Length 50 mm
 Width 41 mm
 Ø 18 mm
 Surface hot-galvanised

Order no.

9630 001 065



Tarpaulin hook

Colour grey
 Length 45 mm
 Width 45 mm
 Material plastic

Order no.

9630 000 530

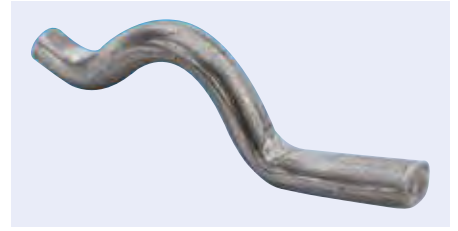


Tarpaulin hook

Version for welding on
 Overall length 82 mm
 Ø 8 mm
 Surface bright

Order no.

9081 413 450



Flat hook

Distance between holes 20 mm

Length	Width	Thickness	Surface	Order no.
55 mm	13 mm	3 mm	galvanised	9634 032 001
68 mm	15 mm	2,5 mm	galvanised	9630 000 420
68 mm	15 mm	2,5 mm	hot-galvanised	9630 000 725
74 mm	15 mm	2 mm	galvanised	9639 000 013



Bracing hook

Length 65 mm
 Width 20,5 mm
 Distance between holes 45 mm
 Surface galvanised

Order no.

9634 114 501



Ring hook

Length 49 mm
 Width 45 mm
 Ø 18 mm
 Material plastic

Order no.

9630 000 300



Ring hook

Length 50 mm
 Width 45 mm
 Ø 18 mm
 Surface hot-galvanised

Order no.

9630 000 310



S-hook

Surface galvanised

Length	∅	Thickness	Order no.
30 mm	9 mm	3 mm	9630 462 300
40 mm	11 mm	3,8 mm	9630 000 330
45 mm	15 mm	4,2 mm	9630 000 470
60 mm	18 mm	5,7 mm	9630 000 480



Spring hook

Length 46 mm
 Hoop width 25 mm
 Surface galvanised
 ∅ 12 mm

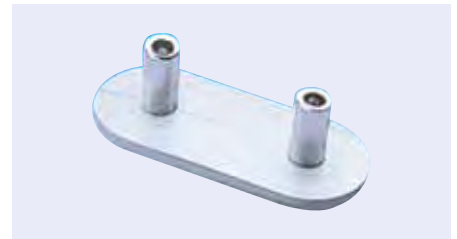
Order no.
9630 000 745



Rivet base

Width 16 mm
 Colour white
 Material plastic

Height	Distance between holes	Order no.
12 mm	20 mm	9630 000 755
10 mm	51 mm	9630 001 205



Rivet base

Material PE



Version	∅	Distance between holes	Colour	Order no.
1-hole	17,5 mm		transparent	9630 000 760
2-hole		20 mm	transparent	9630 000 765
2-hole		25 mm	grey	9630 000 775
2-hole		34 mm	transparent	9630 000 780
2-hole		51 mm	transparent	9630 000 785

Rivet base

Version 1-hole
 ∅ 18 mm
 Colour beige
 Material belt material

Order no.
9630 505 014



Hollow rivet

Material steel
Surface galvanised

The material to be riveted should be 3-5 mm thinner than the length of the hollow rivet.

Version	Length	Outer \varnothing	Order no.
Calott	10 mm	10 mm	9630 000 790
Calott	12 mm	13 mm	9630 000 795
double Calott	10 mm	10 mm	9639 000 023
double Calott	12 mm	13 mm	9639 000 027



6

Body parts

Hollow rivet

Length 14 mm
Outer \varnothing 13 mm
Material steel
Surface galvanised

The material to be riveted should be 3-5 mm thinner than the length of the hollow rivet.

Version	Order no.
Calott	9630 000 800
double Calott	9632 021 850

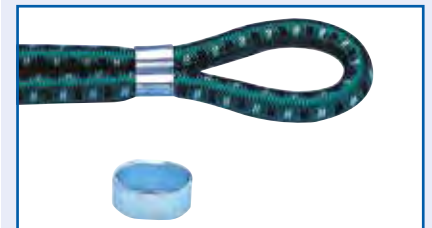
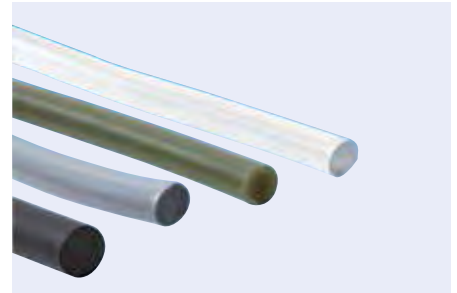


Tarpaulin rope

\varnothing 8 mm

cadmium-free

Length	Material	Colour	Order no.
100 m	plastic	transparent	9081 311 130
100 m	plastic, with nylon insert	transparent	9630 000 510
100 m	plastic	silver	9630 000 120
100 m	sisal	transparent	9081 314 370
250 m	sisal	transparent	9630 001 195



Accessories

Description	Order no.
Twist clamp, galvanised, \varnothing 8 mm	9630 000 885
Twist clamp, galvanised, \varnothing 10 mm	9630 000 075

Rope end lock

Surface galvanised

Version	Length	\varnothing	Fig.	Order no.
without simplex hook	57 mm	6 mm	1	9630 001 045
without simplex hook	70 mm	8 mm	1	9630 000 845
without simplex hook	70 mm	10 mm	1	9630 001 310
with simplex hook	90 mm	6 mm	2	9630 000 855
with simplex hook	120 mm	8 mm	2	9630 000 130
with simplex hook	120 mm	9 mm	2	9630 001 235
with simplex hook	120 mm	10 mm	2	9630 000 860



Simplex hook

Standard DIN 5287
Surface galvanised

Length	∅	Order no.
40 mm	9 mm	9639 000 017
55 mm	10 mm	9630 000 735



Customs rope

Version with steel wire TIR

Length	∅	Order no.
100 m	8 mm	9630 000 160
250 m	6 mm	9630 000 161



Customs rope

Length 42 m
∅ 8 mm

Order no.
3003 430 877



Customs rope

∅ 6 mm

Length	Version	Order no.
33 m		8000 000 233
41 m	with end stops	8000 000 235



Rope end lock

Surface galvanised

complies with customs regulations

Length	∅	Order no.
58 mm	6 mm	9630 000 865
70 mm	8 mm	9081 314 390

Accessories

Description	Order no.
Oval pipe rivet, brass, ∅ 6 mm	9630 000 830
Oval pipe rivet, brass, ∅ 8 mm	9630 000 835
Pointed rivet, aluminium, Length 15 mm	9081 314 410



Tool set for cable end

∅	Order no.
6 mm	9630 000 102
8 mm	9630 000 100

Accessories

Description	Order no.
Tip, hardened, for 6 and 8 mm	9630 000 410



Customs tape

TIR

Length 50 m
 Thickness 3 mm
 Material PVC with fabric reinforcement
 Customs number III B2-Z 1209 - 4/73

Width	Order no.
20 mm	9630 000 171
24 mm	9630 000 170



Customs sealing strip

TIR

Length 250 m
 Width 9 mm
 Colour silver

Order no.
9630 050 000



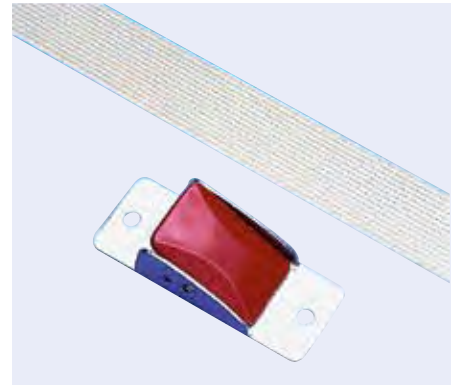
Clamp lock

Length 74 mm
Width 25 mm

Application range
for customs seal 24 x 3 mm

Order no.

9633 602 400



Expander rope

Length 100 m

cadmium-free

Colour	∅	Order no.
grey	8 mm	9630 000 015
green	8 mm	9630 000 875
black	8 mm	9631 200 870
white	10 mm	9630 000 360

Accessories

Description	Order no.
Plastic wedge, ∅ 6/8 mm	9630 000 880
Twist clamp, galvanised, ∅ 8 mm	9630 000 885
Twist clamp, galvanised, ∅ 10 mm	9630 000 075
Rope clamp, galvanised, ∅ 8 mm	9636 220 801

Expander rope

Length 100 m
Colour black
∅ 6 mm

Order no.

9630 200 670



Tension belt Expander

both ends made up with spiral hooks

Colour blue
∅ 9 mm

Length	Order no.
600 mm	2420 336 073
800 mm	2420 338 073
1000 mm	2420 331 073



Spiral hook for stretch cord

Version plastic coated
Colour black

Length	Hoop width	∅	Order no.
74 mm	13 mm	8 mm	9630 000 750
75 mm	16 mm	10 mm	9630 551 000



Spring hook for stretch cord

Length 72 mm
Hoop width 12 mm
∅ 8 mm
Colour black
Material plastic

Order no.
9630 000 091



Round button

∅ 26 mm
Material plastic

Application range
for stretch cord 6 and 8 mm

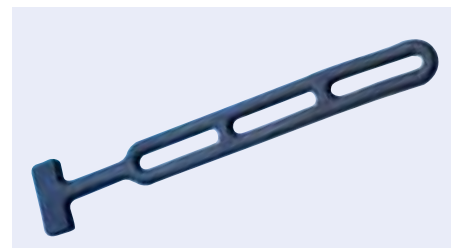
Order no.
9630 001 113



Rubber slings

Length 280 mm
Width 40 mm
∅ 8 mm
Colour black
Material rubber

Order no.
9630 000 500



Rubber slings

Width 40 mm
 ∅ 10 mm

Length	Order no.
180 mm	9630 000 941
250 mm	9630 000 945



Clamping ring

∅ 8 mm
 Material rubber

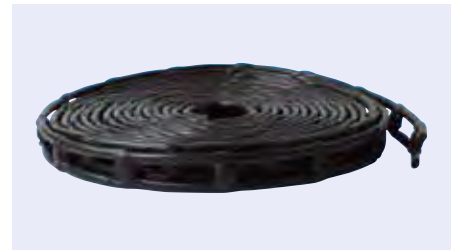
Length	Order no.
200 mm	9630 000 380
250 mm	9630 000 390
400 mm	9630 000 350



Tightening strap

Length 10 m
 Width 32 mm
 ∅ 10 mm
 Colour black
 Material rubber

Order no.
9630 000 948



Buckle belt with welded roller buckle

Width 20 mm
 Distance between holes 22 mm
 Colour beige
 Material plastic

Length	Order no.
250 mm	9630 000 890
350 mm	9630 000 181
500 mm	9630 000 895
600 mm	9630 000 182



Buckle cap with welded roller buckle

Version with base
 Length 85 mm
 Width 20 mm
 Distance between holes 20 mm
 Colour beige
 Material plastic

Order no.
9630 000 200

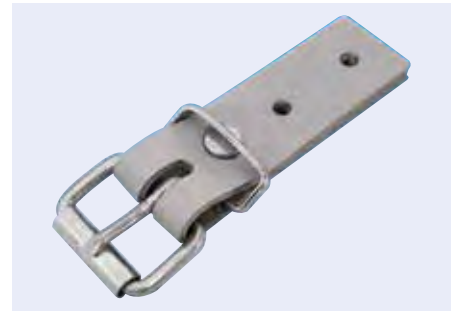


Buckle cap with welded roller buckle

Version	without base
Length	85 mm
Width	25 mm
Distance between holes	25 mm
Colour	beige
Material	plastic

Order no.

9630 703 254



Strips

Width	25 mm
Distance between holes	20 mm
Colour	beige
Material	plastic

Length

Order no.

170 mm

9639 000 047

190 mm

9630 000 905

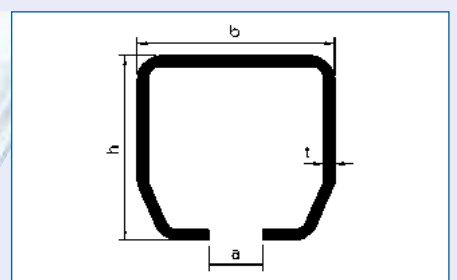
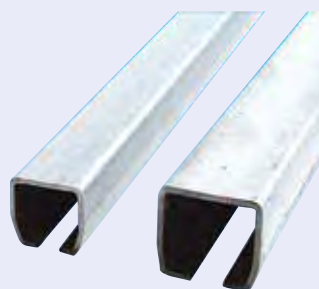


Belt rivet

Length	15 mm
Head \varnothing	11 mm
\varnothing	4 mm
Material	aluminium
Standard	DIN 674

Order no.

9630 000 825



Runner

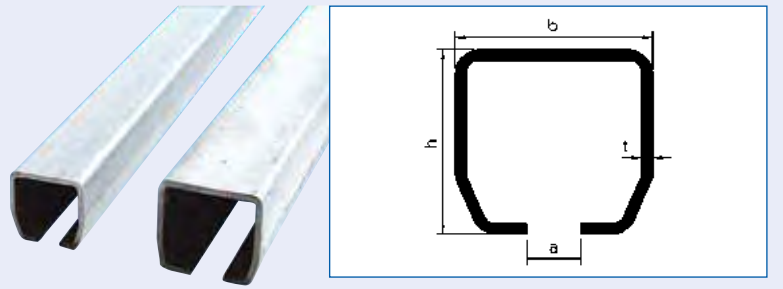
Profile	45
Length	6000 mm
a	8 mm
b	25 mm
h	24 mm
t	1,4 mm
Load capacity	45 kg
Colour	silver
Surface	Sendzimir galvanised

Application range

for side curtain

Order no.

9630 001 280

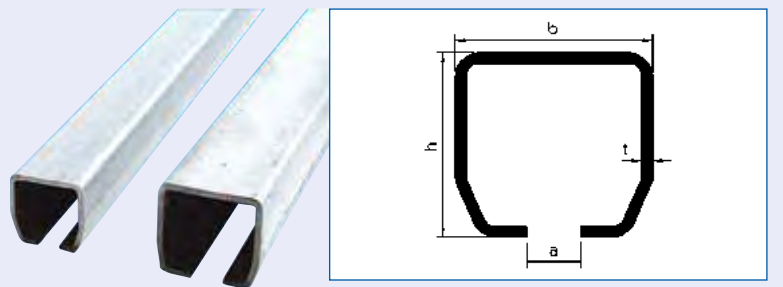


Runner

Profile	100
Length	6000 mm
a	8 mm
b	30 mm
h	28 mm
t	1,75 mm
Load capacity	80 kg
Surface	galvanised

Order no.

9081 215 920



Runner

Profile	300
Length	6000 mm
a	11 mm
b	40 mm
h	35 mm
t	2,75 mm
Load capacity	100 kg
Surface	galvanised

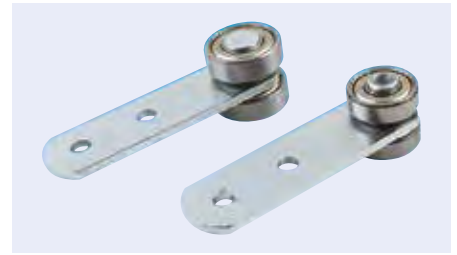
Order no.

9081 215 930

Curtain roller

Length 72 mm

suitable for	Width	Roll \varnothing	Order no.
Profil 45	19 mm	20 mm	9630 001 255
Profil 100	21 mm	22 mm	9630 001 260



Double roller

Version with ball bearing F = 200N
Surface galvanised

suitable for	Length	Width	Roll \varnothing	Order no.
Profil 45	40 mm	19 mm	20 mm	9630 001 265
Profil 100	72 mm	21 mm	22 mm	9630 001 270



Roller

suitable for Profil 300
Version very strong
Length 116 mm
Width 26 mm
Roll \varnothing 28 mm
Surface galvanised

Order no.

9631 103 001

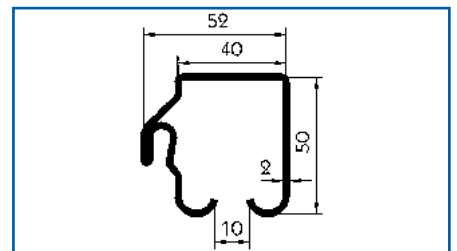


Steel profile

Version with adapter for rubber seal
Type 52
Length 7000 mm
Height 50 mm
Surface galvanised

Order no.

9630 000 505



Curtain roller

Version with type G slide bearing
Length 120 mm
Width 35 mm
Roll \varnothing 37 mm
Distance between holes 29 mm
Surface galvanised

Application range
for steel profile 52

Order no.

9630 000 146



Curtain roller

Version	with ball bearing
Length	125 mm
Width	40 mm
Roll \varnothing	37 mm
Thickness	5 mm
Distance between holes	28 mm
Surface	galvanised

Application range
for standard profile

Order no.

9630 001 370



Curtain roller

Length	120 mm
Width	30 mm
Roll \varnothing	31 mm
Distance between holes	28 mm
Surface	galvanised

Application range
for small profile

Order no.

9630 001 274



Curtain roller

Length	121 mm
Width	32 mm
Roll \varnothing	36 mm
Thickness	4 mm
Distance between holes	28 mm
Surface	galvanised

Application range
for type A, B, C aluminium profiles

Order no.

9630 000 999



Double roller

Version	one-sided, with ball bearing
Type	162
Width	19 mm
Roll \varnothing	32 mm
Thickness	5 mm
Surface	galvanised

Order no.

9081 344 201



Accessories

Description	Roller, associated M6 x 25 binding head bolts (order number 7771 018 913)
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Order no.

7771 026 011



Tarpaulin roller for sliding stanchion

Order no.
7773 713 330

Comparative no.
Schmitz 371333



6

Body parts

Roller for platform truck

Version with tongue

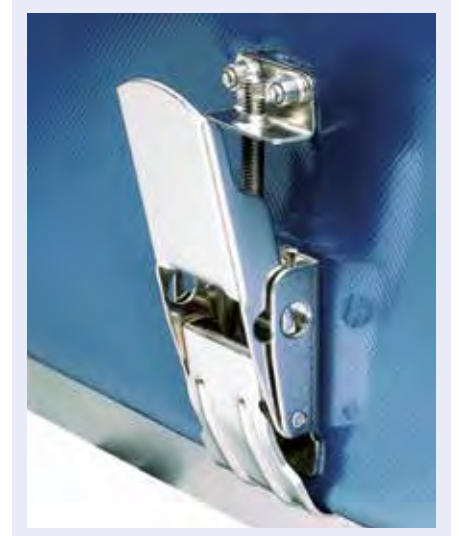
Order no.
9840 030 450



Direct spread

Type	2000
Version	with screw adjustment
Length	160 mm
Width	60 mm
Height	20 mm
Distance between holes	28 mm

Order no.
9631 004 820



Tipper safety clamp

Version	with brake, belt and Nirosta flat hook
Length	132 mm
Width	62 mm
Height	20 mm
Material	Nirosta

Application range
for truck side plate system

Dekra tested

Order no.
9630 155 120



Tipper safety clamp

Length	132 mm
Width	62 mm
Height	20 mm
Distance between holes	28 mm
Material	Nirosta

Application range

for truck side tarpaulin system

Version	Order no.
with belt and Nirosta flat hook	9630 001 341
with belt and galvanised wire hook	9630 001 340



Over dead centre tensioner

Length	132 mm
Width	62 mm
Height	20 mm
Distance between holes	28 mm
Material	Nirosta

Application range

for truck side tarpaulin system

Order no.
9630 054 820



Over dead centre tensioner

Version	with belt and zinc-nickel flat hook
Length	152 mm
Width	57 mm
Height	24 mm
Material	Nirosta

Application range

for truck side tarpaulin system

Order no.
9631 134 908



Over dead centre tensioner

Version	with belt and wire hook
Length	155 mm
Width	65 mm
Height	25 mm
Distance between holes	28 mm
Material	Nirosta

Application range

for truck side tarpaulin system

Order no.
9633 113 482



Over dead centre tensioner

Version	with belt and Nirosta flat hook
Length	175 mm
Width	45 mm
Height	25 mm
Distance between holes	28 mm
Material	Nirosta

Application range

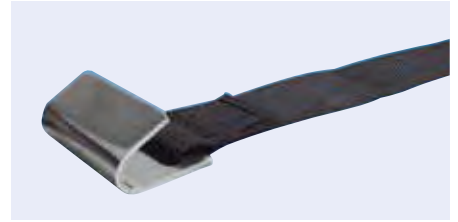
for truck side tarpaulin system

Order no.
9630 135 020



Spare belt with flat hook

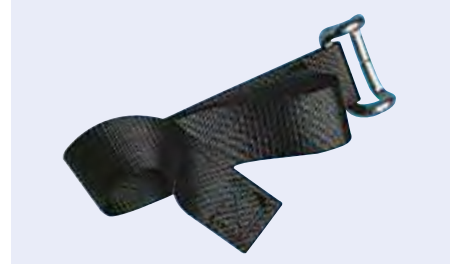
Length	Material	Order no.
650 mm	Nirosta	9690 226 543
650 mm	zinc-nickel	9630 216 508
850 mm	galvanised	9603 123 480



Spare belt with wire hook

Surface galvanised

Length	Order no.
650 mm	9633 120 654
850 mm	9631 204 800



Strap

Load capacity 2600 dAN
Tensile strength 2400 kg
Dimensions 45 x 2,3 mm
Colour black
Material polyester

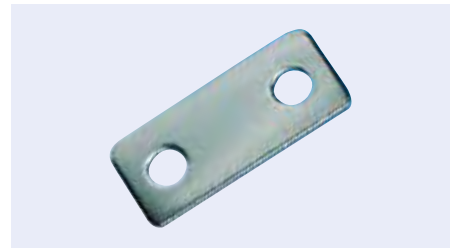
Order no.
9630 000 502



Counterplate

Length 45 mm
Width 20 mm
Thickness 1,5 mm
Distance between holes 28 mm
Material Nirosta

Order no.
9630 252 820



Counterplate

Length 45 mm
Width 20 mm
Thickness 2 mm
Distance between holes 28 mm
Thread M6 x 14
Material Nirosta

Application range

for truck side plate system

Scope of supply

with 2 bolts and 2 nuts

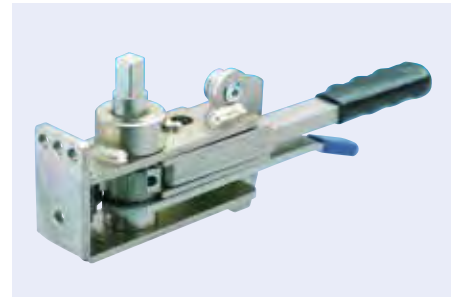
Order no.
9630 000 145



Tarpaulin clamp ratchet Type R44

Version with square adapter 12 x 12 mm
 Length 160 mm
 Height 40 mm
 Width 70 mm

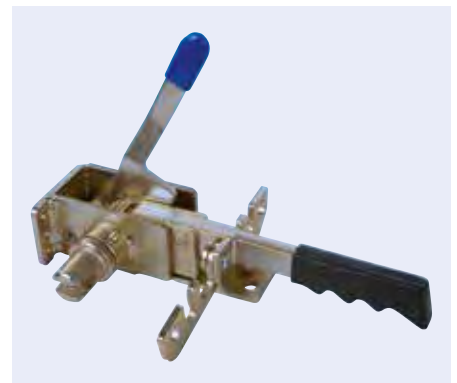
Installation location	Order no.
front left, rear right	9630 114 401
front right, rear left	9630 124 401



Tarpaulin clamp ratchet Type R45

Version with slotted adapter
 Length 160 mm
 Height 50 mm
 Width 70 mm

Installation location	Order no.
front left, rear right	9631 134 810
front right, rear left	9631 134 820



Tarpaulin clamp ratchet

Version with slotted adapter
 Length 160 mm
 Width 40 mm
 Height 70 mm

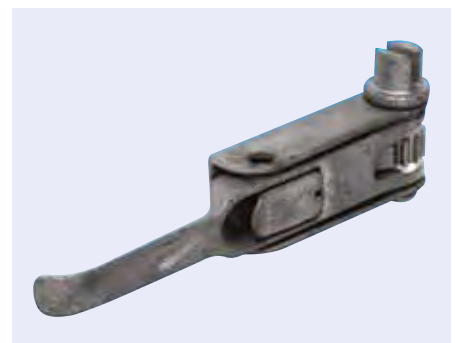
Installation location	Order no.
front left, rear right	9840 905 493
front right, rear left	9840 905 593



Tarpaulin clamp ratchet Tender

Version with slotted adapter
 Installation location rear
 Length 133 mm
 Width 37 mm
 Height 50 mm
 Surface galvanised

Installation side	Order no.
left	9089 051 110
right	9089 051 120

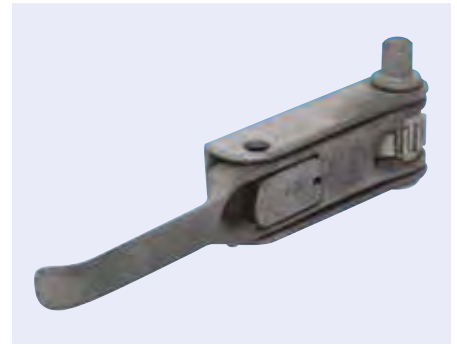


Tarpaulin clamp ratchet

Tender

Version	with square adapter 12 x 12 mm
Installation location	rear
Length	133 mm
Width	36 mm
Height	50 mm
Surface	galvanised

Installation side	Order no.
left	9089 051 010
right	9089 051 020



Tarpaulin clamp ratchet

Version	with \varnothing 25 mm slotted seat
Overall length	290 mm
Width	35 mm
Height	81 mm
\varnothing	25 mm
Material	steel
Surface	galvanised, dacrotized

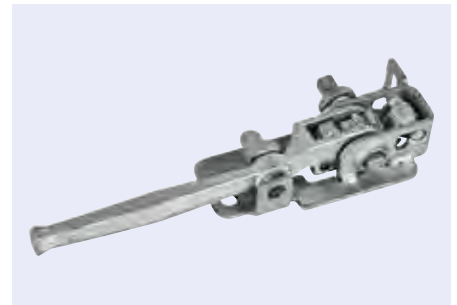
Installation side	Order no.
left	3002 430 134
right	3002 430 133



Tarpaulin clamp ratchet

Version	with 12 x 12 mm square adapter
Overall length	290 mm
Width	35 mm
Height	81 mm
Material	steel
Surface	galvanised, dacrotized

Installation side	Order no.
left	3002 414 555
right	3002 414 556



Tarpaulin clamp ratchet

Installation location	rear
Length	280 mm
Width	40 mm
Height	66 mm
Material	steel
Surface	coated

Installation side	Order no.
left	4245 815 100
right	4245 815 101



Tarpaulin clamp ratchet

Installation location front

Installation side	Order no.	Comparative no.
left	7771 034 432	Schmitz 1034432
right	7771 034 433	Schmitz 1034433

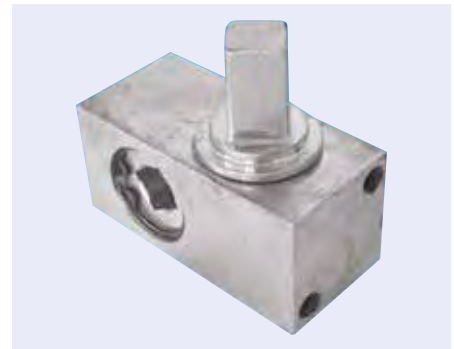


Clamping gear

Version with square adapter 12 x 12 mm
 Width 30 mm
 Height 30 mm
 Depth 63 mm
 Square 10 mm
 Surface galvanised

Order no.

9089 000 050



Clamping gear for hand crank

Version with slotted adapter
 Width 50 mm
 Height 50 mm
 Depth 78 mm
 Square 14 mm
 Surface primed

Order no.

9089 048 930



Clamping gear for hand crank

Type 40
 Version with slotted entry
 Installation side left/right
 Width 38 mm
 Height 38 mm
 Depth 73 mm
 Square 14 mm
 Surface galvanised

Order no.

7809 900 006



6

Body parts

Hand crank for tightening gear unit

Square 14 mm
Surface galvanised

Order no.

9840 909 693



6

Body parts

Hand crank

Installation side left/right
Square 10/14 mm
Surface galvanised

Order no.

9080 000 521



Clamping gear with crank

Installation location rear
Material cast iron
Surface chromated

Installation side

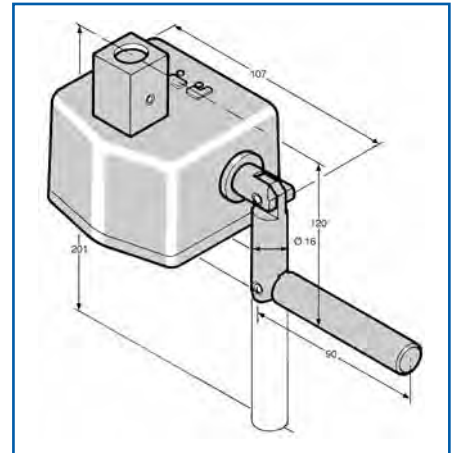
Order no.

left

8000 004 926

right

8000 004 932



Clamping gear with crank

Version with square adapter
Installation location rear

Installation side

Order no.

Comparative no.

left

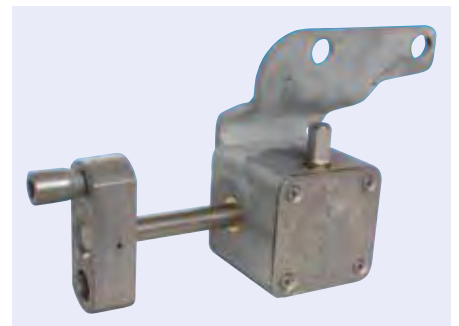
7774 200 930

Schmitz 420093

right

7774 200 920

Schmitz 420092



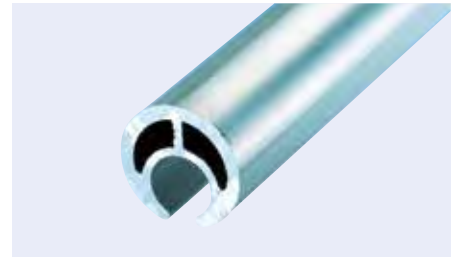
Round profile

Length 2700 mm
 Ø 27 mm
 Material aluminium

Application range
 for 13 mm tent welt

Order no.

9631 227 300



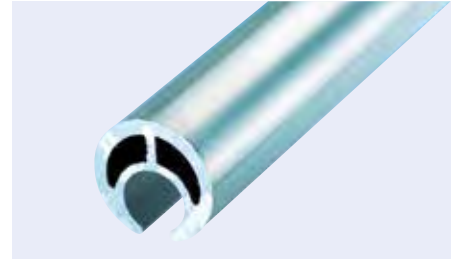
Round profile

Length 3000 mm
 Ø 27 mm
 Material aluminium

Application range
 for 13 mm tent welt

Order no.

9631 123 030



Round profile for side stretch-tarpaulin systems

Length 3300 mm
 Ø 27 mm
 Material aluminium

Application range
 for tent piping 13 mm

Order no.

9630 123 330



Accessories

Description	Order no.
Adapter, Ø 27 mm, top, brass	9080 900 312
Adapter, Ø 27 mm, bottom, with inner square 12 x 12 mm	9080 900 322

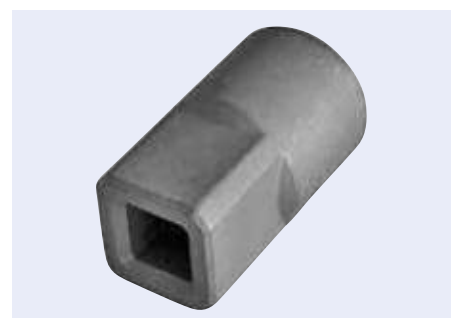


Adapter for PWP tarp draw-in tube with square fixing

Version with inner square 12 x 12 mm
 Installation location bottom
 Length 60 mm
 Ø 27 mm
 Material stainless steel

Order no.

9080 025 355

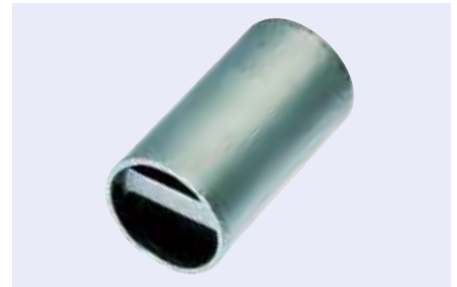


Adapter for small tarp draw-in tube

Version	with slot
Installation location	bottom
Length	60 mm
∅	27 mm
Material	Nirosta

Order no.

9631 083 520



Adapter for small tarpaulin draw-in tube

Version	with inner square 12 x 12 mm
Installation location	bottom
Length	60 mm
∅	27 mm
Material	brass

Order no.

9630 083 211



Adapter for small tarpaulin draw-in tube

Installation location	top
Length	60 mm
∅	27 mm
Material	brass

Order no.

9630 082 711



Adapter for aluminium tarpaulin draw-in tube

Version	with inner square 12 x 12 mm
Installation location	bottom
Length	55 mm
∅	34 mm
Material	brass

Order no.

9633 104 341



Adapter for aluminium tarp draw-in tube

Type	R34
Version	with slot V2A
Installation location	bottom
∅	34 mm
Material	stainless steel

Order no.

9080 999 210



Adapter for aluminium tarpaulin draw-in tube

Version	with tip
Installation location	top
Length	120 mm
∅	34 mm
Material	brass

Order no.

9631 043 611



Adapter for aluminium tarpaulin draw-in tube

Version	with inner square
Installation location	bottom
Length	55 mm
∅	34 mm
Material	Nirosta

Order no.

9631 043 320



Round profile

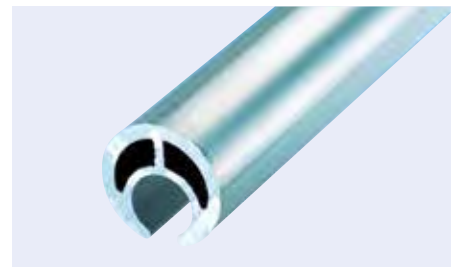
Length	3115 mm
∅	25 mm

Order no.

7777 108 140

Comparative no.

Schmitz 710814



Adapter for tarpaulin draw-in tube

Order no.

7776 428 110

Comparative no.

Schmitz 642811



Adapter for tarpaulin draw-in tube

∅	25 mm
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Order no.

7776 453 400

Comparative no.

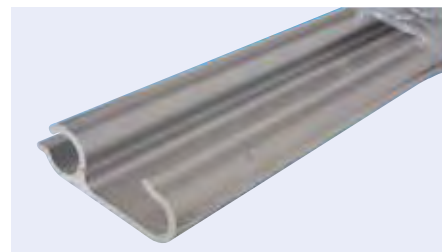
Schmitz 1074432



Hook profile

Type AE
 Length 3300 mm
 Width 19 mm
 Height 61 mm
 Material aluminium

Length	Order no.
3300 mm	9630 013 330



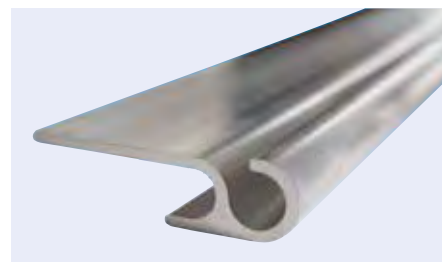
6

Body parts

Hook profile

Type BE
 Width 20 mm
 Height 70 mm
 Material aluminium

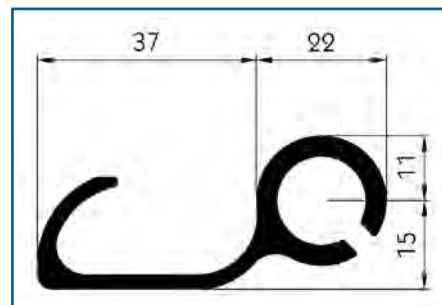
Length	Order no.
3000 mm	9631 033 030
3300 mm	9630 033 330



Hook profile

Length 3300 mm
 Material aluminium

Length	Order no.
3300 mm	9840 901 293



Tarpauling repair set

32-piece

self-adhesive with high bond strength, permanent repair on the spot in minutes

Scope of supply

3 of 300 x 200 mm, 3 of 200 x 200 mm, 4 of 300 x 100 mm, 4 of 200 x 100 mm, 6 of 100 x 100 mm, 6 of 200 x 50 mm, 6 of 100 x 50 mm



This figure corresponds to 1231 700 014

Colour	Colour code	Order no.
ivory	RAL 1014	1231 700 022
zinc yellow	RAL 1018	1231 700 017
gorse yellow	RAL 1032	1231 700 025
pure orange	RAL 2004	1231 700 024
deep orange	RAL 2011	1231 700 021
fire red	RAL 3000	1231 700 014
marine blue	RAL 5002	1231 700 012
sapphire blue	RAL 5003	1231 700 026
gentian blue	RAL 5010	1231 700 030
light blue	RAL 5012	1231 700 018
cobalt blue	RAL 5013	1231 700 027
royal blue	RAL 543	1231 700 029
emerald green	RAL 6001	1231 700 016
moss green	RAL 6005	1231 700 028
yellow-green	RAL 6018	1231 700 023
brown-grey	RAL 7013	1231 700 020
light grey	RAL 7035	1231 700 015
black	RAL 9005	1231 700 019
silver	RAL 9006	1231 700 013
white	RAL 9010	1231 700 011



6

Body parts

Tarpauling repair set

Easy Patch 50, 10-piece

Scope of supply

2 of 400 x 50 mm, 3 of 300 x 50 mm, 3 of 200 x 50 mm, 2 of 100 x 50 mm, 1 cutting template, 10 degreasing pads

Colour	Colour code	Order no.
ivory	RAL 1014	1231 700 043
zinc yellow	RAL 1018	1231 700 038
gorse yellow	RAL 1032	1231 700 039
pure orange	RAL 2004	1231 700 045
deep orange	RAL 2011	1231 700 040
fire red	RAL 3000	1231 700 036
marine blue	RAL 5002	1231 700 032
sapphire blue	RAL 5003	1231 700 046
gentian blue	RAL 5010	1231 700 050
light blue	RAL 5012	1231 700 034
cobalt blue	RAL 5013	1231 700 047
royal blue	RAL 543	1231 700 049
emerald green	RAL 6001	1231 700 041
moss green	RAL 6005	1231 700 048
yellow-green	RAL 6018	1231 700 044
brown-grey	RAL 7013	1231 700 042
light grey	RAL 7035	1231 700 033
black	RAL 9005	1231 700 037
silver	RAL 9006	1231 700 035
white	RAL 9010	1231 700 031



Tarpaulin repair set Easy Patch 100, 10-piece

Scope of supply

2 of 400 x 100 mm, 3 of 300 x 100 mm, 3 of 200 x 100 mm, 2 of 100 x 100 mm, 1 cutting template, 10 degreasing pads

Colour	Colour code	Order no.
ivory	RAL 1014	1231 700 064
zinc yellow	RAL 1018	1231 700 059
gorse yellow	RAL 1032	1231 700 061
pure orange	RAL 2004	1231 700 063
deep orange	RAL 2011	1231 700 057
fire red	RAL 3000	1231 700 058
marine blue	RAL 5002	1231 700 053
sapphire blue	RAL 5003	1231 700 066
gentian blue	RAL 5010	1231 700 070
light blue	RAL 5012	1231 700 054
cobalt blue	RAL 5013	1231 700 067
royal blue	RAL 543	1231 700 069
emerald green	RAL 6001	1231 700 060
moss green	RAL 6005	1231 700 068
yellow-green	RAL 6018	1231 700 065
brown-grey	RAL 7013	1231 700 062
light grey	RAL 7035	1231 700 055
black	RAL 9005	1231 700 056
silver	RAL 9006	1231 700 051
white	RAL 9010	1231 700 052

Tarpaulin patches

self-adhesive with high bond strength, permanent repair on the spot in minutes



Colour	Colour code	Dimensions	Order no.
ivory	RAL 1014	300 x 200 mm	1231 700 085
zinc yellow	RAL 1018	300 x 200 mm	1231 700 078
gorse yellow	RAL 1032	300 x 200 mm	1231 700 083
pure orange	RAL 2004	300 x 200 mm	1231 700 082
deep orange	RAL 2011	300 x 200 mm	1231 700 080
fire red	RAL 3000	300 x 200 mm	1231 700 074
fire red	RAL 3000	500 x 210 mm	1231 700 094
marine blue	RAL 5002	300 x 200 mm	1231 700 072
marine blue	RAL 5002	500 x 210 mm	1231 700 092
sapphire blue	RAL 5003	300 x 200 mm	1231 700 086
gentian blue	RAL 5010	300 x 200 mm	1231 700 089
light blue	RAL 5012	300 x 200 mm	1231 700 076
cobalt blue	RAL 5013	300 x 200 mm	1231 700 087
royal blue	RAL 543	300 x 200 mm	1231 700 090
emerald green	RAL 6001	300 x 200 mm	1231 700 077
emerald green	RAL 6001	500 x 210 mm	1231 700 096
moss green	RAL 6005	300 x 200 mm	1231 700 088
yellow-green	RAL 6018	300 x 200 mm	1231 700 084
brown-grey	RAL 7013	300 x 200 mm	1231 700 081
light grey	RAL 7035	300 x 200 mm	1231 700 075
light grey	RAL 7035	500 x 210 mm	1231 700 095
black	RAL 9005	300 x 200 mm	1231 700 079
silver	RAL 9006	300 x 200 mm	1231 700 073
silver	RAL 9006	500 x 210 mm	1231 700 093
white	RAL 9010	300 x 200 mm	1231 700 071
white	RAL 9010	500 x 210 mm	1231 700 091

Hand welder without nozzle

Voltage 230 V
Power 1600 W

Order no.

9630 130 000



Wide slot nozzle for hand welder

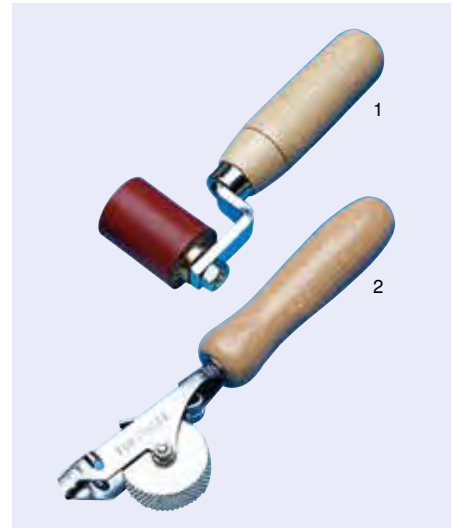
Length	Order no.
20 mm	9630 001 149
40 mm	9630 001 150



Pressure roller with wooden grip

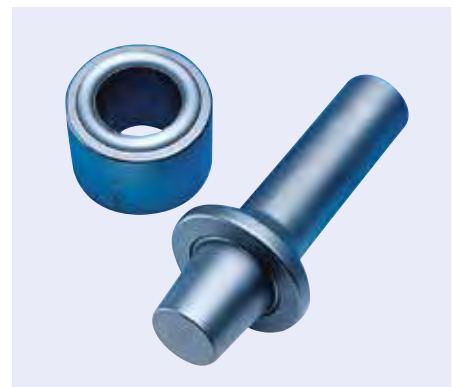
Application range
for processing tarpaulins

Version	Width	Fig.	Order no.
with ball bearing, single-arm	40 mm	1	9630 001 140
suitable for customs seal 9 mm		2	9630 000 105



Drive-in die round

∅	Order no.
10 mm	9630 001 158
12 mm	9630 001 160
14 mm	9630 001 075
16 mm	9635 001 160
20 mm	9630 001 305
25 mm	9630 000 095
36 mm	9639 000 051
40 mm	9630 000 240



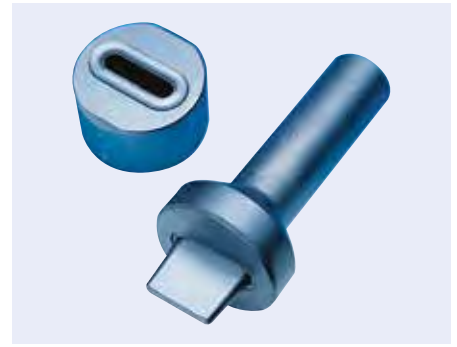
Mortice chisel round

∅	Order no.
5 mm	9630 001 350
6 mm	9630 001 355
8 mm	9630 001 360
10 mm	9630 001 365
12 mm	9630 001 165
14 mm	9630 001 348
16 mm	9630 001 346
36 mm	9639 000 053
40 mm	9630 001 110



Drive-in die oval

Length	Width	Order no.
22,5 mm	13,5 mm	9630 052 200
42 mm	22 mm	9630 000 260



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Body parts

Mortice chisel oval

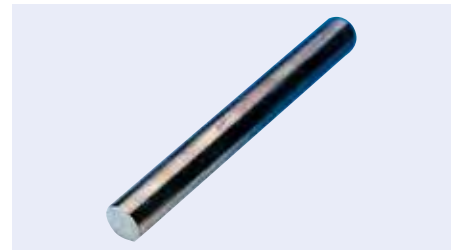
Length	Width	Order no.
22,5 mm	13,5 mm	9630 062 200
40 mm	10 mm	9639 000 055
42 mm	22 mm	9630 000 270



Rivet header for solid rivets

∅ 5 mm

Order no.
9630 000 540



Box spanner socket

Length 165 mm
Surface galvanised

Order no.
9630 000 965



Plug-in board

Version planed and rounded edges
 Length 3600 mm
 Height 96 mm
 Thickness 28 mm
 Material wood

Order no.

9199 970 020



Plug-in board

Version rounded edges
 Length 4800 mm
 Height 111 mm
 Thickness 25,5 mm
 Material wood

Order no.

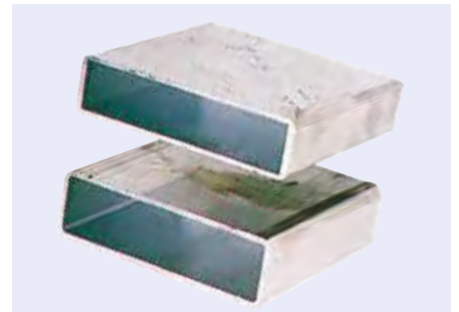
9199 970 097



Plug-in board

Material aluminium
 Overall height 100 mm

Width	Length	Order no.
25 mm	2500 mm	9086 210 451
25 mm	6000 mm	9086 210 450
30 mm	8000 mm	9086 110 410



Pull rod

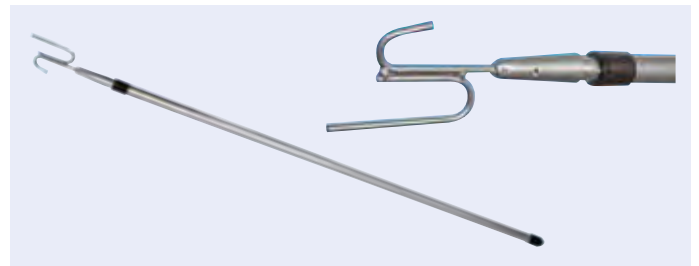
Version adjustable (1,45-2,25 m)

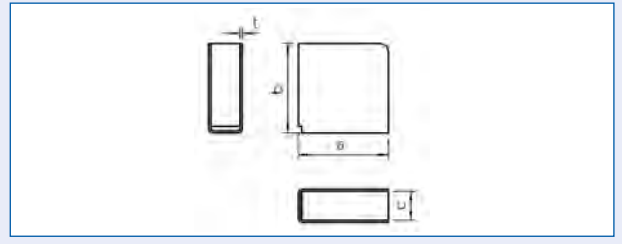
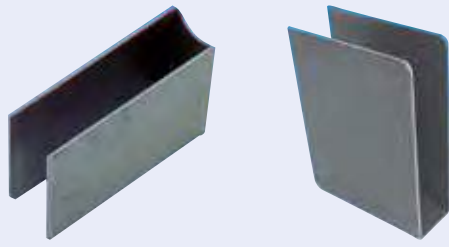
Application range

for fitting and removal of push-in slats

Order no.

9080 251 180

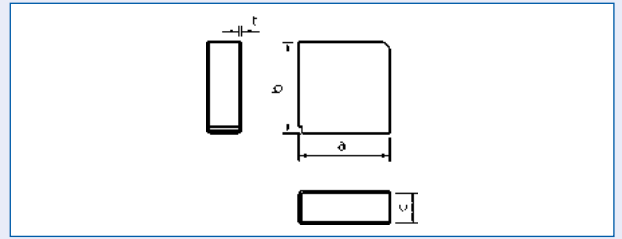
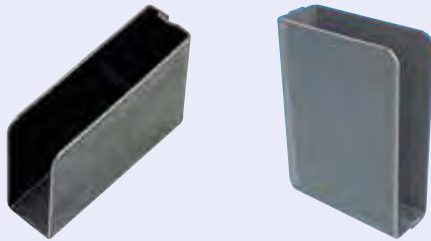




Slip-in bag for slat board

Version single, open
Surface untreated

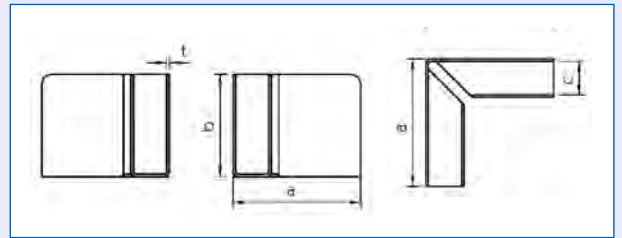
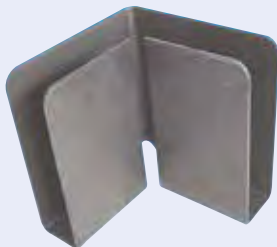
a	b	c	t	Order no.
80 mm	80 mm	25 mm	2,5 mm	9081 312 250
110 mm	80 mm	25 mm	2,5 mm	9081 312 240
80 mm	110 mm	28 mm	2,5 mm	9081 312 220



Slip-in bag for slat board

Version single, rear closed
Surface untreated

a	b	c	t	Order no.
50 mm	110 mm	25 mm	2,5 mm	9081 312 310
50 mm	110 mm	28 mm	2,5 mm	9081 312 300
100 mm	100 mm	30 mm	2,5 mm	9081 313 370



Slip-in bag for slat board

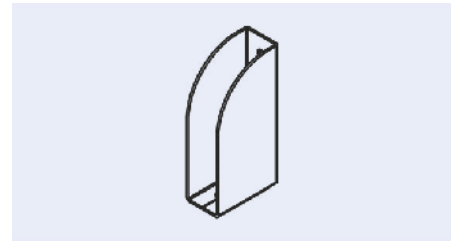
Version double, over corner
Surface untreated
a 100 mm
b 110 mm
c 28 mm
t 2,5 mm

Order no.
9081 312 350

Slip-in bag**for Curtainsider middle stanchion Variomaster 901, Code XL**

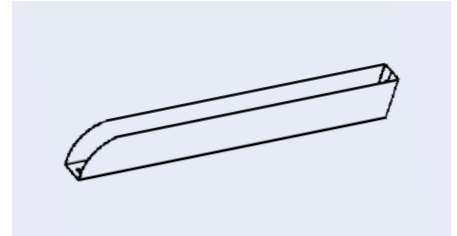
Height 120 mm
 Depth 60 mm
 Surface EPD coated

Order no.
 9089 012 000

**Lath store****for Curtainsider middle stanchion Variomaster 901, Code XL**

Height 463 mm
 Depth 60 mm
 Surface EPD coated

Order no.
 9089 011 000

**Lath store**

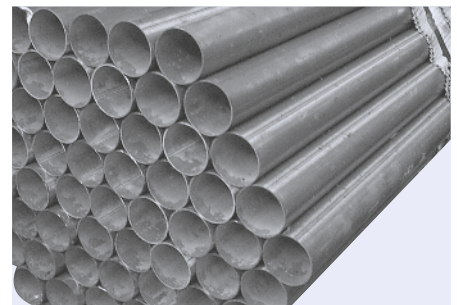
Type 910.5
 Length 600 mm
 Depth 60 mm
 Surface coated

Order no.
 9080 910 500

**Tarpaulin tube**

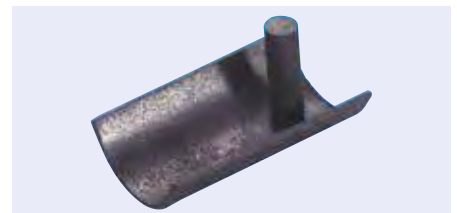
Surface galvanised

Rod length	Ø	Order no.
6300 mm	50 x 1,5 mm	9085 610 010
7300 mm	50 x 1,5 mm	9085 610 011
6300 mm	60 x 1,2 mm	9085 610 020
7300 mm	60 x 1,2 mm	9085 610 021

**Tarpauling tube bracket**

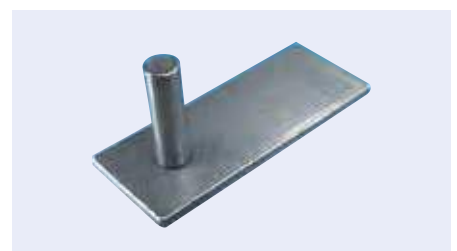
Version single
 Surface untreated

suitable for	Dimensions	Order no.
tarpaulin tube diameter 50 mm	25 x 100 mm	9081 313 090
tarpaulin tube diameter 60 mm	30 x 125 mm	9081 312 020

**Tarpauling tube bracket**

Version single
 Overall length 120 mm
 Width 50 mm
 Height 53 mm
 Surface untreated

Order no.
 9081 312 040

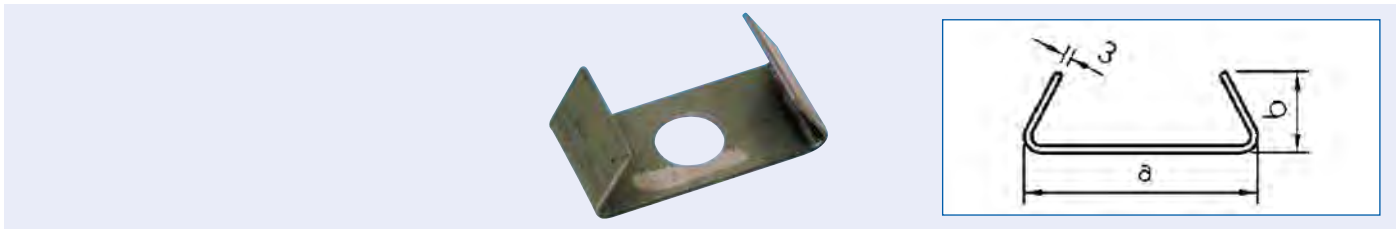




Tarpauling tube bracket

Version double
 Overall length 200 mm
 Width 50 mm
 Height 53 mm
 Surface untreated

Order no.
9081 312 060

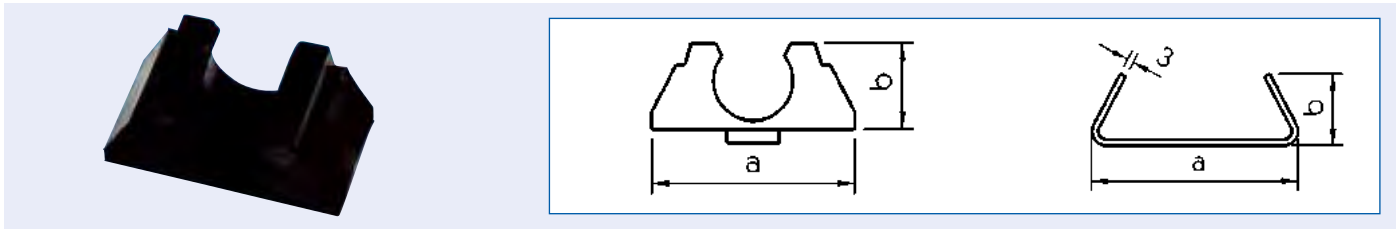


Tarpauling tube bracket

suitable for tarpaulin tube with rubber bracket, outside diameter 35 mm
 a 100 mm
 b 35 mm

Application range
 for welding the rubber bracket into place

Order no.
9081 315 210



Rubber support

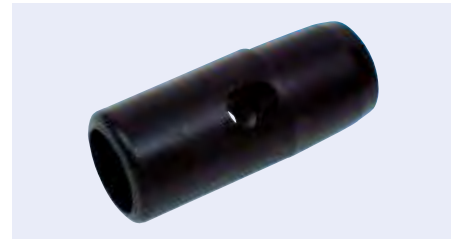
Width 50 mm

suitable for	a	b	Order no.
tarpaulin tube with rubber bracket, outside diameter 35 mm	92 mm	38 mm	9081 315 200
tarpaulin tube with rubber bracket, outside diameter 50 mm	119 mm	52 mm	9081 315 220

End plug

Version with slot 15 x 23 mm
 Length 116 mm
 Material plastic

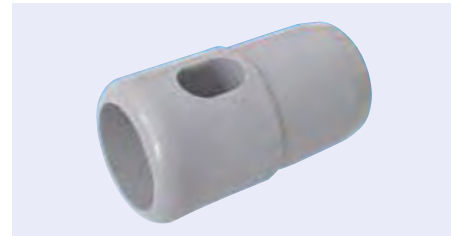
suitable for	Order no.
tarpaulin tube 50 x 1,5 mm	9081 312 740
tarpaulin tube 60 x 1,2 mm	9081 312 750



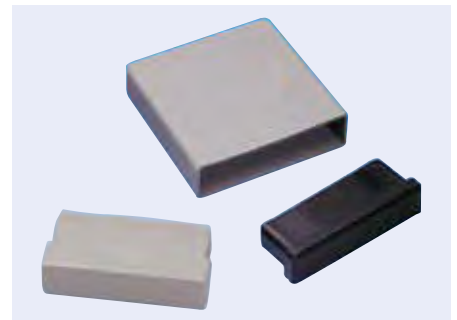
End plug

Version with 16 x 24 mm slot
 Length 69 mm
 Material plastic

suitable for	Order no.
tarpaulin tube 50 x 1,5 mm	9081 313 520
tarpaulin tube 60 x 1,2 mm	9081 313 530



End plug for aluminium drop-in slat profile



Version	Width	Height	Material	Order no.
to put in	25 mm	100 mm	plastic	9081 313 820
to put in	25 mm	100 mm	PUR	9081 315 360
to put on	28 mm	104 mm	plastic	9081 313 830

End plug for tarpaulin tube 50 x 1,5 mm

Version short
 Material PUR

Order no.
9081 315 350



Scissor clamp

Scope of supply
complete

Order no.	Comparative no.
7773 348 520	Schmitz 334852



Parts for EDSCHA UltraLine sliding cover

Roller cart UltraLine I

Version with ball bearings
Material plastic
Colour black

Order no.	
	9840 054 360

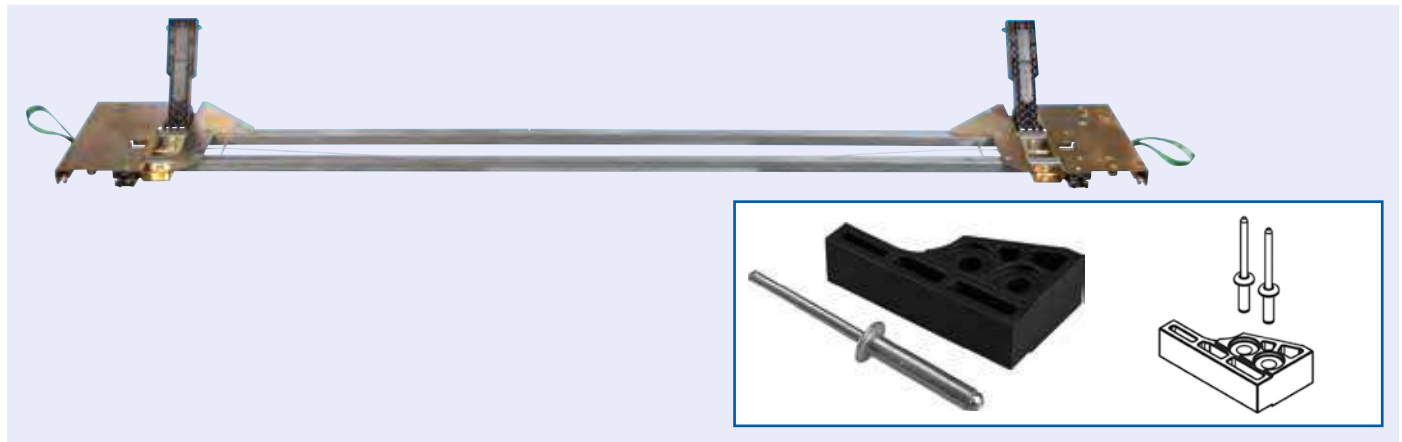


Accessories

Description	Order no.
Fastening washer for tarpaulin	9840 633 950

6

Body parts



Siding rear trolley UltraLine II

Width 2550 mm

Scope of supply complete

Order no.	
	9840 061 880

Accessories

This figure corresponds to 9840 064 980

Description	Order no.
Joint	9840 074 610
Ramp set: 2 ramps with suitable rivets	9840 064 980
Locking set for sliding rear trolley: locking cable with fixture	9840 065 010
Repair kit for joint adapter: plastic joint, joint adapter, joint adapter kit with suitable bolt	9840 064 990
Repair kit for automatic positioning	9840 000 245
Repair kit for gas spring	9840 000 244

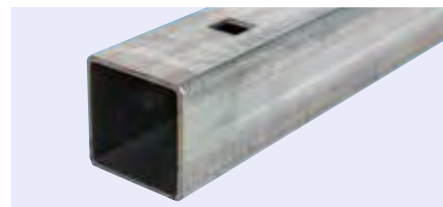
Roller cart

Version with ball bearings
Material steel
Surface galvanised

Order no.	
	9840 077 320



Roof bow



This figure corresponds to 9840 053 280

Description	Order no.
Roof bow	9840 053 280
Joint adapter for roller carriage	9840 061 160
Repair kit for roller carriage: 2 x UltraLine joint, 1 x UltraLine II roller carriage, 1 x plastic washer \varnothing 18 x 1 mm, 1 x large headed blind rivet 5,0 x 12 mm, 1 x hexagon bolt DIN 933 M8 x 40, 1 x hexagon nut DIN 985 M8	9840 062 180

Repair kit gas spring seat

Application range

Curtainsider Ultraline HD/Ultraline II/VP Ultraline

Scope of supply

bearing block, blind rivet, distance roller, bolt M5 x 20



Order no.

9080 081 770

Side tarpaulin roller

Version with plastic rollers

Application range

Curtain Sider UltraLine HD

Scope of supply

with protection clip



Order no.

9840 085 800

Repair kit Ultraline, for roller

Scope of supply
with bolt



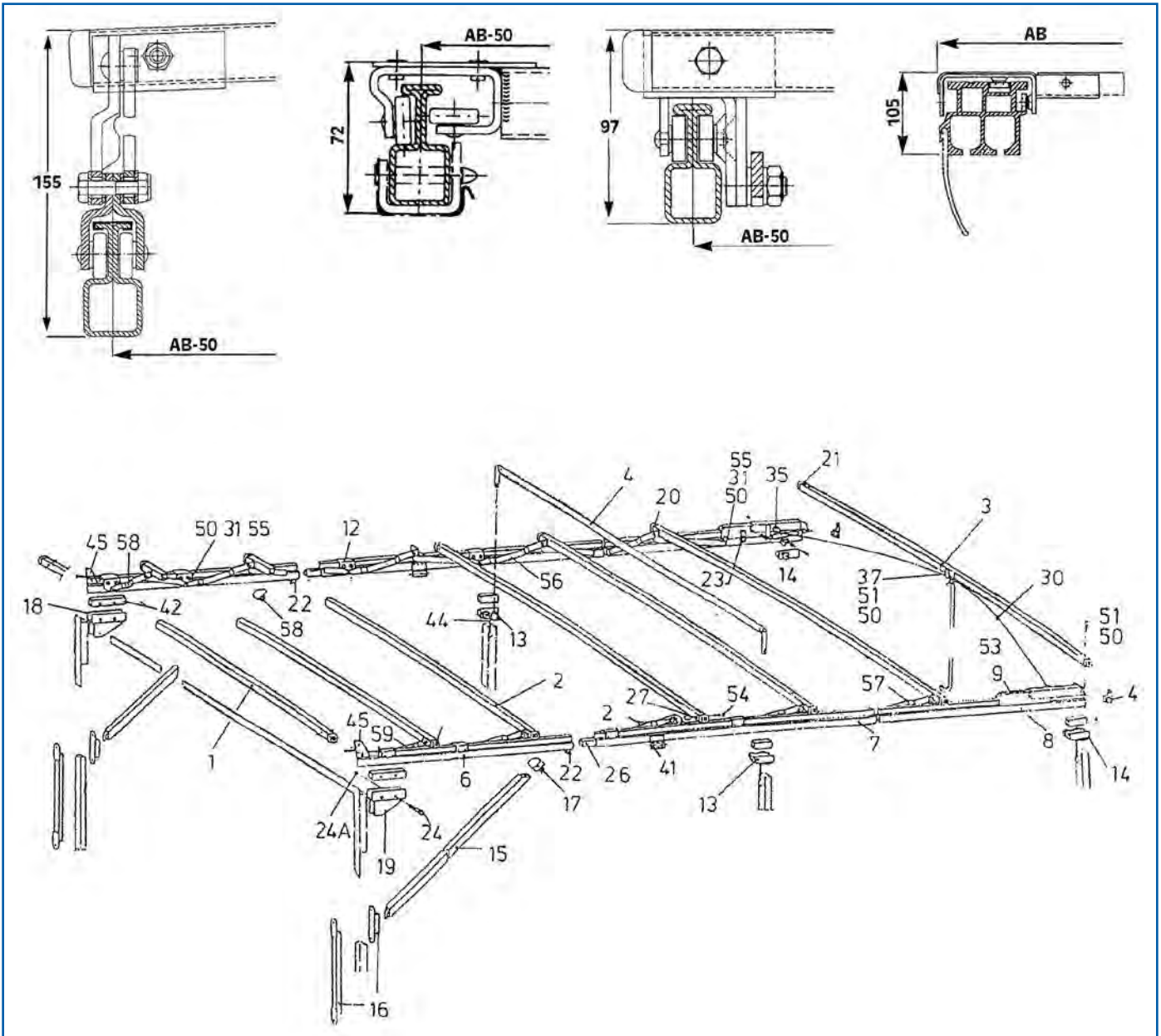
Order no.

9840 072 780



Accessories

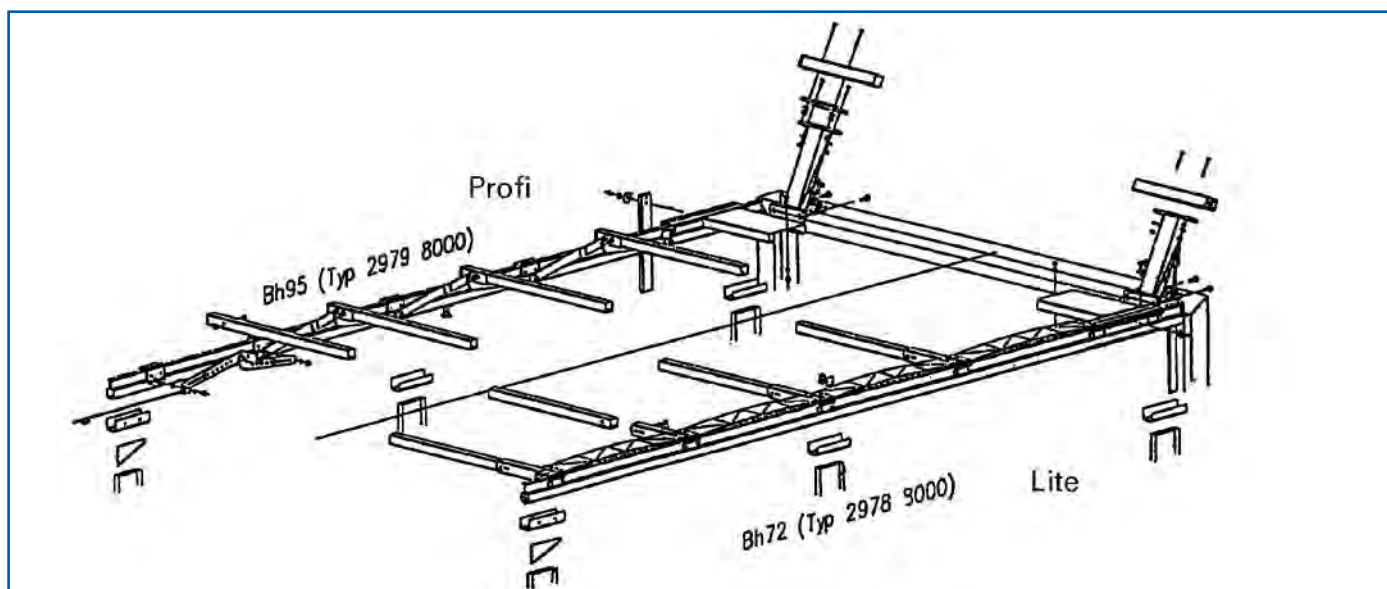
Description	Order no.
Binding head bolt, Length 25 mm, M6	7771 018 913



Parts for EDSCHA PROFI 95 sliding cover

Fig.	Description	Length	Order no.
12	Roller cart		9840 001 004
20	End of roof stick, plugs for tarpaulin bows		9840 000 022
22	Rail lock		9840 000 038
30	Drag rope for end running section	2400 mm	9840 000 176
33	Ball bearing		9840 000 024
34	Gas spring, 500 N		9840 000 180
35	Locking bolt for end running section		9840 000 156
53	Pull rod for cover operation, extendable	2-4 m	9840 000 057
56	Joint for PROFI joints, left	568 mm	9840 001 012
57	Joint for PROFI joints, right	568 mm	9840 001 013

Further items available on request



Running rails and accessories for EDSCHA sliding cover

Description	Order no.
Retaining plate for LITE joints	9840 034 120
Runner, Length 7000 mm	9840 000 029
Rail lock	9840 000 038

Joints and accessories for EDSCHA sliding cover

Description	Length	Order no.
Joint for PROFIL joints, left	568 mm	9840 001 012
Joint for PROFIL joints, right	568 mm	9840 001 013
Compensation joint for LITE joints, long tarpaulins	570 mm	9840 034 210
Plastic joint for LITE joints, short tarpaulins	650 mm	9840 034 110
Plastic joint for LITE joints, can be shortened	380 mm	9840 035 130

Roller carriage and accessories for EDSCHA sliding cover

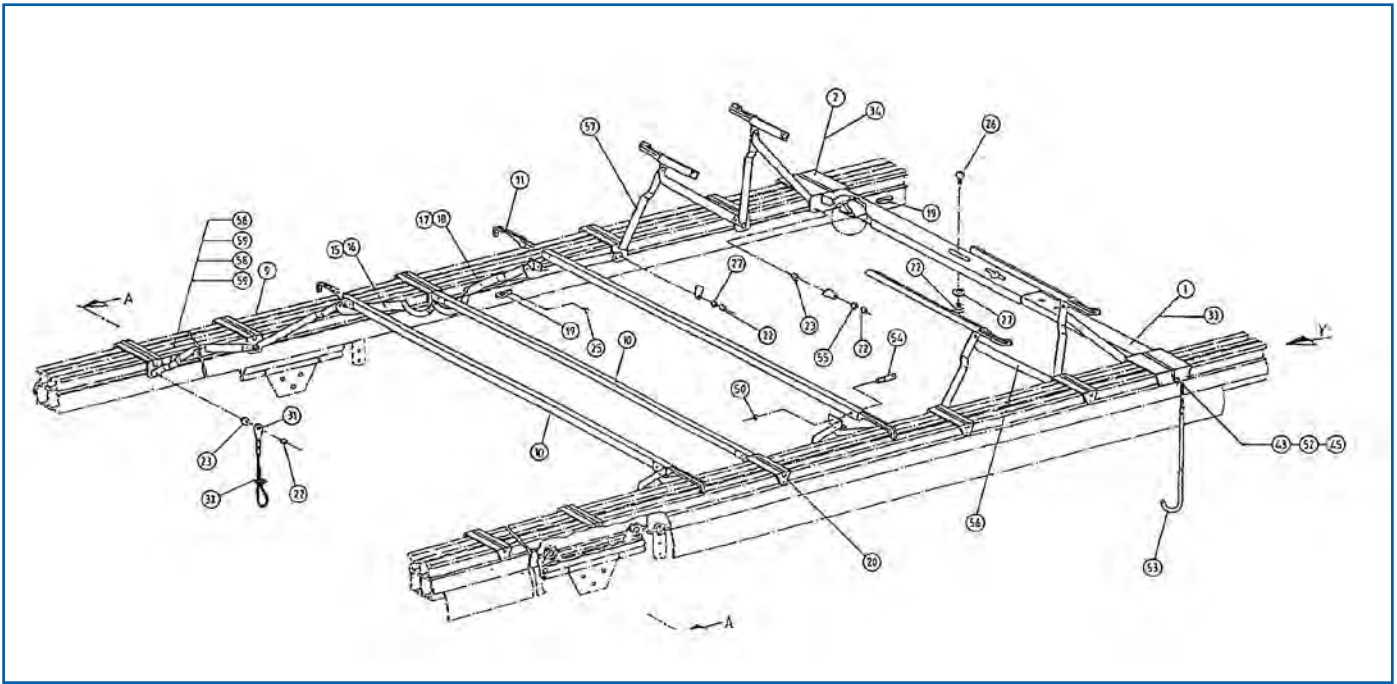
Type	Model series	Order no.
BH 95	PROFI	9840 001 004
LITE 72	LITE	9840 030 130

Accessories

Description	Order no.
Safety rope for headboard connection	9840 054 310

End running section and accessories for EDSCHA sliding cover

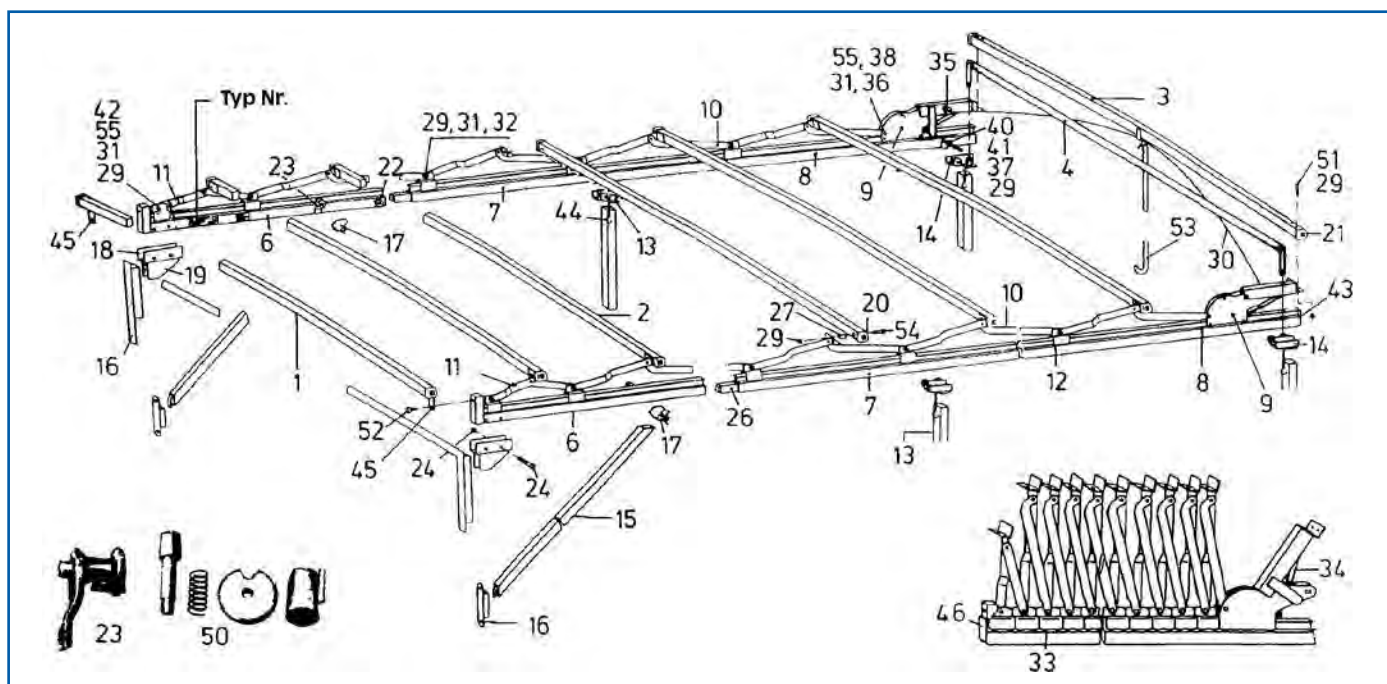
Description	Order no.
Locking for end running section	9840 031 660
Pull rod for cover operation, extendable	9840 000 057
Ball bearing for end running section	9840 854 671
Push-on automatic, complete, with gas spring, left/right	9840 027 300
Gas spring, 500 N	9840 000 180



Parts for EDSCHA sliding cover type 2980.8000 and type 2980.9000

Fig.	Description	Length	Order no.
2	Push-on automatic, complete, with gas spring, left/right		9840 027 300
4	Plastic joint for LITE joints, short tarpaulins	650 mm	9840 034 110
8	Plastic joint for LITE joints, can be shortened	380 mm	9840 035 130
9	Roller cart for PROFI joints, with 5 rollers		9840 000 162
9	Roller cart for LITE joints		9840 001 007
10	Central roof-stick brace for PROFI 100 and LITE joints		9840 027 310
32	Safety rope for headboard connection		9840 054 310
33	Fastening washer for tarpaulin		9840 633 950
40	Ball bearing for end running section		9840 854 671
46	Ball bearing with bolt rivet		9840 850 470
53	Pull rod for cover operation, extendable	2-4 m	9840 000 057
56	Joint for PROFI joints, left	568 mm	9840 001 012
57	Joint for PROFI joints, right	568 mm	9840 001 013
	Retaining plate for LITE joints		9840 034 120

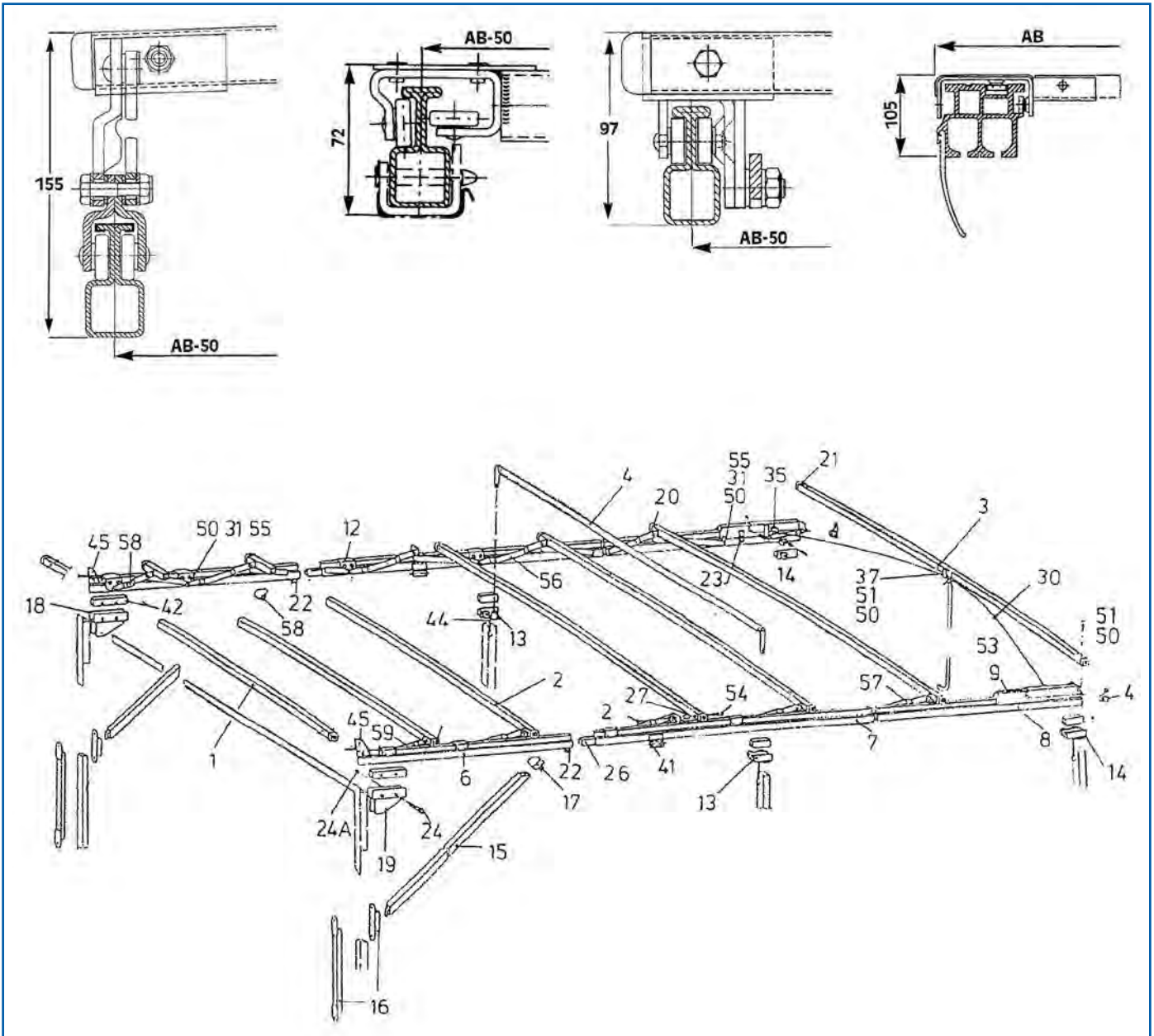
Further items available on request



Parts for EDSCHA sliding cover type 2978.1000

Fig.	Description	Length	Roof pitch	Order no.
2	Central roof-stick brace	2520 mm	0 mm	9840 000 053
7	Runner, Length 7000 mm	7000 mm		9840 000 029
9	End rail piece, left		0 mm	9840 000 120
9	End rail piece, right		0 mm	9840 000 155
10	Joint, left	570 mm	0 mm	9840 000 047
10	Joint, right	570 mm	0 mm	9840 000 046
20	End of roof stick, plugs for tarpaulin bows			9840 000 022
22	Rail lock			9840 000 038
30	Drag rope for end running section	2400 mm		9840 000 176
33	Ball bearing			9840 000 024
34	Gas spring, 500 N			9840 000 180
35	Locking bolt for end running section			9840 000 156
50	Bolt			9840 000 125
50	Compression spring			9840 000 130
50	Gripping disc			9840 000 135
50	Housing			9840 000 140
53	Pull rod for cover operation, extendable	2-4 m		9840 000 057

Further items available on request



Parts for EDSCHA sliding cover type 2979.1000

Fig.	Description	Order no.
12	Roller cart	9840 001 004
20	End of roof stick, plugs for tarpaulin bows	9840 000 022
22	Rail lock	9840 000 038
30	Drag rope for end running section	9840 000 176
33	Ball bearing	9840 000 024
34	Gas spring, 500 N	9840 000 180
35	Locking bolt for end running section	9840 000 156
53	Pull rod for cover operation, extendable	9840 000 057

Further items available on request

Tarpaulin roller

Version straight

Order no.

9840 830 060



Tarpaulin roller

Version offset

Order no.

9840 313 600



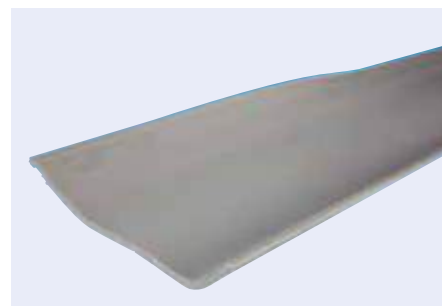
Sealing lip

for roof belts 80797, 10050 and 33569

Length 16 m

This figure corresponds to 9080 828 216

Colour	Order no.
grey	9080 828 216
black	9080 828 316



Gas spring

for EDSCHA sliding cover

suitable for LITE 100, PROFI 100

Spring force	Order no.
500 N	9840 000 180
700 N	9840 000 133



Components for SESAM Flat-, High-, Mega- and Mixliner sliding roofs

Joint

Material plastic

Version	Length	Order no.
push-in	392 mm	9080 245 786
push-in	492 mm	9080 245 787
push-in	589 mm	9080 235 788
push-in	689 mm	9080 650 210
rivet system	392 mm	9080 245 781
rivet system	492 mm	9080 235 783
rivet system	592 mm	9080 235 785



Double ball bearing with hexagon connection

Thread M8

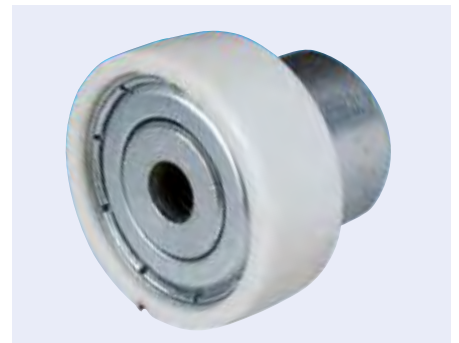
Order no.
9080 245 872



Ball bearing

∅ 16 mm
Thread M6
Surface plastic coated

Length	Order no.
10 mm	9085 000 032
17 mm	9080 245 871



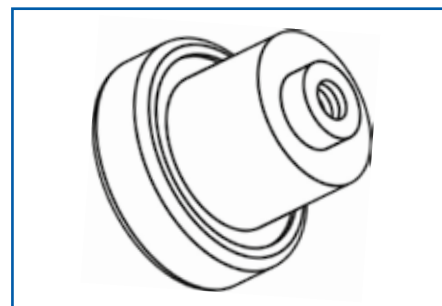
Further items available on request

Ball bearing

Cylinder length 12 mm

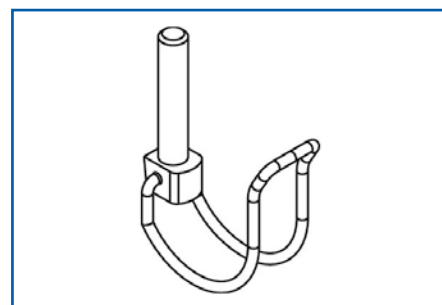
Order no.

9085 000 036

**Pipe fold plug
for EDSCHA VP Classic**Version adjustable
Ø 8 x 38 mm

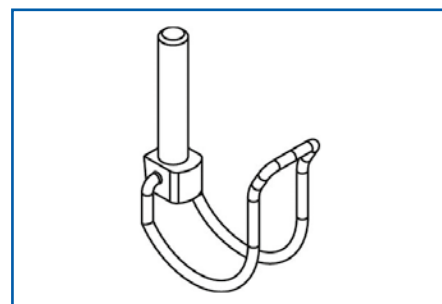
Order no.

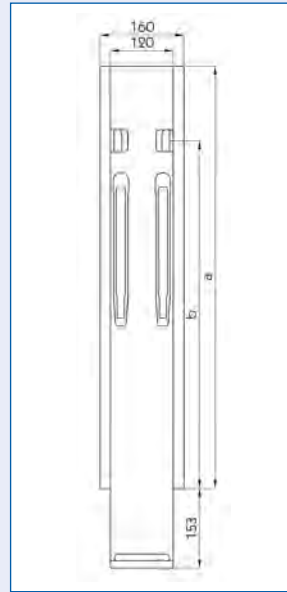
9840 752 780

**Pipe fold plug
for pull rod**Ø 6 x 40 mm
Material steel
Surface galvanised

Order no.

9840 830 190





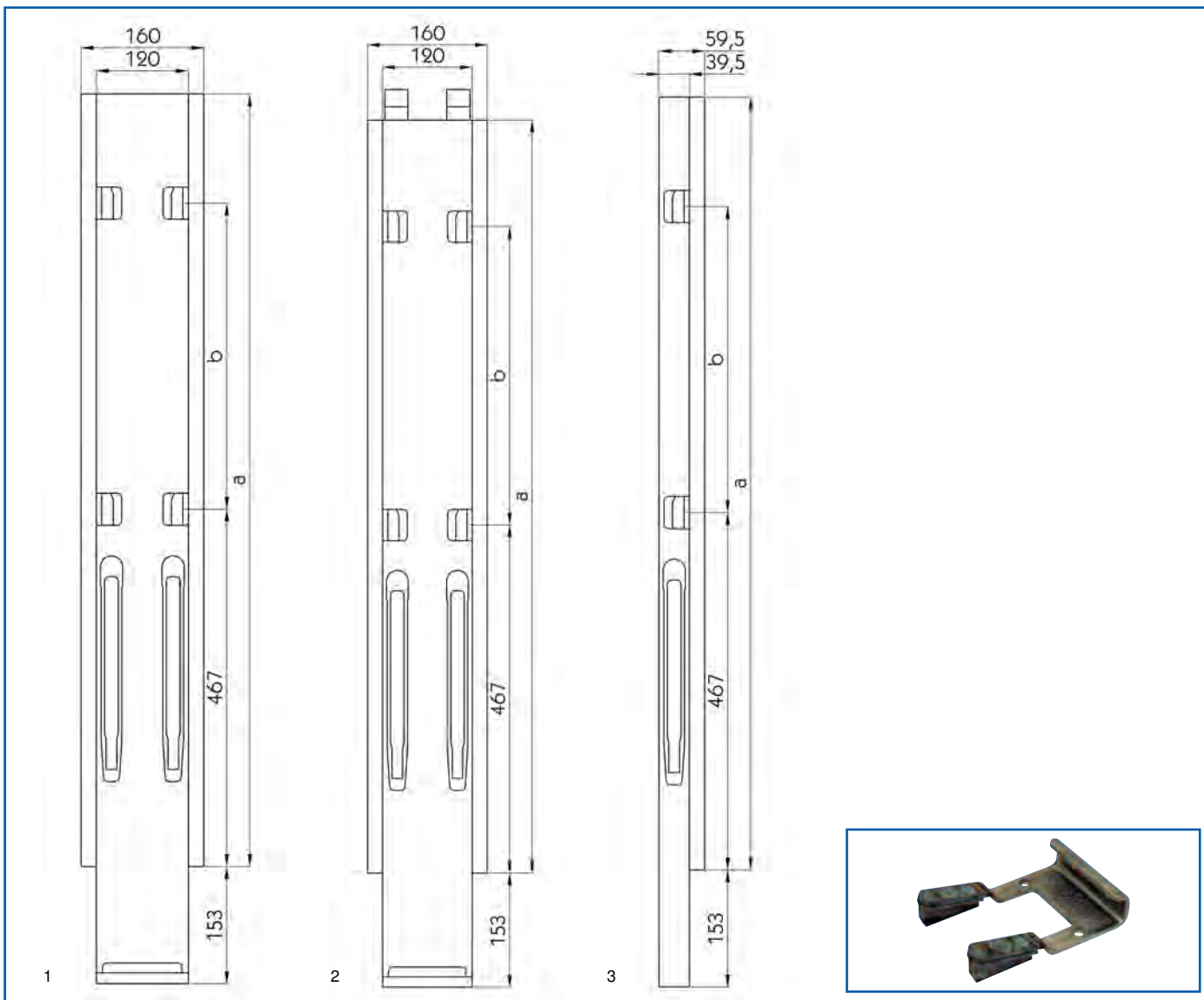
Middle stake Kinnegrip stanchion K 20

Application range	Version	a	b	Order no.
for 500 mm drop side height	without adapter for Kinnetop	510 mm	367 mm	9081 212 620
for 500 mm drop side height	with adapter for Kinnetop	510 mm	367 mm	9081 212 630
for 600 mm drop side height	without adapter for Kinnetop	610 mm	467 mm	9081 212 740
for 600 mm drop side height	with adapter for Kinnetop	610 mm	467 mm	9081 212 750

Accessories

This figure corresponds to 9081 213 470

Description	Order no.
Counterholder, untreated	9081 213 470
Stake sleeve, untreated, spacing plate stainless steel, remaining parts galvanised	9081 214 070



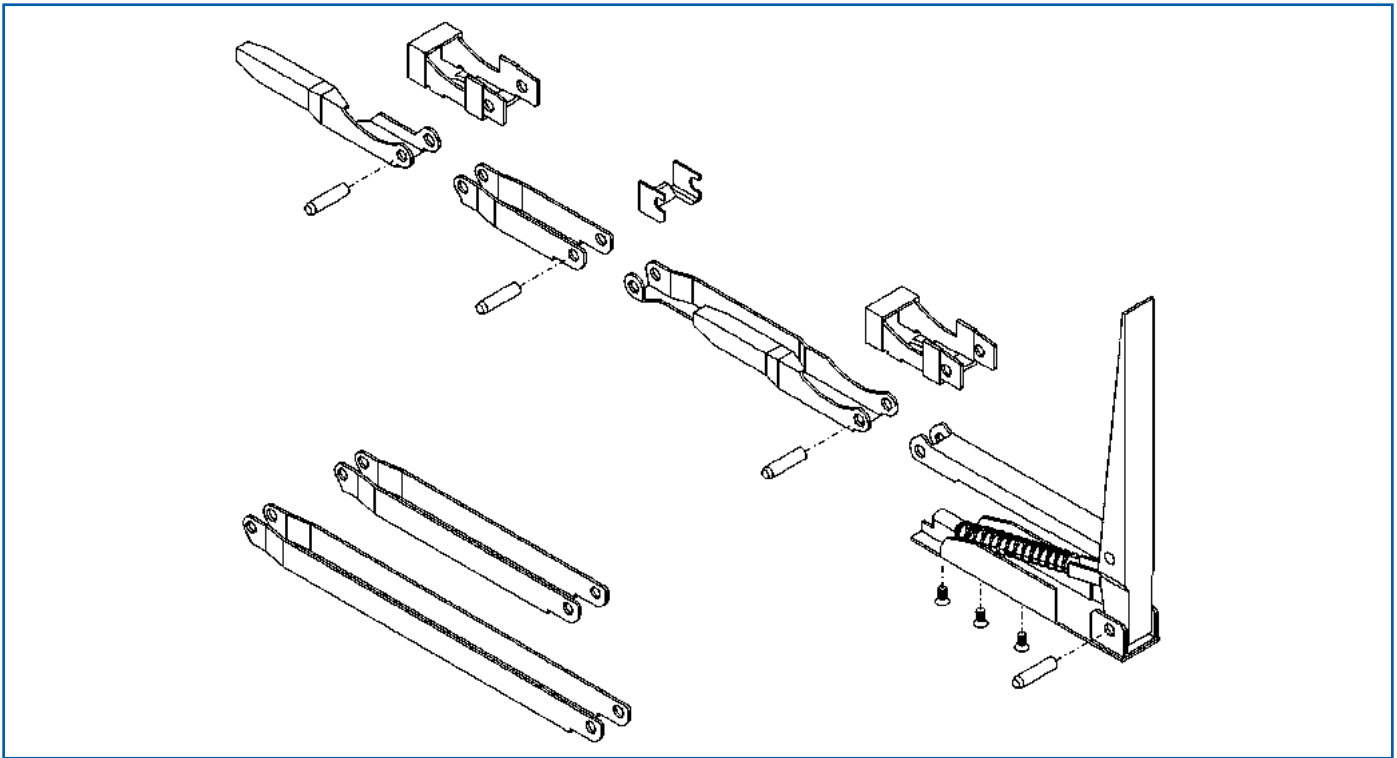
Kinnegrip stanchion K 20

with double fastener

Description	Application range	Version	Installation side	a	b	Fig.	Order no.
Middle stake	for 800 mm drop side height	without adapter for Kinnetop		810 mm	200 mm	1	9081 212 980
Middle stake	for 1000 mm drop side height	without adapter for Kinnetop		1010 mm	400 mm	1	9081 213 100
Middle stake	for 800 mm drop side height	with adapter for Kinnetop		810 mm	200 mm	2	9081 212 990
Front stanchion	for 1000 mm drop side height		left	1010 mm	400 mm	3	9080 210 301
Front stanchion	for 1000 mm drop side height		right	1010 mm	400 mm	3	9081 213 070

Accessories

Description	Order no.
Stake sleeve, untreated, for welding on	9081 213 460



Service parts

to fit K 20 middle stanchions rear and corner stanchions front and rear

Description		Order no.
Repair kit hand lever, for front corner stanchions	1	9081 214 190
Repair kit hand lever, for middle rear and corner rear stanchions	1	9081 213 660
Guide, large		9080 042 117
Guide, small		9081 214 320
Bolt, \varnothing 8 x 32 mm		9080 042 139
Intermediate joint, Distance between holes 100 mm		9081 214 330
Intermediate joint, Distance between holes 200 mm		3359 000 190
Drop side bolt, left		9080 421 110
Drop side bolt, right		9080 421 090
Drop side bolt, suitable for drop side height 1200 mm, left		9081 214 370
Drop side bolt, suitable for drop side height 1200 mm, right		9081 214 200
Pocket wedge		9081 214 340

¹ with 3 TORX® bolts M5 x 10 (similar to DIN 7991), 2 frame studs diameter 8 x 32 mm

Counterholder for stanchion K IV

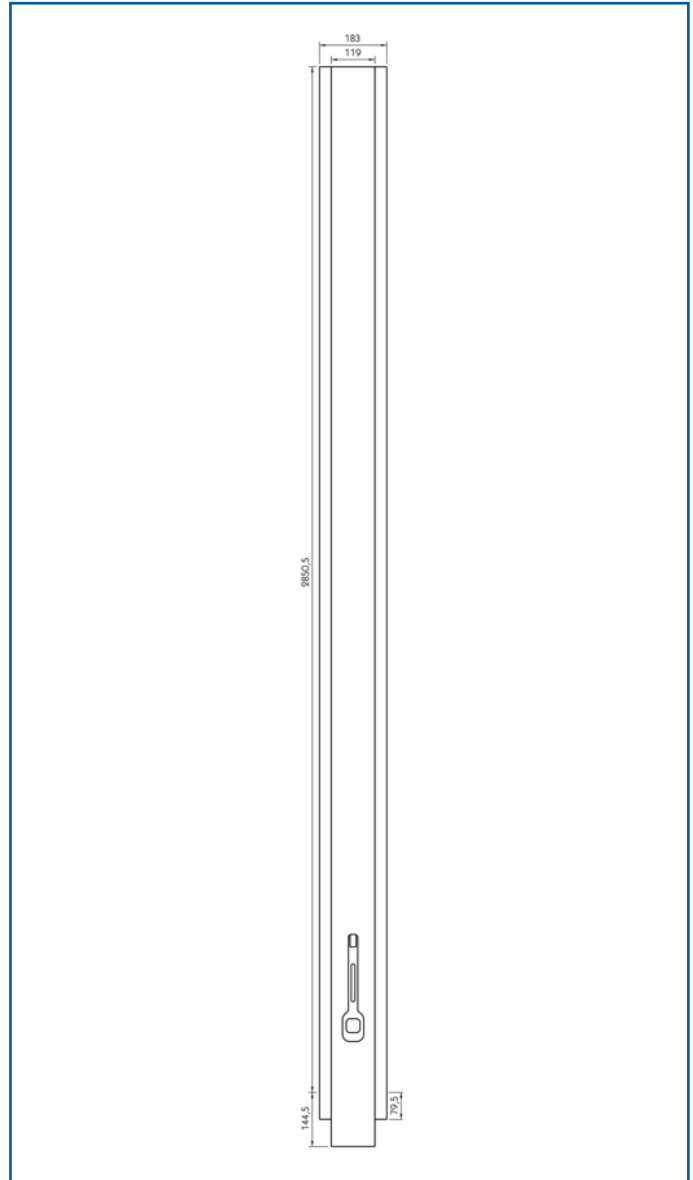
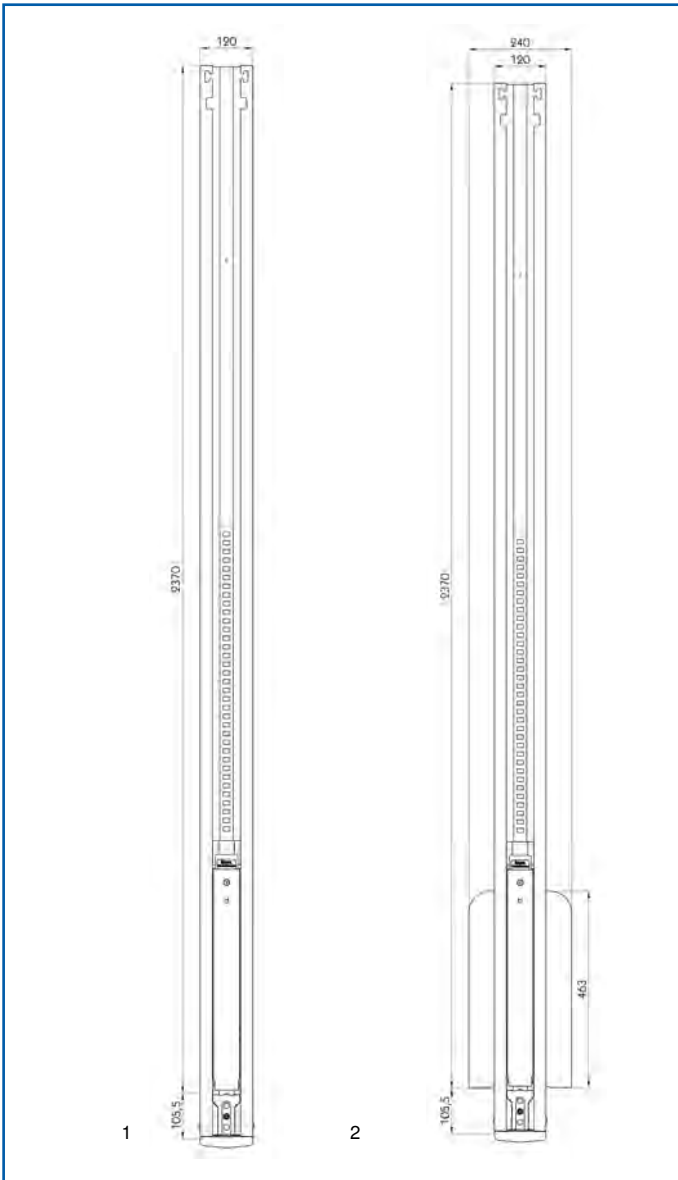
Version without flange
Surface galvanised

Scope of supply
with bolt-on kit

Order no.

9081 211 480





Middle stake for curtainsider

Length 2370 mm
Surface EPD coated

Type	Width	Fig.	Order no.
Variomaster 901, Code XL	120 mm	1	9089 010 000
Variomaster 901, Code XL, with slat storage	240/120 mm	2	9089 010 010

Middle stake for Curtain-Sider

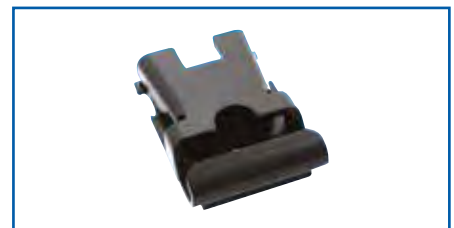
Overall length 2995 mm
Nominal length 2850,5 mm
Width 183 mm

Order no.
9089 083 910



Accessories

Description	Order no.
Stanchion bracket	9089 101 000
Screw set for stanchion socket	9089 100 770
Reinforcement profile	9089 013 000



Accessories

Description	Order no.
Stake sleeve for curtainsider stanchion, EPD coated	9089 002 910

Folding stake

Hestal

with adapter for centring piece

Material steel
Surface cataphoretic dip coated

Type	Nominal measure	Order no.
701.6	665 mm	9081 214 400
701.8	865 mm	9081 214 450



Accessories

This figure corresponds to 9081 214 030

Description	Order no.
Centring piece, Type 6001 V/19, untreated	9081 214 030
Centring piece, Type 6001 VT/19, untreated	9081 214 040
Stake sleeve, Type 6001 V/20, untreated	9081 214 050
Stake sleeve, Type 6002 V/20, EPD coated	9089 009 200

Folding and sliding stanchion

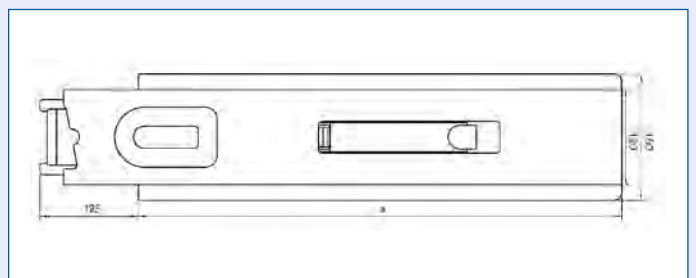
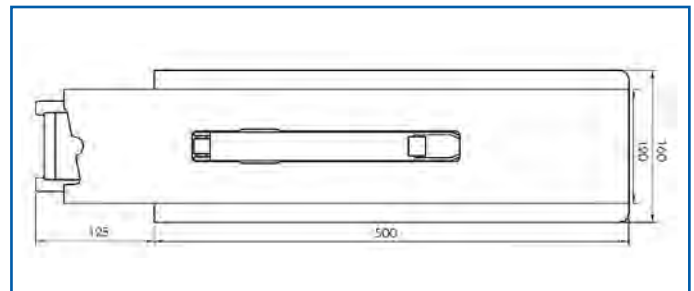
Hestal

with adapter for centering piece

Type 6002 V/5S-KTL
Nominal measure 500 mm
Material steel
Surface cataphoretic dip coated

Order no.

9081 214 590



Folding stake

Hestal

Type	Nominal measure	Order no.
701.11	815 mm	9088 038 300
701.13	1015 mm	9088 038 500

Cover cap for middle rear and corner rear stanchions

Material plastic

	Order no.
	9081 214 080



Stanchion cotter pin 502-1

Version forged
Length 297 mm
Width 88 mm
Height 30 mm
Surface untreated

	Order no.
	9081 210 050



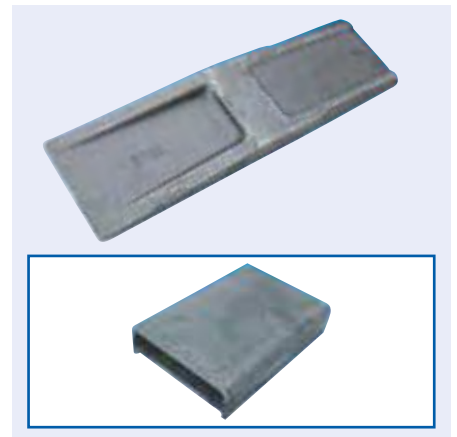
Accessories

Description	Order no.
Stake sleeve, outside frame fastening, untreated	9081 210 060

Stanchion cotter pin 500-1

Version forged
Length 320 mm
Width 87 mm
Height 25 mm
Surface untreated

	Order no.
	9081 210 300



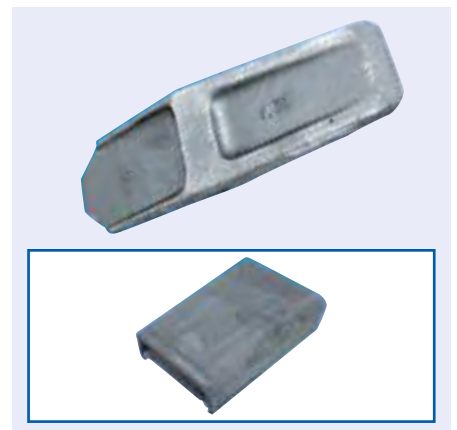
Accessories

Description	Order no.
Stake sleeve, outside frame fastening, untreated	9081 210 310

Stanchion cotter pin 600-1

Version drop-forged
Length 297 mm
Width 88 mm
Height 30 mm
Surface untreated

	Order no.
	9081 210 540



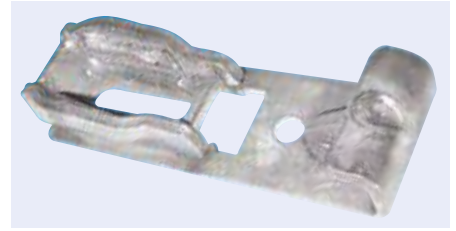
Accessories

Description	Order no.
Stake sleeve, outside frame fastening, untreated	9081 210 550

Stake sleeve for Kinnegrip stanchion K IV

Version for welding on
Surface untreated

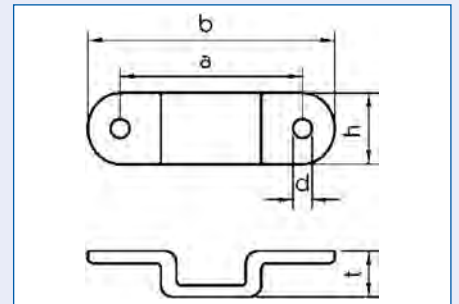
Order no.
9081 211 050



Stake sleeve for folding stanchion and sliding stanchion

Type 6001 VT/20
Surface untreated

Order no.
9081 214 060



Stanchion bracket

Version drop-forged
Surface galvanised

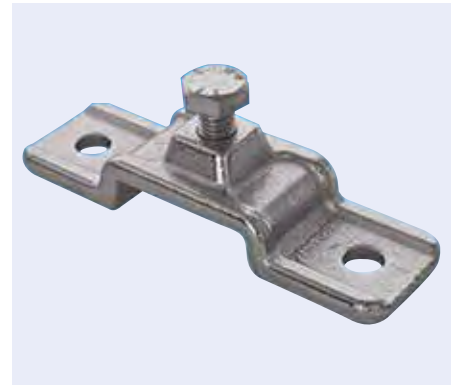
Nominal size	a	b	d	h	t	Order no.
10 x 35 mm	84 mm	112 mm	8 mm	38 mm	17 mm	9086 091 035
10 x 40 mm	78 mm	110 mm	8 mm	40 mm	17 mm	9081 312 100
13 x 40 mm	104 mm	145 mm	11 mm	43 mm	20 mm	9081 314 910
22 x 43 mm	102 mm	144 mm	11 mm	40 mm	29 mm	9081 314 930

Stanchion bracket for 10 x 40 mm stanchion

Version	drop-forged
Width	122 mm
Height	35 mm
Depth	17 mm
Distance between holes	92 mm
Hole \varnothing	11 mm
Surface	galvanised

Scope of supply

with M10 x 25 adjusting bolt



Order no.

9081 317 100



Lifting roof system

Liftmaster 770

mechanical lift system which the canopy top can be steplessly raised by up to 400 mm using a toggle lever mechanism, driving operation with a canopy top raised by 120 mm is permitted by the lift locking

Length	2750 mm
Width	60 mm
Lift force	250 kg
Surface	EPD coated

Order no.

9088 100 780

Accessories

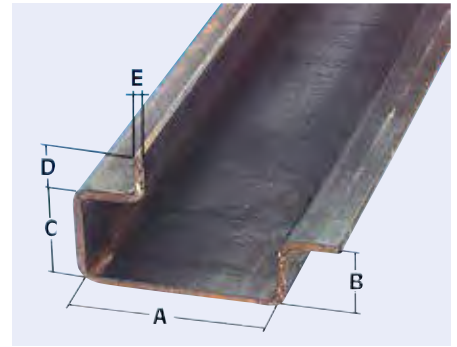
Description	Order no.
Lifting mechanics	9400 016 860

Corner stanchion profile

Length 5000 mm
 A 80 mm
 B 23 mm
 C 50 mm
 D 20 mm
 E 5 mm
 Material steel
 Surface untreated

Order no.

9085 610 380



6

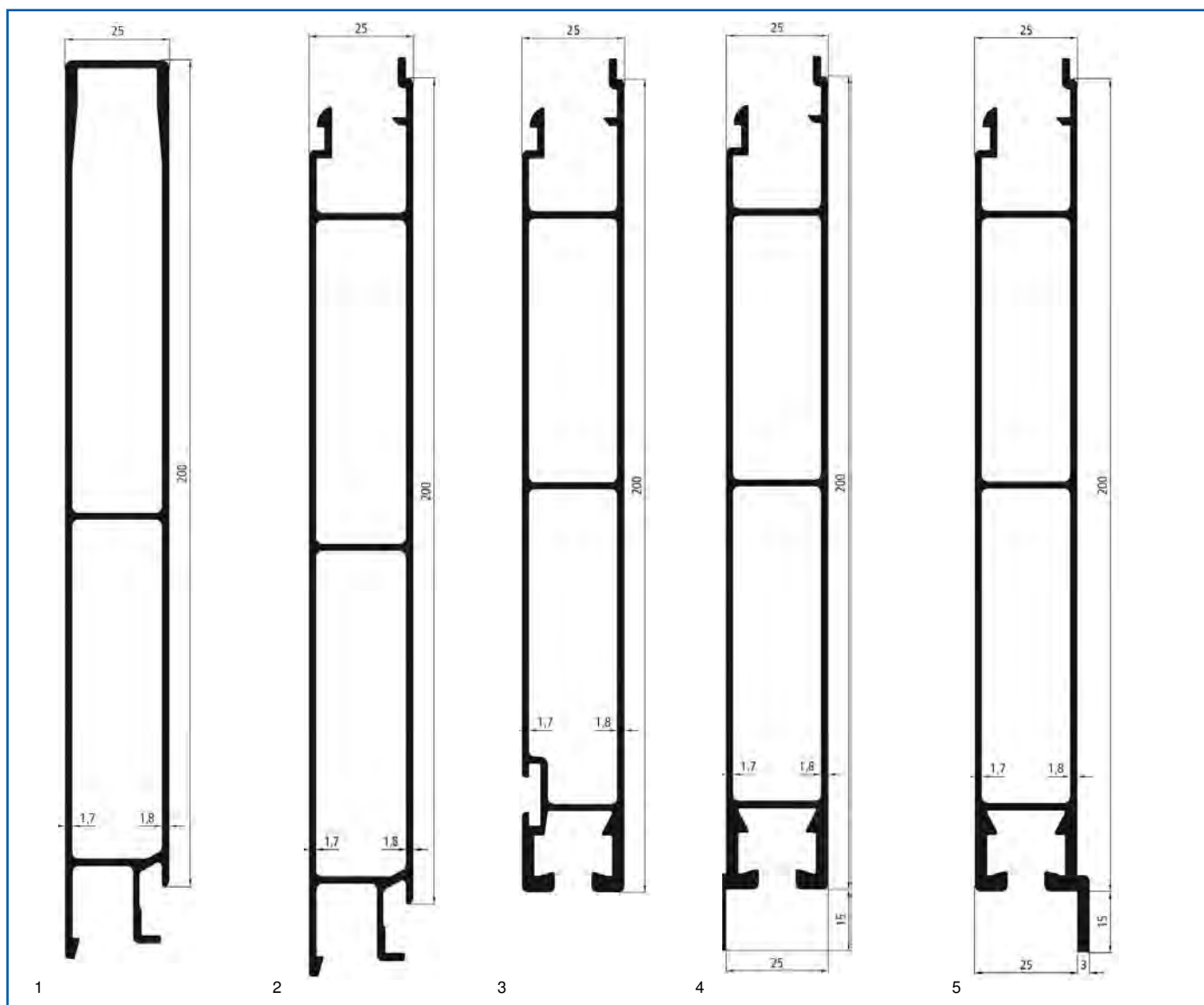
Body parts

Tailboard edging

Length 6000 mm
 Material steel
 Surface galvanised

Width	Height	Thickness	Order no.
18,5 mm	20 mm	1,5 mm	9085 611 410
21,5 mm	20 mm	1,5 mm	9085 611 400
23 mm	23 mm	1,5 mm	2810 061 087
25 mm	25 mm	1,5 mm	9082 561 061
28 mm	28 mm	1,5 mm	9085 610 600
30 mm	30 mm	2 mm	9082 561 106
31 mm	28 mm	1,5 mm	9085 601 088



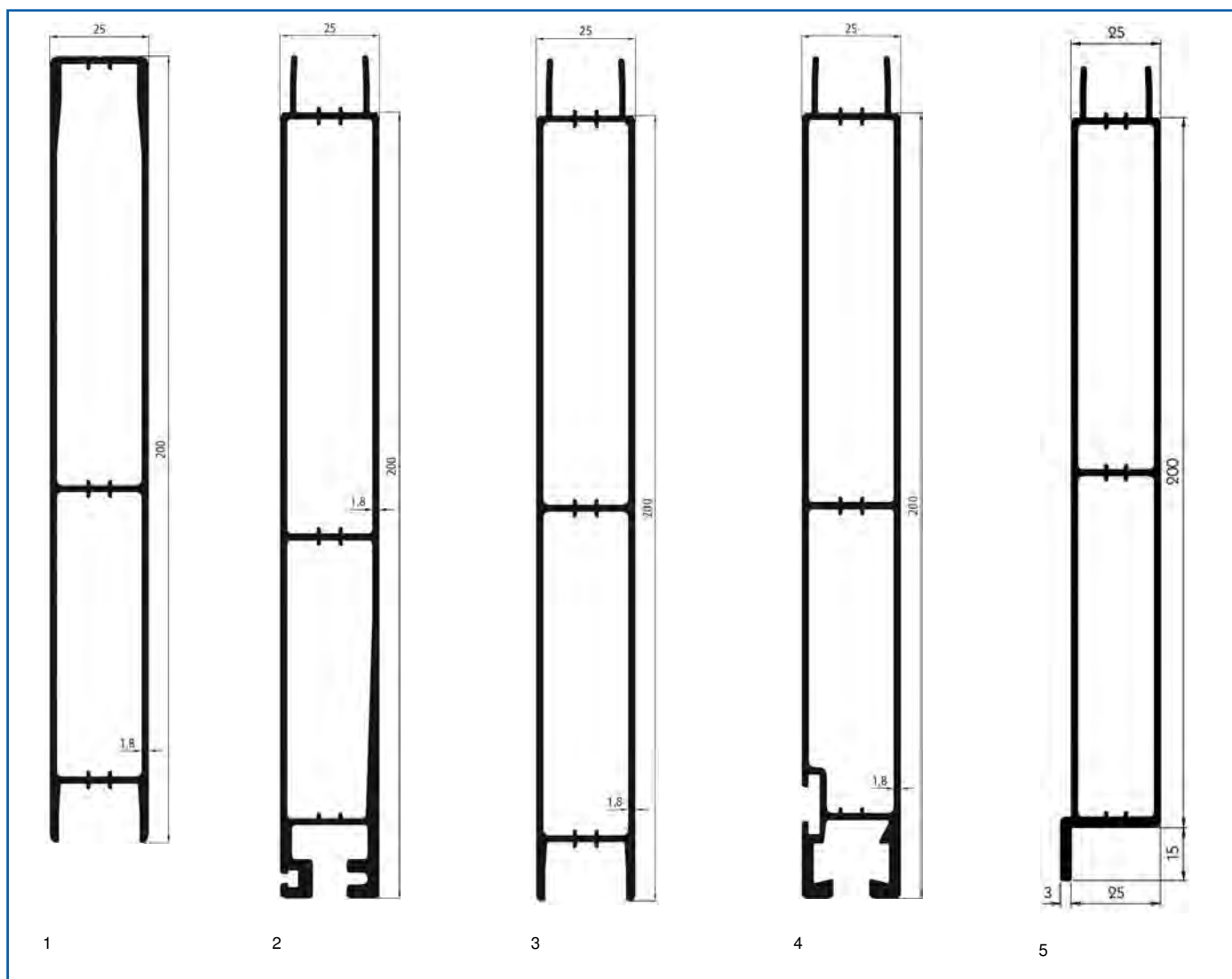


Drop side profile Snap-Lok system

Width 25 mm
Overall height 200 mm
Material aluminium

sold by the meter

Description	Fig.	Order no.
End profile, top	1	9086 210 330
Intermediate profile	2	9086 210 390
End profile, bottom	3	9086 211 180
End profile, bottom	4	9087 621 041
End profile, bottom	5	9087 621 042



**Drop side profile
plug-in system**

Width 25 mm
Overall height 200 mm
Material aluminium

sold by the meter

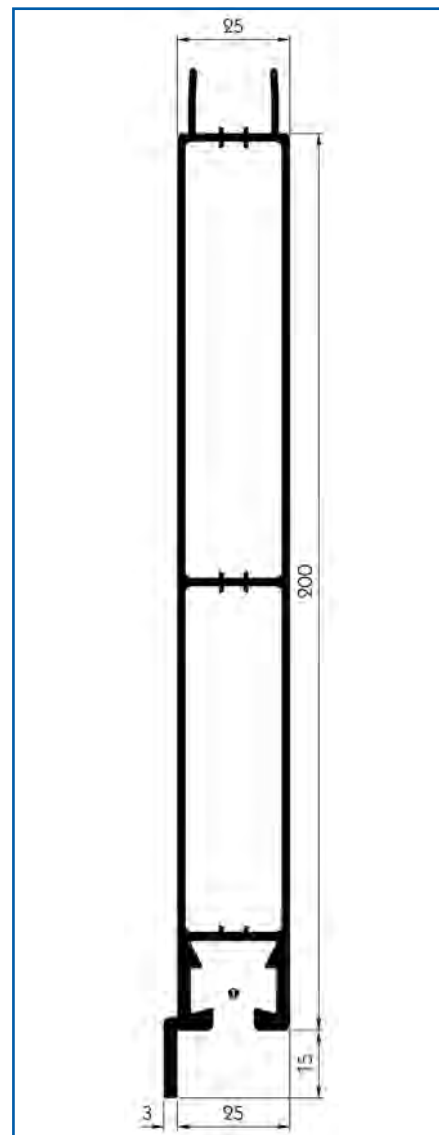
Description	Fig.	Order no.
End profile, top	1	9086 210 610
Intermediate profile	2	9086 210 650
End profile, bottom	3	9086 211 340
End profile, bottom	4	9086 211 350
End profile, bottom	5	9086 211 200

Further items available on request

Drop side profile plug-in system, with lug

Length 7600 mm
 Width 25 mm
 Height 200 mm
 Material aluminium

Application range
 chamber for seal and skirting protection
sold by the meter

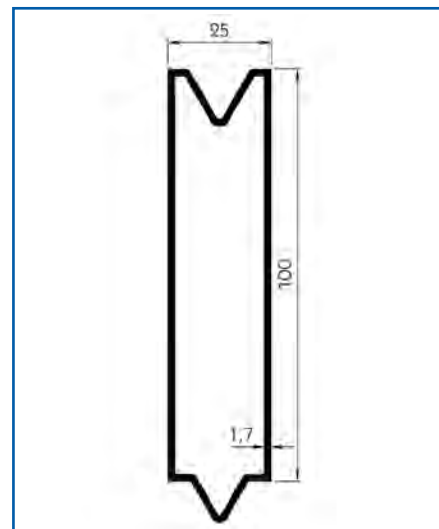


Order no.	
	9086 211 500

Aluminium profile

Overall height 100 mm
 Width 25 mm

Application range
 Lug for insertion in the groove of the combination skirting protection, groove for placing on the lug of the skirting protection or further lug attachment plates



Length	Order no.
3250 mm	9086 212 821
sold by the meter	9086 212 820

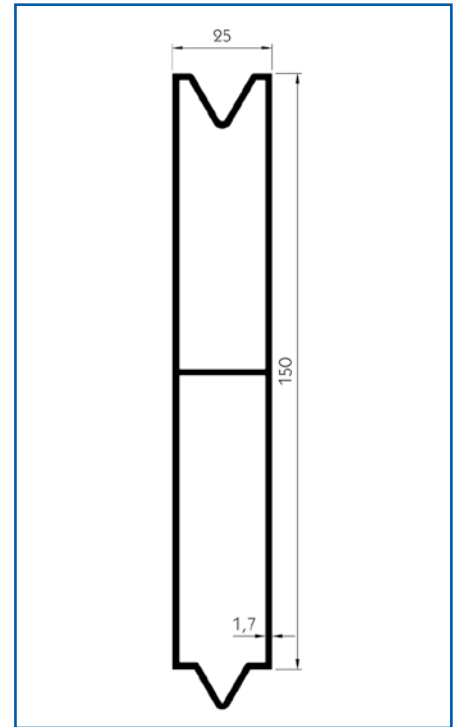
Aluminium profile

Overall height 150 mm
Width 25 mm

Application range

Lug for insertion in the groove of the combination skirting protection, groove for placing on the lug of the skirting protection or further lug attachment plates

sold by the meter



6

Body parts

Order no.

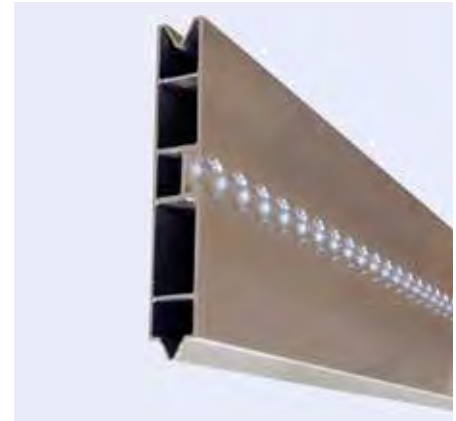
9086 212 230

Aluminium profile

V-slat

Version with Airline System
Length 7600 mm

charged by the meter

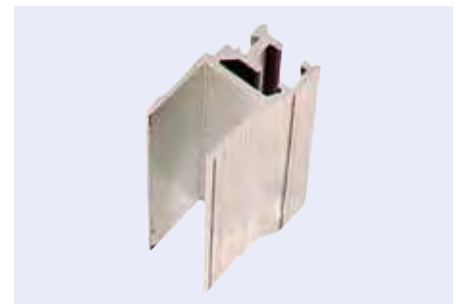


Order no.

9082 644 009

Profile edging for drop side profile 25 mm

Overall height 56 mm
Material aluminium



Length

Order no.

800 mm

9086 211 810

sold by the meter

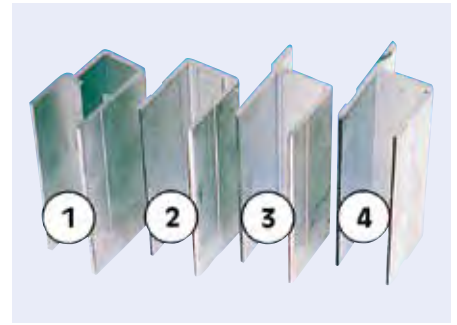
9086 211 811

Profile edging for drop side profile 25 mm

Material aluminium

sold by the meter

Overall height	Fig.	Order no.
50 mm	1	9086 210 560
42 mm	2	9086 210 440
55 mm	3	9086 210 080
60 mm	4	9086 210 430

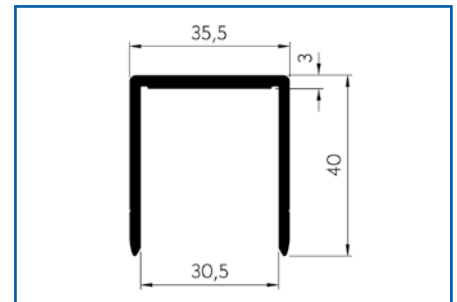


Drop side profile

Version edgings 30 mm
Overall height 40 mm
Thickness 3 mm
Material aluminium

sold by the meter

Order no.
9086 110 120



PVC seal for Kinnegrip K 20

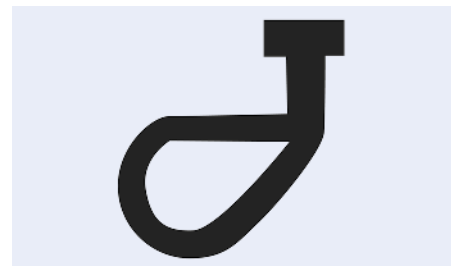
Length	Container	Order no.
20 m	Roll	9082 121 348



Rubber seal for lower end profile

sold by the meter

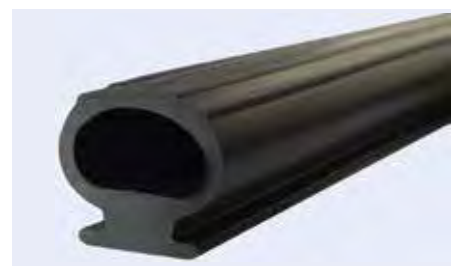
Order no.
9081 116 720

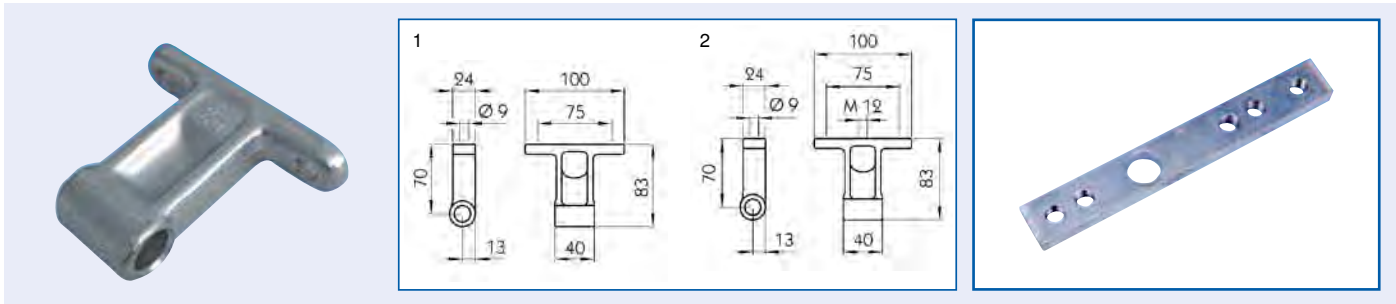


Rubber seal for aluminium profile

Application range
for trailer doors
sold by the meter

Order no.
9081 118 640





Drop side hinge

Surface galvanised

Version	Fig.	Order no.
	1	9081 116 010
for tie rod M12	2	9081 116 020

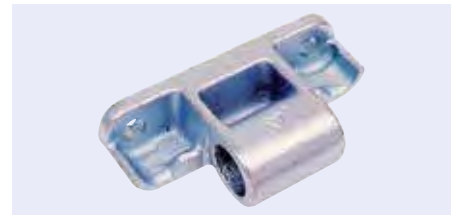
Accessories

Description	Order no.
Threaded plate, M8, with 12 mm hole for tie rod	9081 117 510

Drop side hinge

Type 6552 N
Surface galvanised

Version	Order no.
	9081 117 320
for tie rod M12	9081 117 330



Hinge pin

Version for screw-on fitment
Surface DACROMET® coated

Order no.
9081 118 171

Accessories

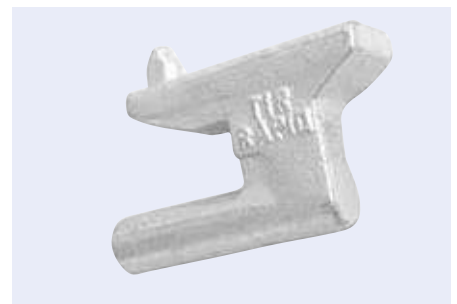
Description	Order no.
Threaded plate, M6	9081 118 190



Drop side hinge

Type TIR
Version with locking pin for M12 tie rod
Surface galvanised

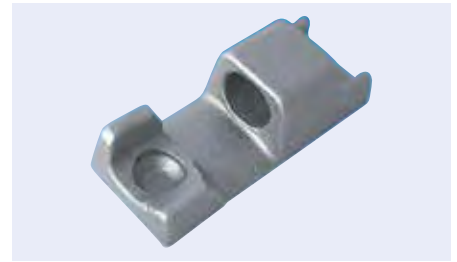
Order no.
9081 115 310



Drop side hinge

Type 6540 N
 Length 100 mm
 Width 40 mm
 Surface unfinished

Order no.
9085 111 746



Drop side hinge

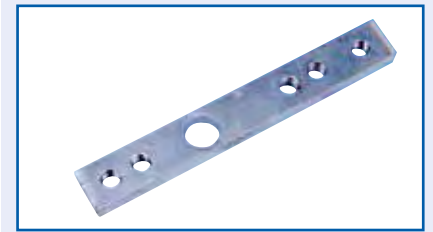
Version for M12 tie rod
 Type 6541 N
 Length 101 mm
 Width 48 mm
 Surface galvanised

Order no.
9081 100 000



Accessories

Description	Order no.
Threaded plate, M8, with 12 mm hole for tie rod	9081 117 510



Drop side hinge

Type 6561 N
 Surface galvanised

This figure corresponds to 9081 117 580

Version	Order no.
	9081 117 580
for tie rod M12	9081 117 590



Accessories

Description	Order no.
Threaded plate, with 13 mm middle hole, Length 100 mm, Depth 7 mm, galvanised	9081 117 610





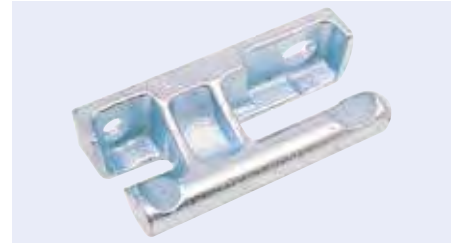
Drop side hinge

Type	Version	Surface	Order no.
6540	for welding or screwing into place	untreated	9081 115 420
6541	with 2 holes 9 mm	galvanised	9081 115 430

Drop side hinge

Type 6541 N
Surface galvanised

Order no.
9081 117 480



Weld-on stud for drop side hinge

Surface untreated

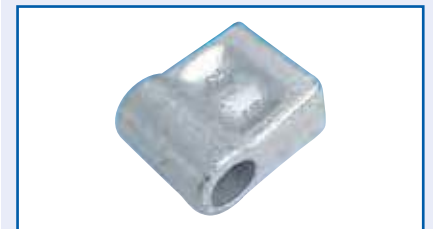
Version	Order no.
25/30	9081 115 190
25/30 with tongue	9081 116 880



Accessories

This figure corresponds to 9081 115 200

Description	Order no.
Floating bearing	9081 115 200
Hinge bearing, upper part	9081 118 221





Drop side hinge for aluminium side frame profile

light hinge for 25 mm drop sides, for screwing on using M8 x 20 machine screws

This figure corresponds to 9081 116 960

Description	Material	Surface	Order no.
hinge upper part	steel	galvanised	9081 116 960
hinge lower part	aluminium	untreated	9081 116 971

Tie rod bolt with hexagon head

suitable for various hinges for tightening the drop side

Length 815 mm
Thread M12
Surface galvanised
Standard similar to DIN 601

Order no.

9081 110 240



Tipper hinge

pressed, light-duty version

Length 428 mm
Surface galvanised

Scope of supply

hinge support and accessories

Order no.

9081 115 630



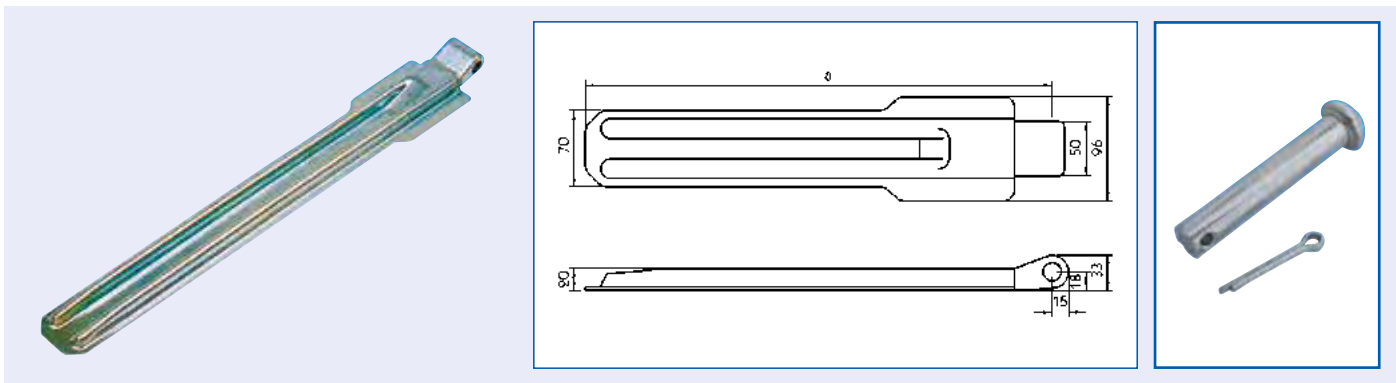


Flap hinge

Version pressed, light
 Surface galvanised

Scope of supply
 hinge support, pin and split pin

Length	Order no.
270 mm	9081 115 470
370 mm	9081 115 490
420 mm	9081 115 500



Flap hinge

pressed, heavy-duty version

Length 430 mm
 Surface galvanised

Order no.
9081 116 190

Accessories

Description	Order no.
Cotter bolt	9081 116 350



Support band eye

Surface untreated

a	b	d	h	Thickness	Order no.
22 mm	49 mm	16,5 mm	43 mm	11 mm	9081 113 820
25 mm	46 mm	12,5 mm	41 mm	8 mm	9081 113 860
30 mm	49 mm	16,5 mm	50 mm	10 mm	9081 113 840

Threaded rail

The forces that occur at the tailboard are optimally passed by the counter-diagonals on the threaded rails into the lowest chamber of the aluminium profile and into the tailboard.

Material aluminium

Surface untreated

Order no.
9081 116 690



Recessed locking handle

Type PWP Paco
 Length 270 mm
 Width 118 mm
 Stroke 32 mm
 Surface galvanised

Application range
 for 25 mm platform gates

Scope of supply
 without T-piece and clamp screw

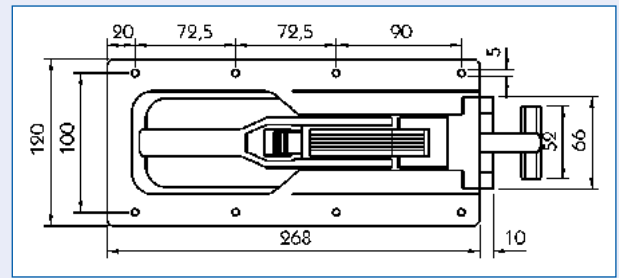
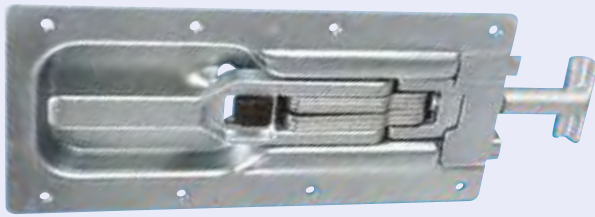


Order no.

9081 127 670

6

Body parts



Recessed locking handle for platform bodies

Type 681 SL
 Version with load pressure safety mechanism
 Length 268 mm
 Width 120 mm
 Installation depth 22 mm
 Surface galvanised

Order no.

9081 025 120

Accessories for recessed locking handle 681 S

Closing gasket for engagement hook 681 N

for letting into a middle or corner stanchion

Type	6811 N	Thickness	30 mm
Length	55 mm	Surface	untreated
Width	54 mm		

Order no.

9081 021 630



T-piece for toggle fastener 681 S/1

Length 63 mm
 Surface galvanised

Order no.

9081 026 300

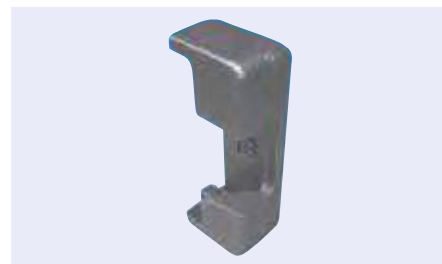


Closing gasket for toggle fastener 681 S/1

Type 6817
Length 74 mm
Width 36 mm
Surface untreated

Order no.

9081 024 610

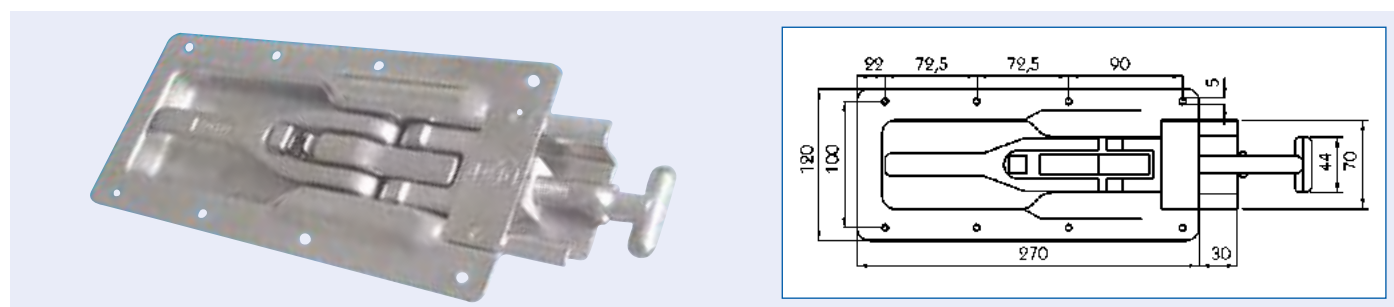


T-piece for toggle fastener 681 SL

Length 98 mm
Surface galvanised

Order no.

9086 025 300



Recessed locking handle for platform bodies

Type 206 N-LF
Version with load pressure safety mechanism
Length 270 mm
Width 120 mm
Installation depth 22 mm
Surface galvanised

Order no.

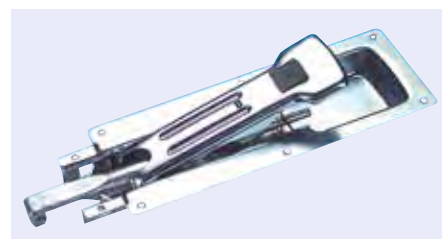
9081 025 410

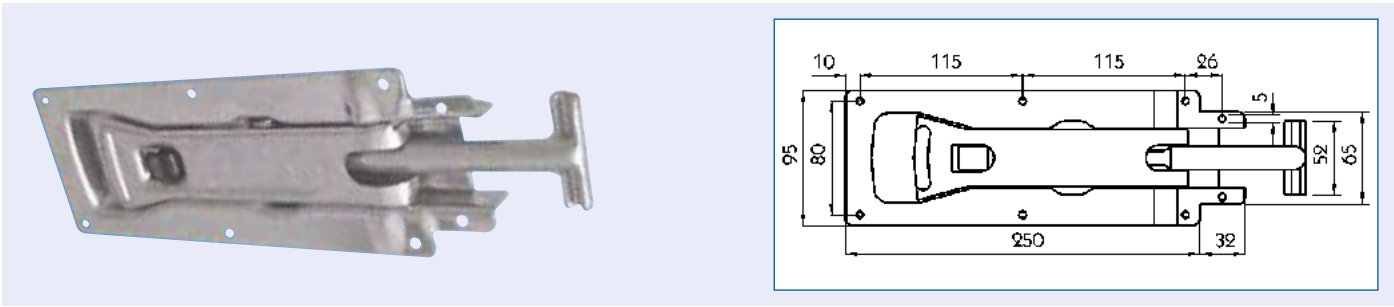
Recessed locking handle for platform bodies

Type 3303
Version with loading pressure protection
Installation depth 25 mm

Order no.

9081 021 360



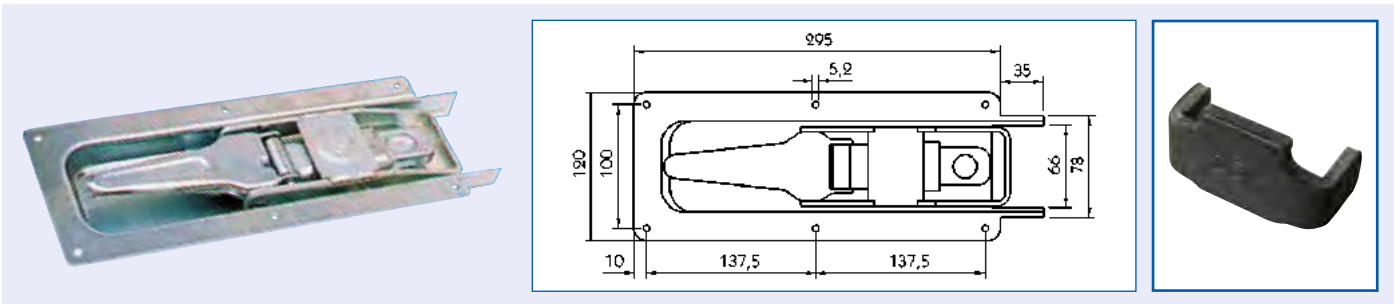


Recessed locking handle for platform bodies

Type	686 S	Width	95 mm
Version	with load pressure safety mechanism	Installation depth	22 mm
Length	250 mm	Surface	galvanised

Order no.

9081 025 140



Recessed locking handle for platform bodies

Version	with safety mechanism against self-opening	Width	120 mm
Length	295 mm	Surface	galvanised

Order no.

9081 015 690

Accessories

Description	Order no.
Counterholder	9085 102 855

Recessed locking handle for heavy platform bodies and folding wall bodies

Type	681 S
Version	with press button locking against self-opening
Installation side	left/right
Length	268 mm
Width	120 mm
Installation depth	22 mm
Surface	galvanised

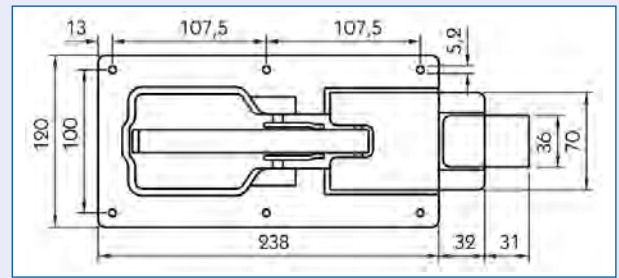
Order no.

9081 024 590

Accessories

Description	Order no.
Closing gasket	9081 024 610





Flat locking bolt for heavy platform and folding wall bodies

Type	682
Version	with safety mechanism against self-opening
Length	238 mm
Width	120 mm
Installation depth	22 mm
Surface	galvanised

Order no.

9081 011 980

Flat locking bolt suitable for Schmitz

Version	welded
Material	steel
Surface	galvanised

Installation side

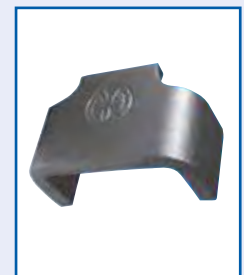
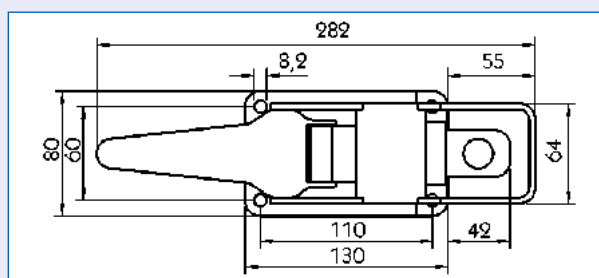
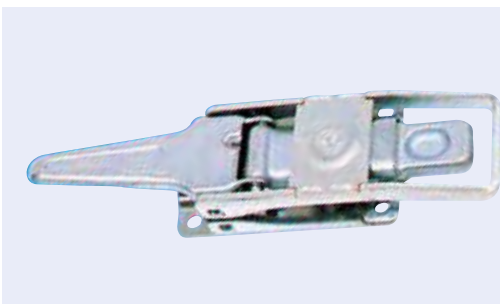
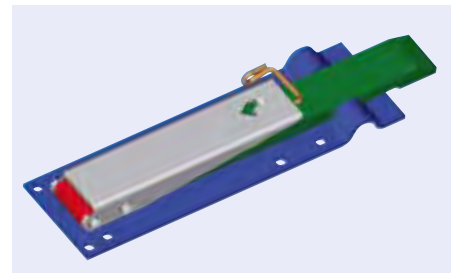
Order no.

left

7773 215 470

right

7773 215 460



Toggle fastener for platform bodies

Type	604
Version	with safety mechanism against self-opening
Length	282 mm
Width	80 mm
Surface	galvanised

Order no.

9081 015 670

Accessories

Description

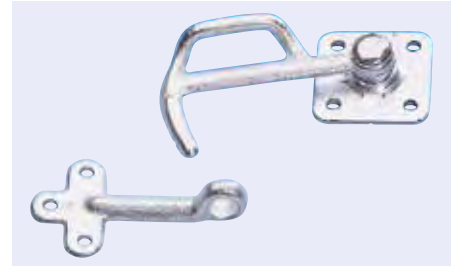
Order no.

Counterholder

9081 015 680

Box lock with bowed handle

Type 256 B
Surface galvanised



Size	Installation side	Lever length	Width	Order no.
0	left	116 mm	60 mm	9081 016 190
0	right	116 mm	60 mm	9081 016 200
1	left	130 mm	70 mm	9081 015 050
1	right	130 mm	70 mm	9081 015 060
2	left	173 mm	80 mm	9081 015 070
2	right	173 mm	80 mm	9081 015 080
3	left	205 mm	90 mm	9081 015 090
3	right	205 mm	90 mm	9081 015 100

6

Body parts

Counterholder

Size	Order no.
0	9081 016 210
1	9081 015 110
2	9081 015 120
3	9081 015 130



Angled lever fastener

a built-in safety mechanism prevents self-opening

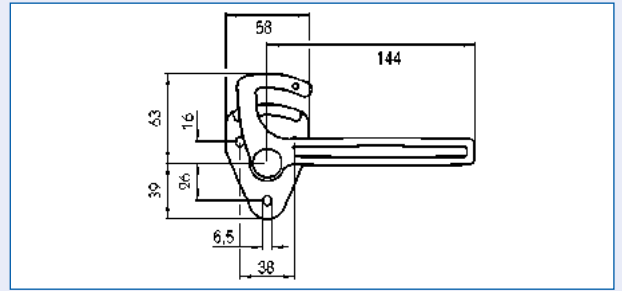
Type 6121 N
Size 1

Lever length 170 mm
Surface galvanised

Application range

for mounting on bodies of all kinds

Installation side	Order no.
left	9081 019 970
right	9081 019 980



Angled lever fastener

Type 6121 N
Size 0

Lever length 144 mm
Surface galvanised

Application range

for mounting on bodies of all kinds

Installation side

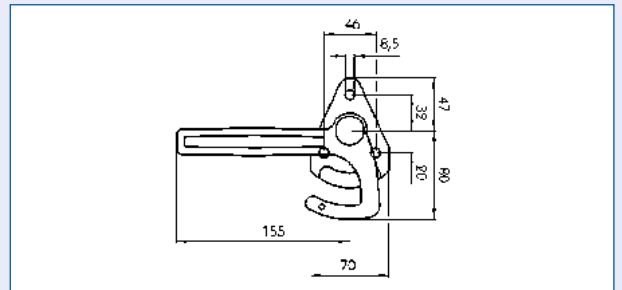
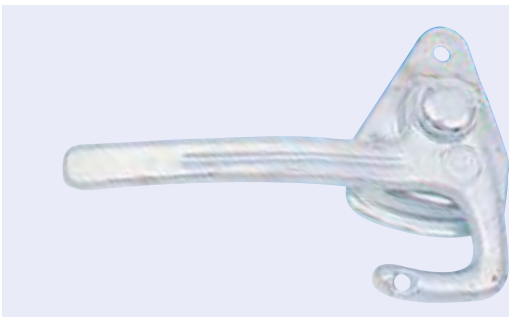
left

Order no.

9081 020 440

right

9081 020 450



Angled lever fastener

Size 1
Lever length 155 mm

Surface galvanised

Application range

for mounting on bodies of all kinds

Installation side

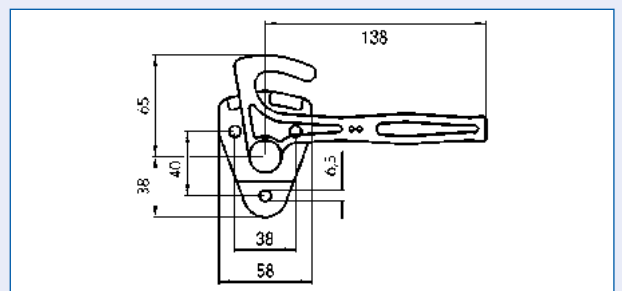
left

Order no.

9081 024 040

right

9081 024 050



Angled lever fastener

a fastener spring prevents self-opening

Type 3990
Size 0

Lever length 138 mm
Surface galvanised

Application range

for mounting on bodies of all kinds

Installation side

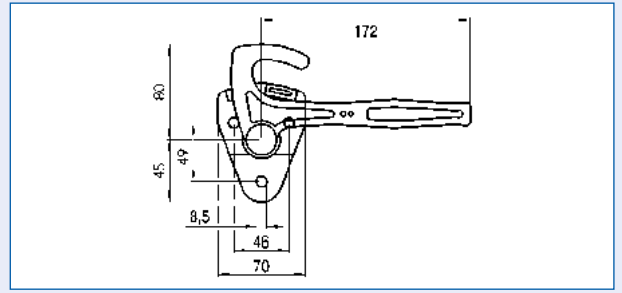
left

Order no.

9081 024 810

right

9081 024 820



Angled lever fastener

a fastener spring prevents self-opening

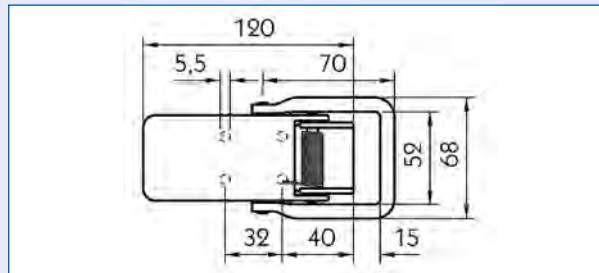
Type 3991
Size 1

Lever length 172 mm
Surface galvanised

Application range

for mounting on bodies of all kinds

Installation side	Order no.
left	9081 024 830
right	9081 024 840



Toggle fastener with lug for padlock

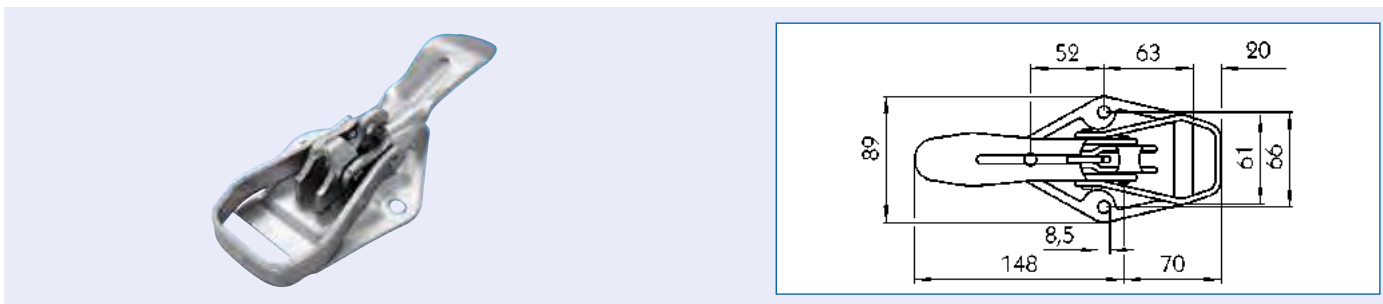
Length 120 mm
Width 52 mm
Lever length 70 mm

Mounting height 25 mm
Surface galvanised

Order no.
9080 714 820

Accessories

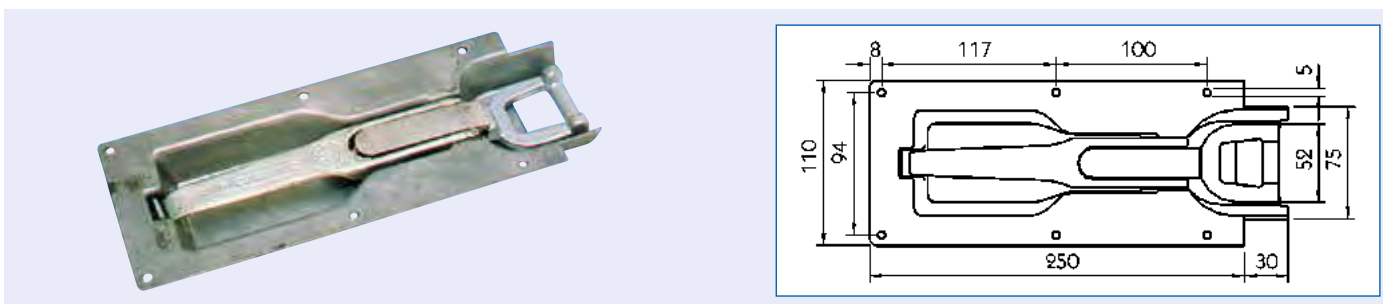
Description	Order no.
Counterholder	9080 710 620



Toggle fastener with automatic safety hook

Type	AH 27	Width	89 mm
Installation side	left/right	Lever length	148 mm
Length	218 mm	Mounting height	40 mm

Surface	Order no.
untreated	9081 011 210
galvanised	9081 021 120

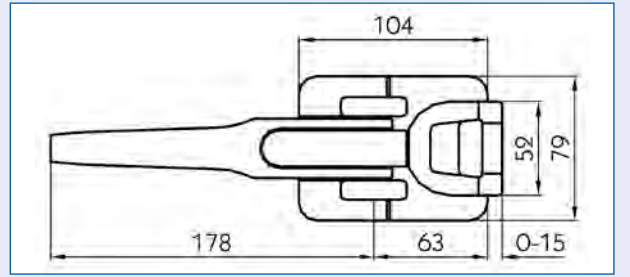


Toggle fastener with short engagement eye

Type	PWP	Installation depth	22 mm
Length	250 mm	Surface	galvanised
Width	110 mm		

Application range
for mounting on platform bodies

Order no.
9081 021 170



Toggle fastener with short engagement eye

Type	PWP	Lever length	178 mm
Installation side	left/right	Mounting height	28 mm
Length	241 mm	Surface	galvanised
Width	79 mm		

Application range
for mounting on platform bodies

Order no.
9081 016 240

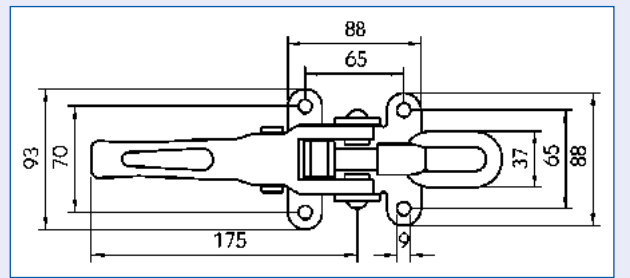
6 Body parts

Counterholder for PWP toggle fastener

Version	straight
Length	106 mm
Width	63 mm
Height	30 mm
Surface	hot-galvanised



Order no.
9081 016 270

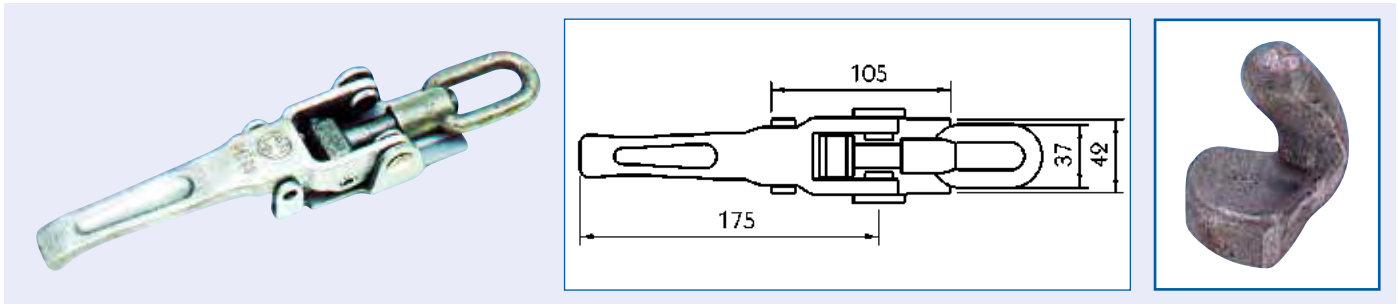


Toggle fastener for screw attachment

Type	6043	Lever length	175 mm
Overall length	250-285 mm	Mounting height	34 mm
Width	88 mm	Surface	galvanised

Application range
for mounting on light platform bodies

Version		Order no.
without safety mechanism		9081 017 020
with safety mechanism		9081 023 191



Toggle fastener for welding on

Type	6043 S	Lever length	175 mm
Overall length	250-285 mm	Mounting height	34 mm
Width	42 mm	Surface	untreated

Application range
for mounting on light platform bodies

Version	Order no.
without safety mechanism	9081 010 980
with safety mechanism	9081 023 201

Accessories

Description	Order no.
Retaining cam	9081 020 320

Counterholder for screw attachment , for toggle fasteners 6043 and 6043 S

Type	6044
Overall length	159 mm
Fastening	3 holes with 8,7 mm diameter
Surface	galvanised

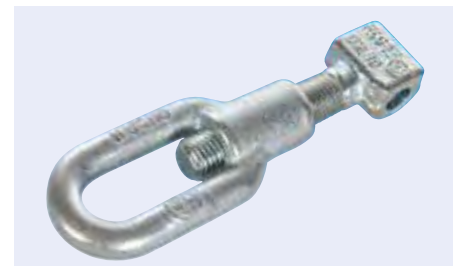
Order no.
9081 017 040



Clamp screw for toggle fasteners 6043 and 6043 S

Version	with cage nut
Surface	galvanised

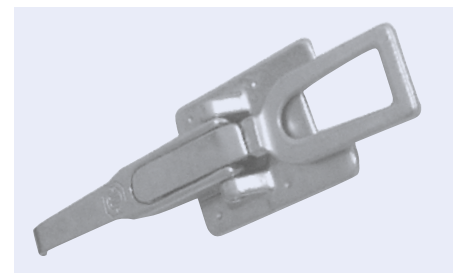
Order no.
9082 012 050

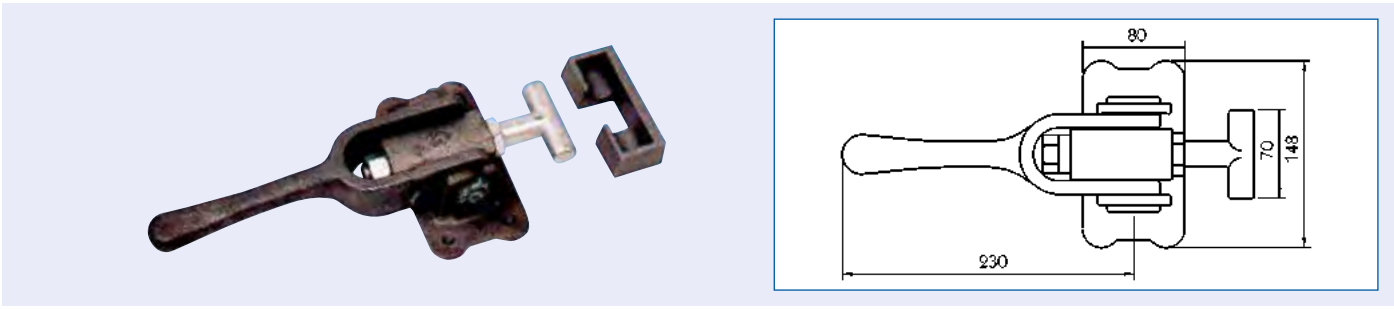


Toggle fastener

Type	PWP
Version	with long engagement lug
Length	276-291 mm
Width	79 mm
Height	28 mm
Surface	galvanised

Order no.
9081 016 250





Toggle fastener

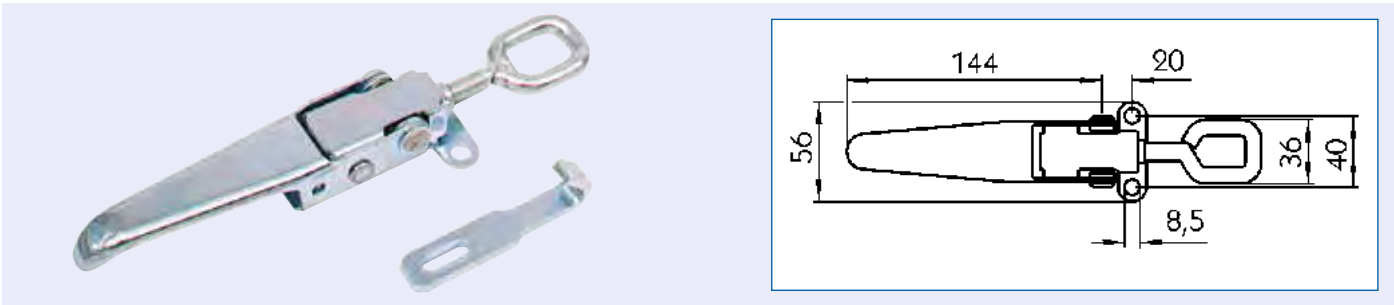
Type	PWP no. 7
Width	150 mm
Lever length	230 mm
Mounting height	54 mm
Tensile strength	5 t
Surface	untreated

Order no.

9081 012 070

Accessories

Description	Order no.
Companion piece	9081 012 080



Toggle fastener for screw attachment

Overall length	210-235 mm
Width	56 mm
Lever length	119 mm
Surface	galvanised

Application range

suitable for light to medium-weight trucks, car trailers, light platform bodies, tool chests, transportation containers, agricultural vehicles or for securing tarpaulins on vehicles

Order no.

9081 016 880

Accessories

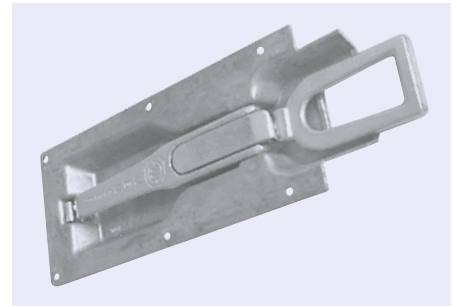
Description	Order no.
Counterholder, straight, galvanised	9081 016 980

Toggle fastener

Type	PWP
Version	with long engagement lug
Length	300-315 mm
Width	110 mm
Installation depth	22 mm
Surface	galvanised

Order no.

9081 021 190



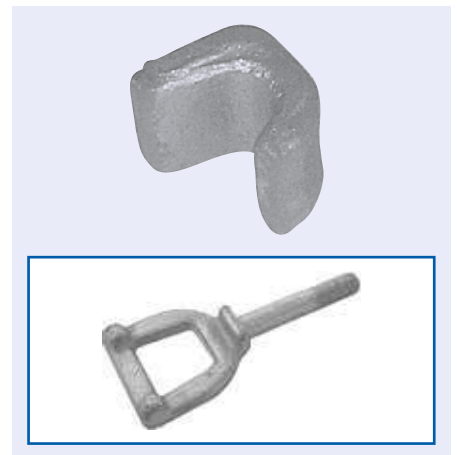
Counterholder for PWP eccentric clasp

This figure corresponds to 9080 002 523

Version	Surface	Order no.
low format	unfinished	9080 002 523
closing pocket	unfinished	9085 102 040
angled format	galvanised	9085 101 628

Accessories

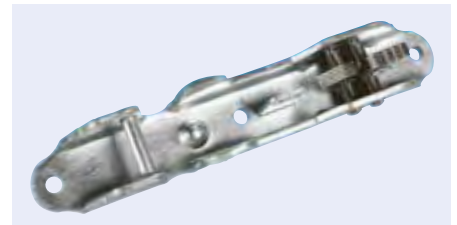
Description	Order no.
Engagement lug, short, galvanised	9085 102 578



Counterholder

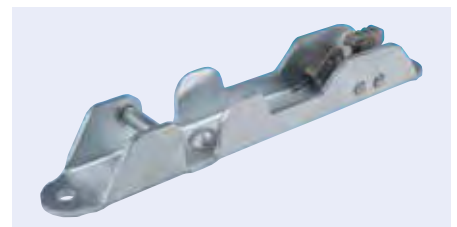
Installation location	bottom
Installation side	left/right

Order no.	Comparative no.
7778 308 810	Schmitz 830881



Counterholder

Order no.	Comparative no.
7778 310 340	Schmitz 831034



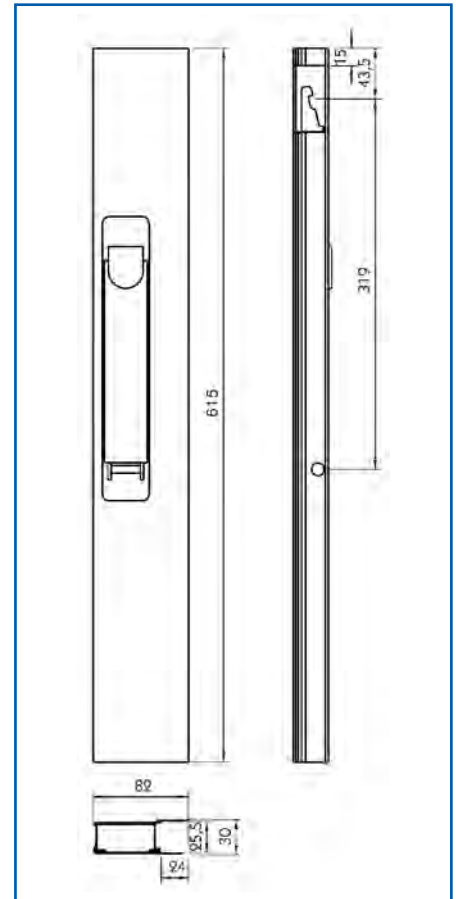
Long-travel bolt latch

710

with identification printing inside, additional safety mechanism against unintentional opening and automatic adjustment, edging untreated, fastener mechanism galvanised

Version profile edging with flat side outwards
Nominal height 615 mm

shortening to nominal length of 415 mm possible



Installation side	Order no.
left	9080 629 015
right	9080 629 016

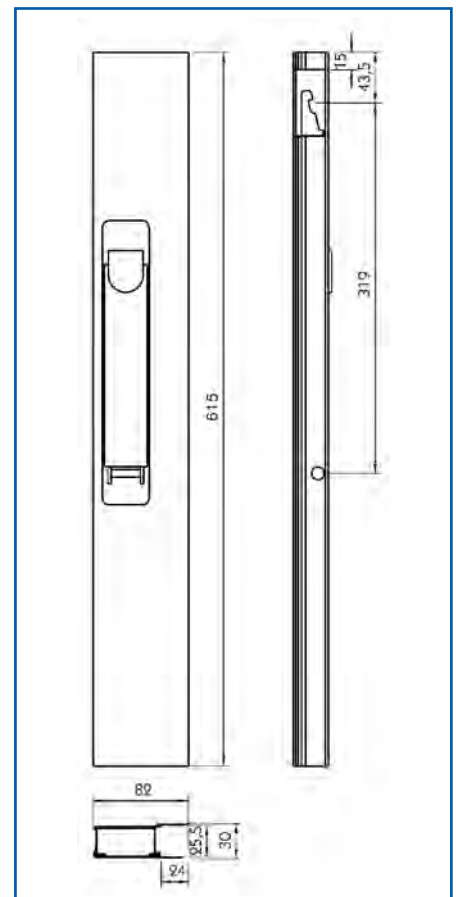
Long-travel bolt latch

712

with identification printing inside, additional safety mechanism against unintentional opening and automatic adjustment, edging untreated, fastener mechanism galvanised

Version profile edging with flat side inwards
Nominal height 615 mm

shortening to nominal length of 415 mm possible

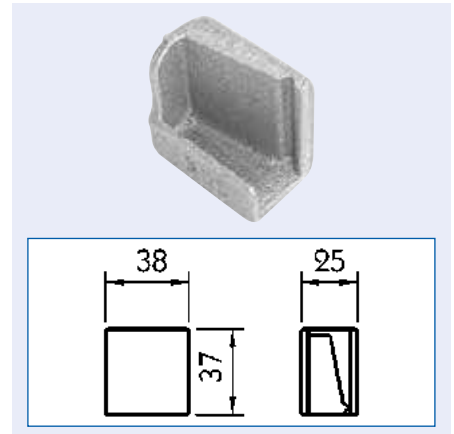


Installation side	Order no.
left	9082 080 000
right	9082 079 900

Counterholder for long-travel bolt latches 710 and 712

Version for welding on
Installation location top
Surface untreated

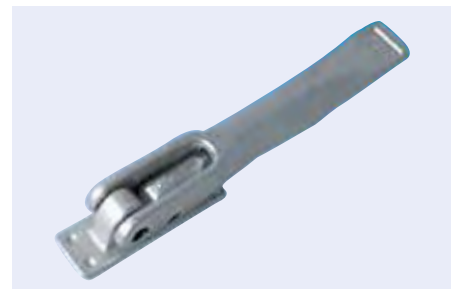
Installation side	Order no.
left	9087 114 700
right	9087 114 500



Hanging fastener

Type H 10 G/H 11
Version control part
Length 235 mm
Width 32 mm
Surface galvanised

Order no.
9081 026 840



Closing bolt for hanging fastener

Type H 11
Surface untreated/galvanised

Installation location	Installation side	Order no.
at the side	left/right	9081 022 040
rear	left	9081 022 050
rear	right	9081 022 060



Floating bearing

Type H 10 G
Surface unfinished

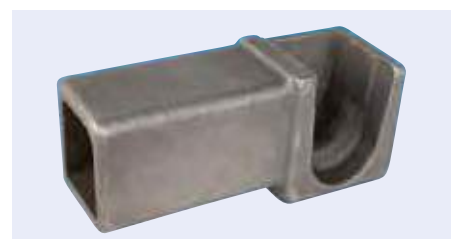
Installation side	Order no.
left	9081 023 850
right	9081 023 860



Floating bearing

Type H 11
Length 145 mm
Surface untreated

Installation side	Order no.
left	9081 021 990
right	9081 022 000



Rocker stud

Type H 10 G
Version straight
Surface unfinished

Application range

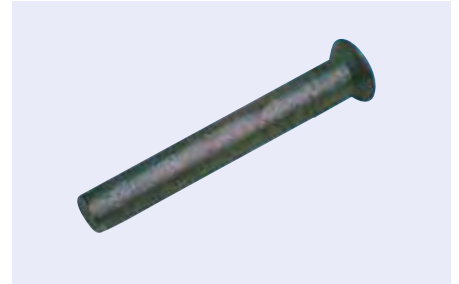
for welding onto steel tailboards

Order no.

9081 018 480**Rocker stud
for hanging fastener 664 N**

Type 6640 N
Overall length 130 mm
∅ 18 mm
Shank ∅ 29 mm
Surface untreated

Order no.

9081 019 560**Turnbuckle**

This figure corresponds to 9081 023 900

Type	Length	Order no.
H 10 G/H 11	55 mm	9081 023 900
H 10 G/H 11	120 mm	9081 023 910
H 10 G/H 11	180 mm	9081 023 920
H 10 G/H 12	240 mm	9081 023 930

**Floating pin
for H 11 hanging fastener**

Type H11 C-long
Overall length 130 mm
∅ 40 mm
Surface unfinished

Order no.

6510 000 035**Floating pin**

Type H 500 B/H 10 G
Version straight
Surface unfinished

Order no.

9081 026 810

Floating pin

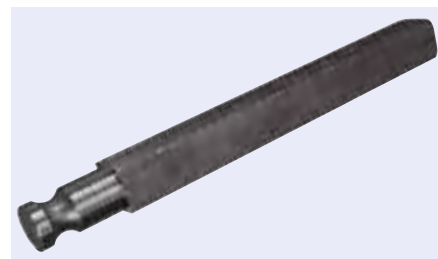
Type H 10 G
Version straight
Surface unfinished

Application range

for insertion in steel or aluminium hollow chamber profile

Order no.

9082 102 677

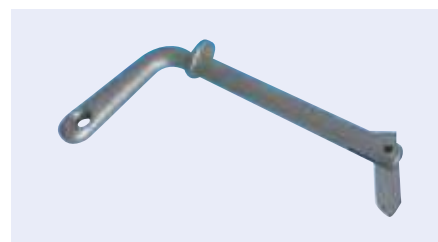


Socket pin with tongue

Useful length 80 mm
Ø 12 mm
Surface untreated

Order no.

9081 410 190



Socket pin with chain and ring

Useful length 70 mm
Chain length 200 mm
Ø 10 mm
Surface untreated

Order no.

9081 012 300



Socket pin with chain and 80 mm snap hook

Chain length 220 mm
Surface untreated

Ø	Useful length	Order no.
16 mm	70 mm	9081 410 270
20 mm	85 mm	9081 410 290



Safety strap suitable for Box clasp

S-hook with 3.8 mm thickness, screw-on platelet galvanised

Length 270 mm
Ø 3 mm

Order no.

9081 010 370



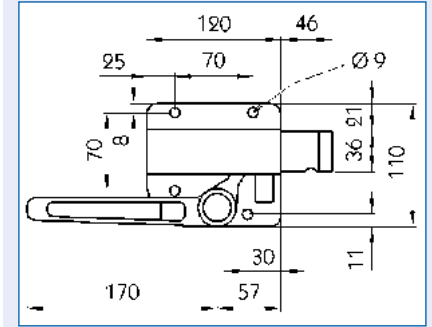
6

Body parts

Flat locking bolt for tail lift

extremely flat design for middle and corner stanchions, can be installed in frame profile, customs lock, horizontal handle concealed below tarpaulin in closed position, the spring-loaded ball lock retains the lever in both end positions, plastic bearing in lever pivot

Type 680
Lever length 170 mm
Surface galvanised



Installation side	Order no.
left	9081 011 860
right	9081 011 870



Platform flashing LED light with 2 LEDs

Voltage 24 V
Colour yellow
Cable length 190 mm
Type surface-mounting

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
9269 204 051	HELLA 2BA 009 204-051



Platform flashing LED light

Voltage 24 V
Colour yellow
Width 108 mm
Height 14,5 mm
Depth 75 mm
Protection class IP5K9K

Scope of supply
with attachment screws

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0008 260 001	HELLA 2BA 008 260-001

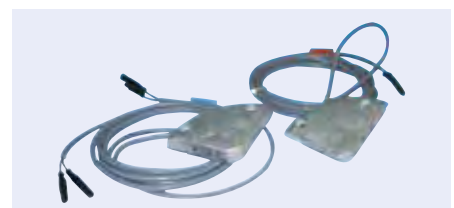


LED hazard warning light set

Voltage 12/24 V

Application range
Dhollandia

Order no.
8005 552 700





Indicator

Installation location rear
Voltage 24 V
Number of poles 4

Application range
for mounting on tail lifts

Order no.	Comparative no.
0003 787 021	HELLA 4AZ 003 787-021



Hazard warning light HULA Blitz Set for loading tailgate

Scope of supply
2 lamps, cabling, relays, mounting materials, bulbs and installation instructions

Voltage	Order no.
12 V	9500 008 000
24 V	9500 008 100

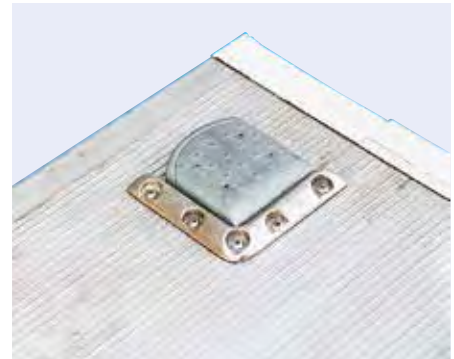


Protection bar set for hazard warning lamp

Material aluminium

Scope of supply
2 protection bars (each with 4 holes) and 8 rivets

Order no.
9199 970 060



Closing cylinder Z/ZS/ZSS-250-155

Cylinder- \varnothing 45/90 mm

Application range
Zepro/Mammut lift

Order no.
8001 014 864



Lifting cylinder

Length 498 mm
Arm length 700-900 mm
Cylinder- \varnothing 55 mm

Application range
MBB Palfinger and more

Order no.
8001 008 113



Hydraulic pump

Rate of delivery 2,5 cm³/stroke
 Connection star

Application range
 Zepro/Mammut lift

Order no.

8002 014 364



6

Body parts



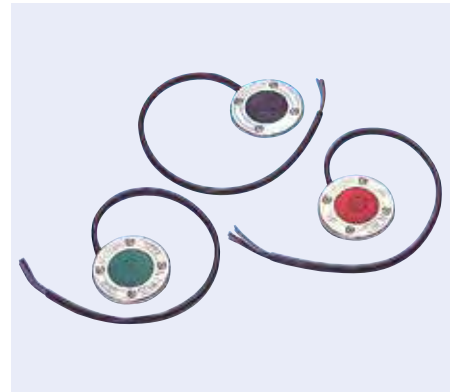
Foot-operated switch

for manual operation of hoisting platform

∅ 80 mm

Scope of supply
 with 500 mm connection cable

Version	Colour	Order no.	Comparative no.
H = raise carrier plate	red	9461 374 003	HELLA 6EJ 996 067-621
neutral carrier plate	black	9461 374 203	HELLA 6EJ 996 067-631
S = lower carrier plate	green	9461 374 103	HELLA 6EJ 996 067-611



Foot-operated switch

for manual operation of hoisting platform

Version S = lower carrier plate

Length 6000 mm

Colour black

Application range
 Dautel

Scope of supply
 complete, with connection cable

Order no.

8004 507 509



Foot-operated switch

Application range
 MBB Palfinger

Order no.

8004 513 452



Manual operation

for manual operation of hoisting platform

Version with 2 buttons, solenoid, 2 x 2NO, without cable and connector

Order no.

8004 502 872



Relay SW80-PL

Version with silver contacts

Application range

AMA, Anteo, Bär Cargolift, Dautel, Sörensen

Order no.

3363 011 084



Solenoid valve

Version single locked

Voltage 24 V

Ø 15 mm

Application range

AMA, Dautel, Mariba, MBB-Palfinger

Order no.

8002 501 503



Protective tube

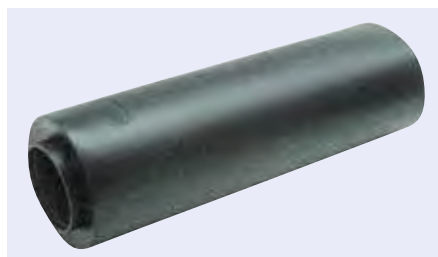
Dimensions Ø 70 x 310 mm

Application range

Bär Cargolift, Dautel

Order no.

3363 011 002



Gasket set

Ø 70 mm

Application range

MBB Palfinger

Order no.

8001 508 133



Warning flag set for loading tailgate

prismatic highly reflective film type III

Version with enhanced rear coating

Material PVC

Width 250 mm

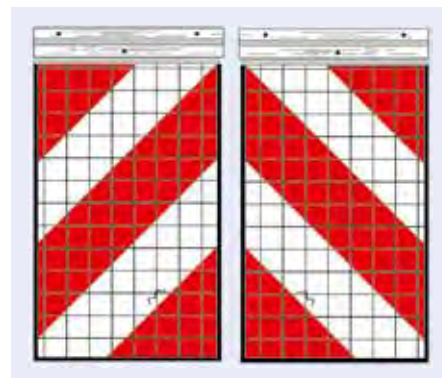
Height 400 mm

Scope of supply

2 x warning flags, 2 x aluminium brackets

Order no.

1261 700 033



6

Body parts

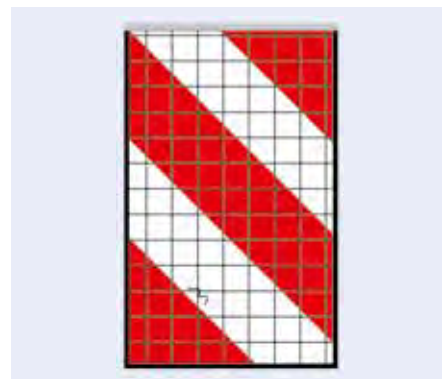
Warning markings for hoisting platform

Material PVC

Width 250 mm

Height 400 mm

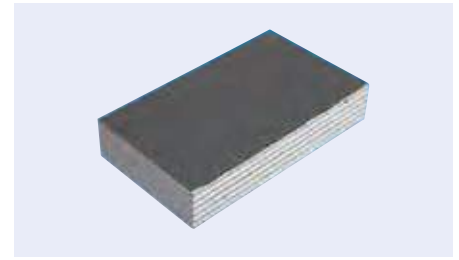
Version	Type	Order no.
without bracket	left	9651 700 001
without bracket	right	9651 700 002
with aluminium bracket		9651 700 021
with aluminium bracket		9651 700 031



Coated plywood board BFU 100

- high resistance to abrasion
- high chemical stability
- anti-slip surfaces (screen printed plywood)
- increased moisture resistance

Material Russian birch
Version glued
Length 2500 mm



Width	Thickness	Order no.
1250 mm	9 mm	9080 000 272
1250 mm	12 mm	9080 000 273
1250 mm	15 mm	9080 000 274
1250 mm	18 mm	9080 000 275
1250 mm	21 mm	9080 000 276
1250 mm	24 mm	9080 000 277
1250 mm	27 mm	9080 000 278
1250 mm	30 mm	9080 000 279
1500 mm	9 mm	9080 000 283
1500 mm	12 mm	9080 000 284
1500 mm	15 mm	9080 000 285
1500 mm	18 mm	9080 000 286
1500 mm	21 mm	9080 000 287
1500 mm	24 mm	9080 000 288
1500 mm	27 mm	9080 000 222
1500 mm	30 mm	9080 000 289



Container door hinge

Surface galvanised

Scope of supply

complete, with bolt-on mounting and hinge pin

Order no.

9081 115 960



Container door hinge for swap body system

extremely strong

Type 928

split pin galvanised, remaining parts untreated

Scope of supply

2 short and 1 long hinge link, 1 hinge pin, 1 washer, 1 split pin

Version

3-piece

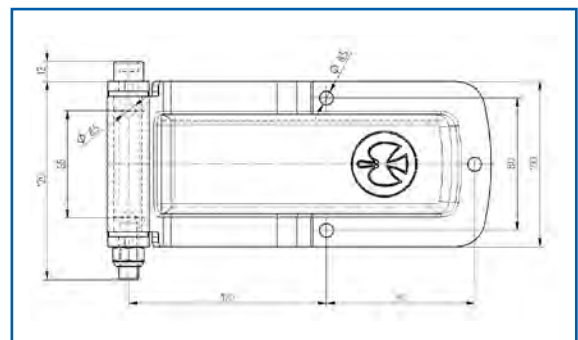
Order no.

9080 111 894

Hinge blade

Type 895.10

If a customs bond is required, the cylinder bolt as well as each securing bolt on the hinge leaf and on the hinge dog must be secured with a spot weld on the bolt head.



Order no.

9081 061 000

Container fastener

Version 3/4"
Surface galvanised

Scope of supply

2 clamping spigots, 2 counterholds, 2 rod brackets with base, 2 rod guides with base, 1 hand lever, 1 bracket, 1 complete locking device

Order no.

9080 101 412



Container fastener

Version 3/4"
Surface galvanised

Scope of supply

2 clamping spigots, 2 counterholds, 2 rod brackets with base, 2 rod guides with base, 1 hand lever, 1 bracket, 1 complete locking device

Order no.

9081 026 780



Espagnolette fastener

PWP Boxer

Surface galvanised

Scope of supply

1 x fastener with latch, 1 x turn hook, 1 x closing pocket, 1 x threaded rail (short), 1 x threaded rail (long), 5 x countersunk screws M8 x 25

Order no.

9085 102 698



"T" bar

for espagnolette PWP Boxer

Order no.

9083 119 020



Locking hook pocket

for Boxer espagnolette

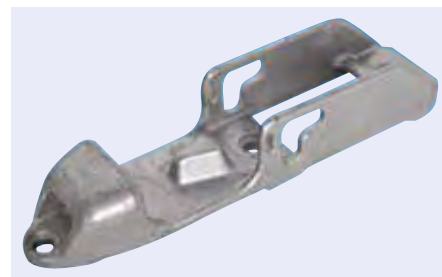
Order no.

9080 196 610



Locking for Boxer espagnolette

Order no.
9083 119 066



6

Body parts

Cylinder lock for espagnolette 6900 N

Type 6916
Scope of supply
2 keys

Order no.
9081 024 710



Cylinder lock for espagnolette 790.1

Type 6912

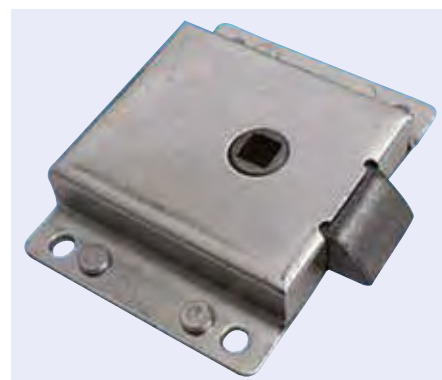
Order no.
9081 020 030



Hatch lock especially for sales vehicles

Type 3113
Surface galvanised

Order no.
9081 024 210





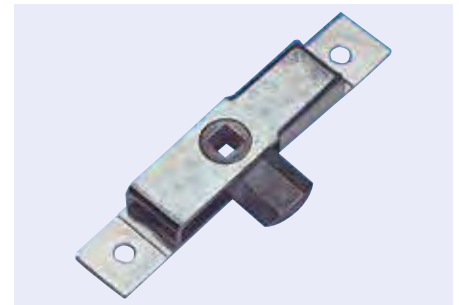
Lock with latch

Installation side	Order no.
left	9802 218 300
right	9802 218 310

Tongue lock for installation in door closures

Version	screw attachment
Installation side	left/right
Surface	galvanised

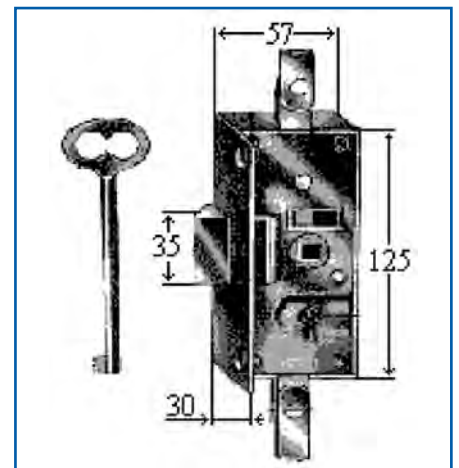
Dimensions	Arbour size	Square	Order no.
100 x 19 mm	9 mm	7 mm	9802 214 700
125 x 28 mm	13 mm	8 mm	9802 214 900



Operating rod lock

Version	without fittings
Installation side	right
Material	steel
Surface	galvanised

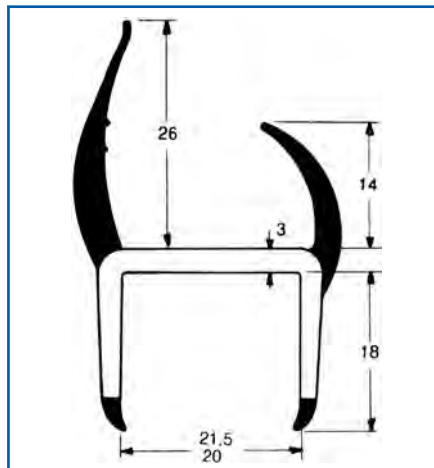
Scope of supply
1 key



Order no.
9460 000 021

**PVC seal
for doors and hatches**

Version with 2 lips
 Length 5000 mm
 Clamping range 21,5 mm
 Colour grey/black

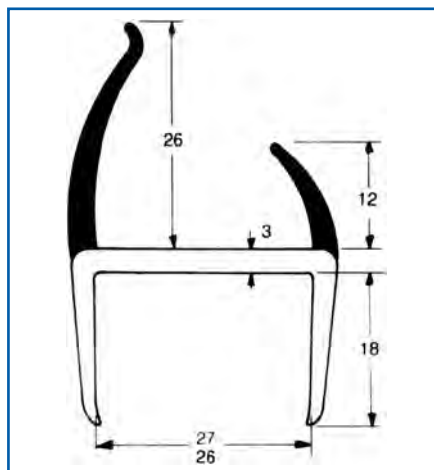


Order no.

9080 009 915

**PVC seal
for doors and hatches**

Version with 2 lips
 Length 5000 mm
 Clamping range 27 mm
 Colour grey/black

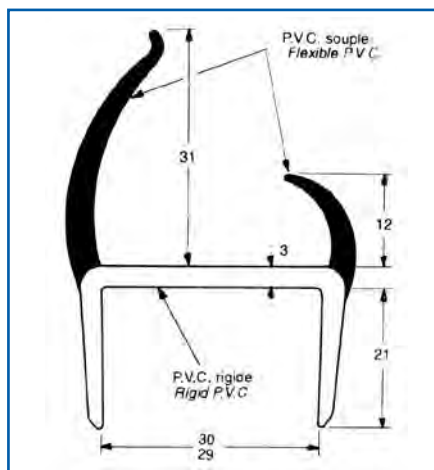


Order no.

9080 009 920

**PVC seal
for doors and hatches**

Version with 2 lips
 Length 5000 mm
 Clamping range 30 mm
 Colour grey/black



Order no.

9080 009 925

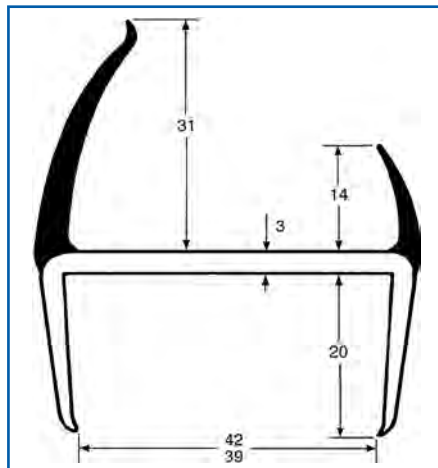
6

Body parts

**PVC seal
for doors and hatches**

Version with 2 lips
 Length 5000 mm
 Clamping range 42 mm
 Colour grey/black

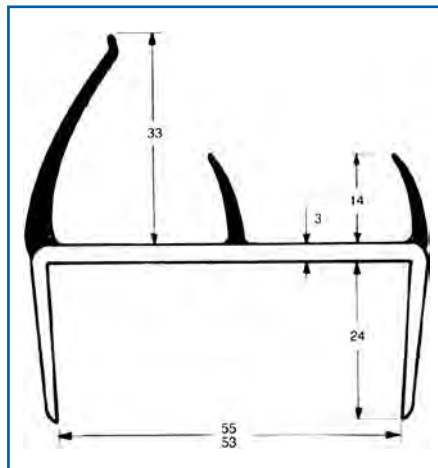
Order no.
 9080 009 935



**PVC seal
for doors and hatches**

Version with 3 lips
 Length 5000 mm
 Clamping range 55 mm
 Colour grey/black

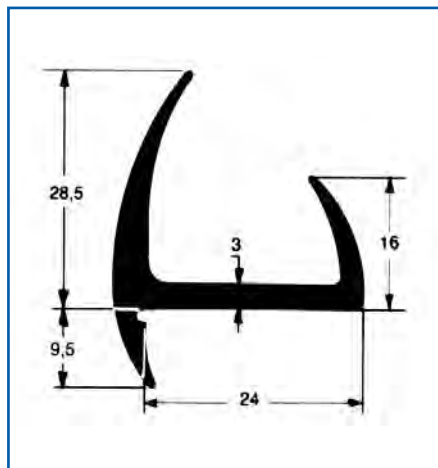
Order no.
 9080 009 940



**PVC seal
for doors and hatches**

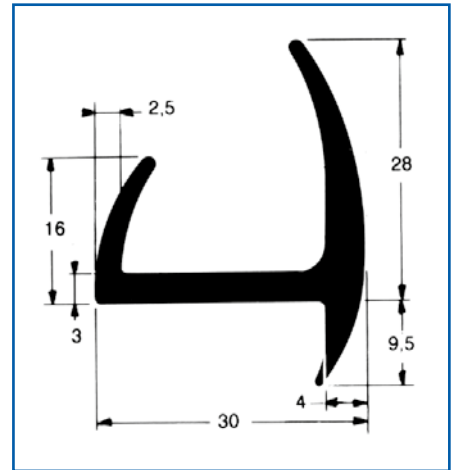
Version with 2 lips
 Length 2500 mm
 Clamping range 24 mm
 Colour black

Order no.
 9080 009 955



**PVC seal
for doors and hatches**

Version with 2 lips
 Length 2600 mm
 Clamping range 26 mm
 Colour grey



6

Order no. 9080 009 960

Body parts

**Rubber seal
for double pivot hinge**

Application range
 for all-around edging, side (outside), top and bottom
 sold by the meter



Order no. 9082 195 010

Profile

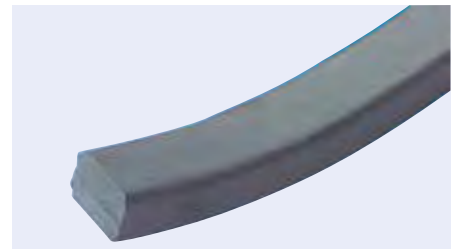
Material rubber
 Length 20 m
 Container Roll



Order no. 9081 111 664

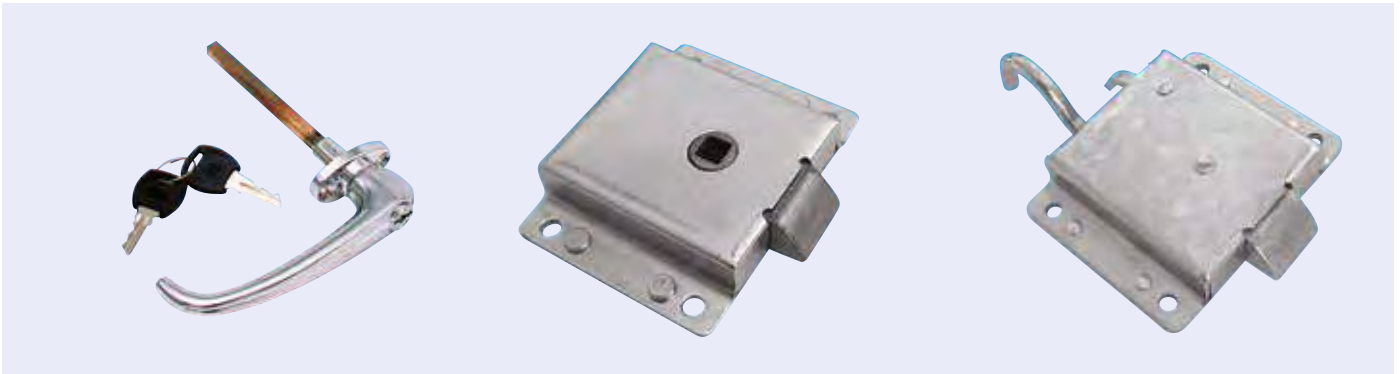
Foam rubber

Colour antracite
 sold by the meter



This figure corresponds to 9802 803 700

Version	Dimensions	Order no.
half-round profile with edge radius 3 mm	13 x 20 mm	9802 803 700
box section	10 x 25 mm	9081 118 100



Outside handle for tongue locks and hatch locks

Scope of supply
with integral cylinder lock and 2 keys

Order no.

9081 024 260

Handle

Length 188 mm
Colour black
Material polyurethane integral foam on galvanised sheet steel core

Order no.

9081 315 110



Spring locking pin

Length 43 mm
Ø of bush 20 mm
Pin Ø 10 mm

Scope of supply
with ring eye

Order no.

9802 834 600

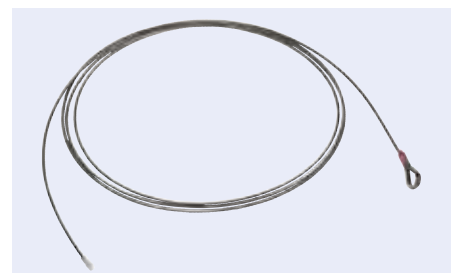


Bearer cable for roller doors

suitable for Todco

Order no.

9370 452 160

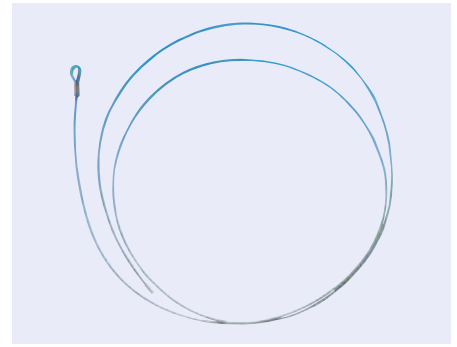


Bearer cable for roller door

Version single cable
Length 2794 mm
Colour red

Order no.

9370 452 110



6

Body parts

Bearing bush for rollers

Application range
roller shutter

Order no.

9370 302 000



Bracket for double roller

Installation side

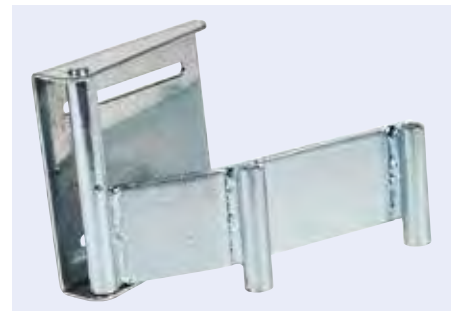
Order no.

left

9370 252 410

right

9370 252 400

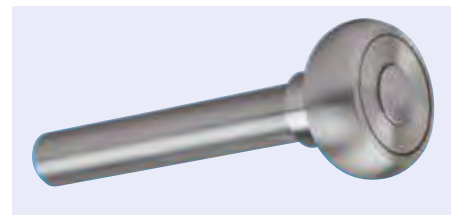


Roller for roller doors

Version 1"
Material stainless steel

Order no.

9370 300 200



Angled lever fastener for roller doors

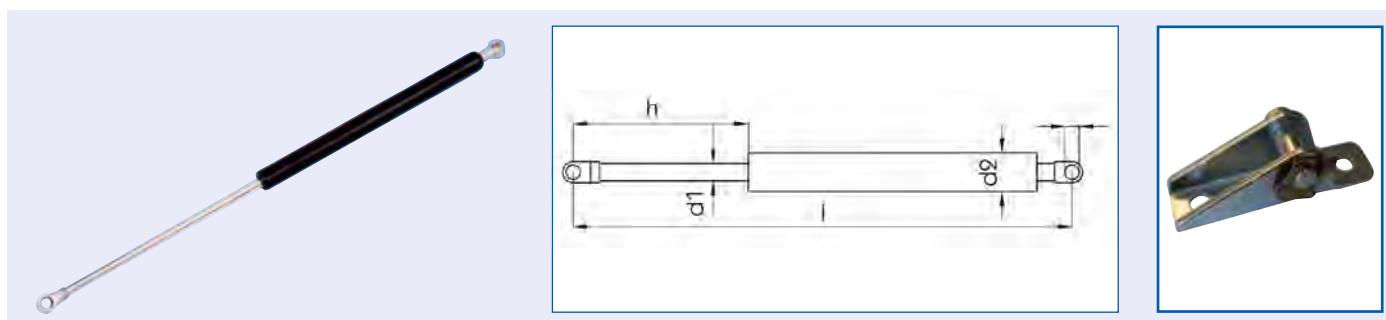
with integrated safety device preventing self-opening

Surface galvanised

Order no.

9370 350 110





Gas spring for hatch operation

cylinder and piston rod ends in the form of eyes and chrome-plated piston rod

Version with welded-on eyes

Hole \varnothing 8 mm

Spring force	h	l	d ₁	d ₂	Order no.
250 N	150 mm	450 mm	10 mm	22 mm	9081 411 700
250 N	200 mm	500 mm	10 mm	22 mm	9081 411 750
250 N	250 mm	650 mm	10 mm	22 mm	9081 411 810
500 N	150 mm	445 mm	10 mm	22 mm	9081 411 710
500 N	200 mm	505 mm	10 mm	22 mm	9081 411 760
500 N	250 mm	652 mm	10 mm	22 mm	9081 411 820
750 N	150 mm	450 mm	10 mm	22 mm	9081 411 720
750 N	200 mm	505 mm	10 mm	22 mm	9081 411 770
750 N	250 mm	650 mm	10 mm	22 mm	9081 411 830
1000 N	200 mm	500 mm	10 mm	22 mm	9081 411 780
1000 N	250 mm	650 mm	10 mm	22 mm	9081 411 840
1000 N	300 mm	750 mm	14 mm	28 mm	9081 411 860
1250 N	300 mm	750 mm	14 mm	28 mm	9081 411 870
1500 N	200 mm	500 mm	14 mm	18 mm	9081 411 790
1750 N	200 mm	495 mm	14 mm	28 mm	9081 411 800

Accessories

This figure corresponds to 9086 051 600

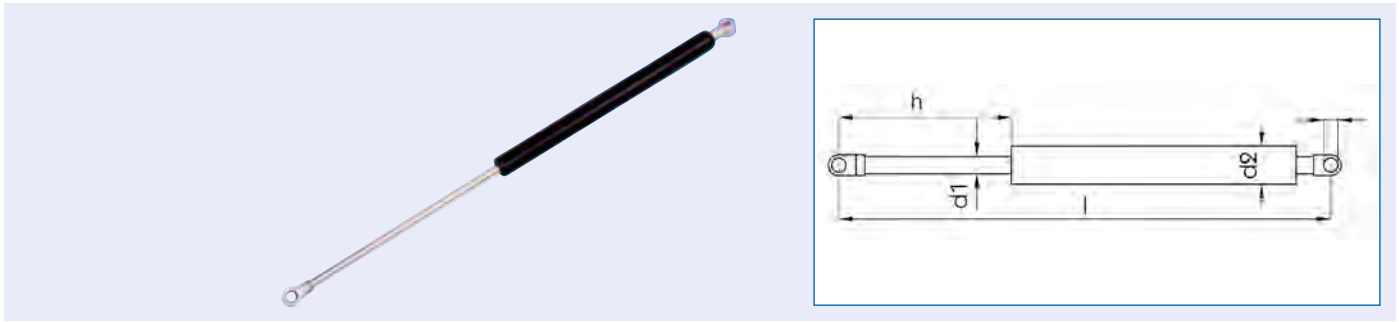
Description	Order no.
Base shoe, small, with pivot	9086 051 600
Base shoe, large, with pivot	9086 051 620



Gas spring

Type	Spring force	Length	Stroke	Order no.
ST-1	500 N	685 mm	300 mm	4440 512 018
ST-2	250 N	504,5 mm	200 mm	4440 512 003
ST-2	500 N	300,5 mm	100 mm	4440 512 001
ST-2	500 N	444,5 mm	150 mm	4440 512 002
ST-2	500 N	504,5 mm	200 mm	4440 512 004
ST-2	500 N	750,5 mm	300 mm	4440 512 008
ST-2	1500 N	749,5 mm	300 mm	4440 512 011
ST-2	1500 N	896,5 mm	400 mm	4440 512 012

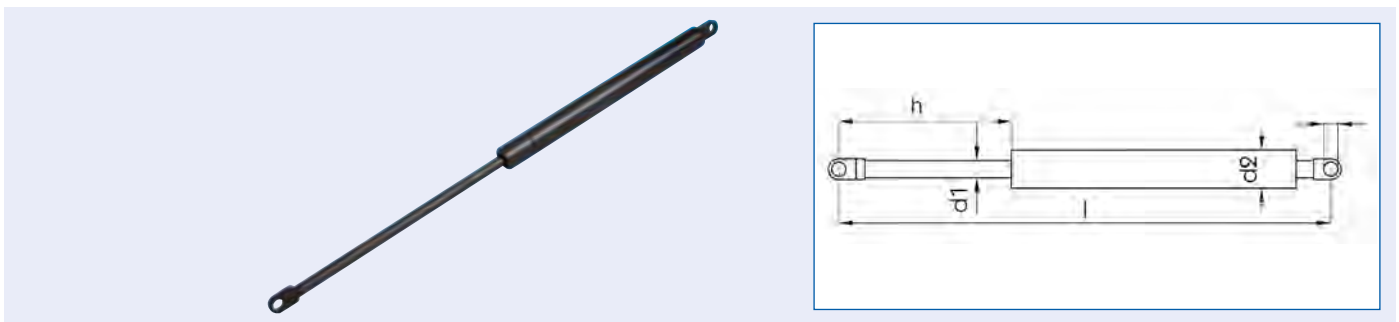




Gas spring ST-2

Version with screwed-on eyes

Spring force	h	l	d ₁	d ₂	Order no.
250 N	100 mm	300,5 mm	10 mm	22 mm	9086 039 900
500 N	250 mm	651,5 mm	10 mm	22 mm	9086 040 220
750 N	200 mm	504,5 mm	10 mm	22 mm	9086 040 140
750 N	300 mm	750,5 mm	10 mm	22 mm	9086 040 340
1000 N	250 mm	651,5 mm	10 mm	22 mm	9086 040 260
1000 N	300 mm	749,5 mm	14 mm	28 mm	9086 040 360



Gas spring ST-1

Version with welded-on eyelets

Spring force	d ₁	d ₂	h	l	Order no.
250 N	10 mm	22 mm	250 mm	585 mm	9086 050 630
500 N	10 mm	22 mm	200 mm	485 mm	9086 050 450
500 N	10 mm	22 mm	250 mm	585 mm	9086 050 650

Gas spring

Order no.
2881 005 611

Comparative no.
Schmitz 1071691



Gas spring

Spring force 500 N

Order no.
9270 595 600



Gas spring

LIFT-O-MAT®, for luggage/cargo compartment

Spring force 500 N

Order no.
4245 808 409



Angled bracket for gas spring

Version support pin with bolt-on plate
Material steel
Surface galvanised

Order no.
9081 412 010

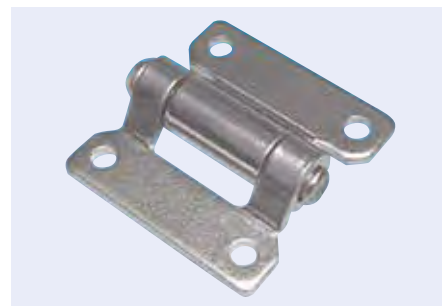


Removal van hinge

Width 59 mm
 Height 60 mm
 Material Nirosta

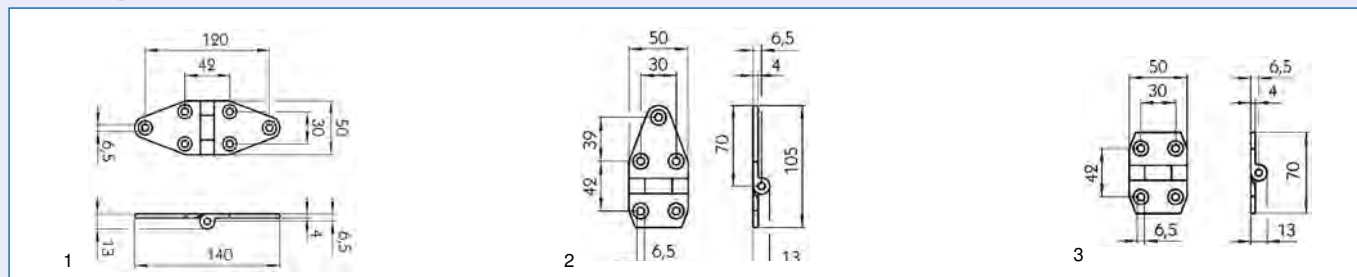
Order no.

9080 711 920



6

Body parts



Removal van hinge

maintenance-free design

Material profiled steel
 Surface galvanised

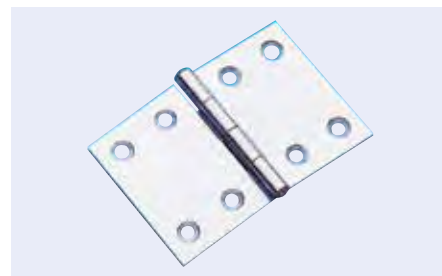
Version	Fig.	Order no.
with holes for screw attachment	1	9081 117 180
with holes for screw attachment, one side shortened	2	9081 117 200
with holes for screw attachment, both side shortened	3	9081 117 220

Hinge

Width 75 mm
 Length 50 mm
 Thickness 2 mm
 Hole \varnothing 4.5 mm
 Material steel
 Surface galvanised

Order no.

9802 105 040





Removal van hinge

both sides with 3 holes each, diameter 6,5 mm

Version with hinge pin and lubrication nipple
 Width 65 mm
 Length 70/116 mm
 Surface galvanised

Order no.

9081 117 240

6

Body parts



Removal van hinge

without holes

Surface galvanised

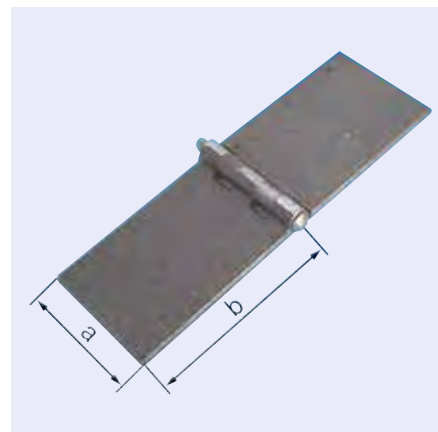
Version	Fig.	Order no.
normal	1	9081 117 190
shortened on both sides	2	9081 117 230
shortened on one side	3	9081 117 210

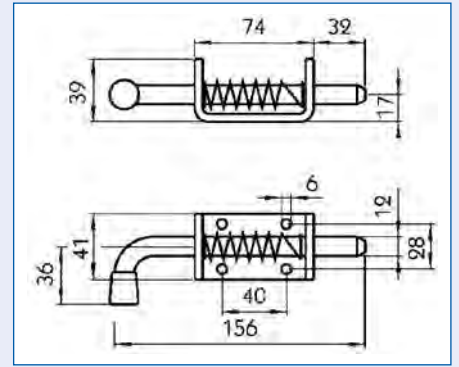
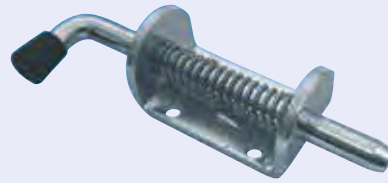
Door hinge

hinge pin riveted

Version straight
 Opening angle 260°
 Surface untreated

Thickness	a	b	Order no.
3 mm	30 mm	60 mm	9081 112 630
5 mm	40 mm	60 mm	9081 112 650
5 mm	40 mm	80 mm	9081 112 660
5 mm	50 mm	80 mm	9081 112 670
6 mm	60 mm	80 mm	9081 112 690
6 mm	60 mm	120 mm	9081 112 700
6 mm	80 mm	120 mm	9081 112 720



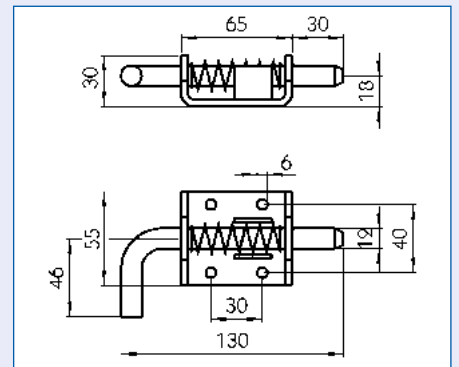


Spring locking bolt with bolt-on plate

Length 156 mm
Material Nirosa

Order no.

9080 710 640



Spring locking bolt with bolt-on plate

when open the locking bolt projects about 4 mm out of the housing

Length 130 mm
Surface galvanised

Order no.

9081 025 080

Spring locking bolt with latching

Application range
for weld attachment

Type	Bolt-Ø	Stroke	Order no.
S 814 N	8 mm	14 mm	9081 023 300
S 1010 N	10 mm	10 mm	9081 023 310
S 1014 N	10 mm	14 mm	9802 834 000
S 1214 N	12 mm	14 mm	9081 023 330
S 1514 N	15 mm	14 mm	9081 023 340



Spring locking bolt with latching

outer casing with M20 x 1,5 thread

Type SG 1014
Length 72 mm
Surface galvanised

Scope of supply
2 lock nuts DIN 936

Order no.

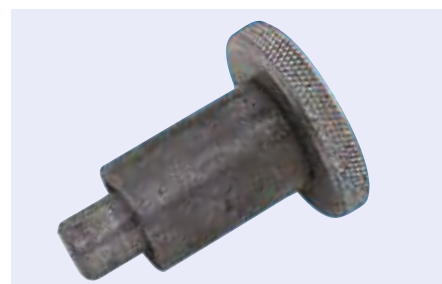
9081 027 170



Spring locking bolt without latching

Stroke 10 mm
Surface untreated

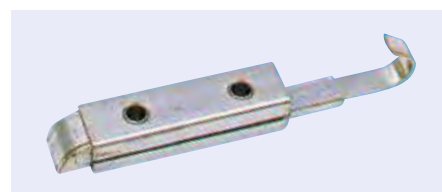
Type	Bolt-Ø	Order no.
F 810 N	8 mm	9081 023 360
F 1010 N	10 mm	9081 023 370
F 1210 N	12 mm	9081 023 380



Spring locking bolt

Surface galvanised

Type	Length	Order no.
1333	159 mm	9081 024 240
1334	174 mm	9081 024 250



Spring locking bolt with ball handle

when open, the locking bolt projects about 15 mm out of the housing

Type 740
Version for screw attachment
Installation side left/right
Surface galvanised

Order no.

9081 019 870



Door catch

Material plastic

Order no.

9080 631 800



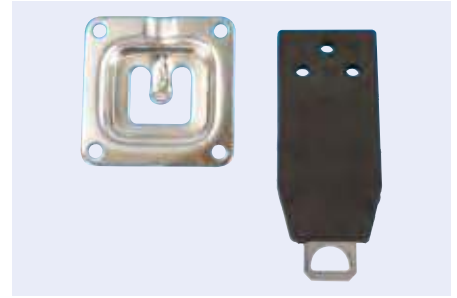
Door catch

Dimensions 103 mm
Material Nirosta

Scope of supply
complete

Order no.

9080 020 382



6

Body parts

**Door catch**

Version with protective rubber plugs
Surface galvanised

Order no.

6800 154 020

**Door catch**

Version with protective rubber plugs
Installation side left/right
Overall length 480 mm
Stroke 260 mm
Material steel
Surface galvanised

Order no.

9370 660 010

**Door catch**

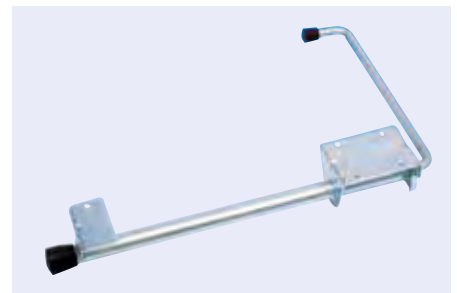
Version can be pulled out and folded, with compression spring
Surface galvanised

door stop arm 370 mm long and 320 mm extendable

Application range
especially suitable for box trucks with rear double doors and side doors

Order no.

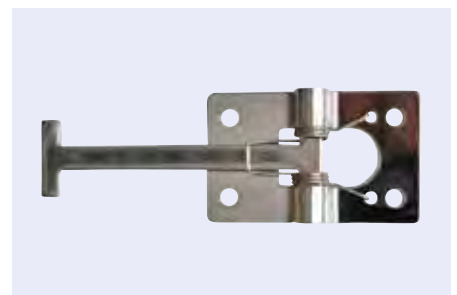
9081 315 170

**Door catch
for box trucks**

Type 335 A
Material Nirosta

Order no.

9081 315 660



Door catch bracket

Material Nirosta

Scope of supply

1 x hook section, 1 x retaining section, 2 x plastic underlays

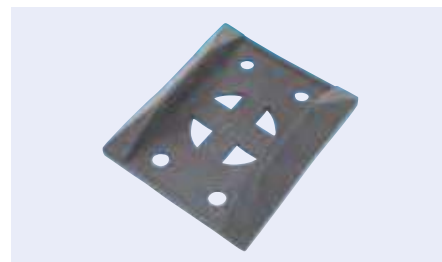
Order no.
9081 319 500



Base for door stop

Type 339 A
Length 70 mm
Width 60 mm
Material plastic

Order no.
9081 315 680



Door catch

stainless steel pressure spring in an aluminium profiled housing, rubber handle

Stroke 230 mm

Order no.
4245 806 414



Door catch

Order no. 7774 912 430 Comparative no. Schmitz 491243



Door catch

Order no. 7771 163 329 Comparative no. Schmitz 1163329



Door catch

Depth 35 mm
 ∅ 40 mm

Scope of supply
 complete, with rubber clamping body and plastic ball spigot

Order no.
9086 318 650



6

Body parts

Door catch

Depth 35 mm
 ∅ 37 mm

Scope of supply
 complete, with rubber clamping body and plastic ball spigot

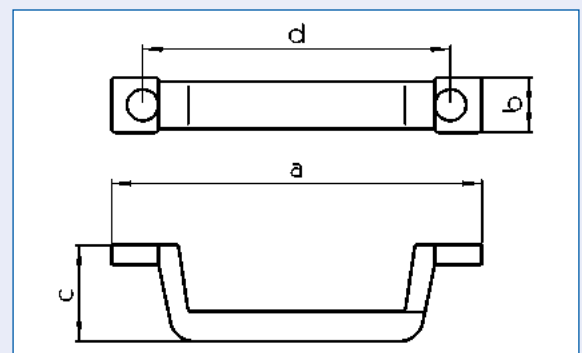
Order no.
8000 004 870



Door buffer for door stop

Material rubber

Height	∅	Order no.
25 mm	30 mm	9081 018 250
25 mm	40 mm	9081 018 270
34 mm	30 mm	9081 018 260
35 mm	40 mm	9081 018 280
50 mm	40 mm	9081 018 300



Handle universal use

made of polyurethane integral foam, with foamed-in metal core, largely insensitive towards petrol, oils, alkalis and acids

Version weather- and corrosion-proof
 Surface smooth

a	b	c	d	Order no.
190 mm	30 mm	50 mm	160 mm	9085 882 420
280 mm	30 mm	55 mm	250 mm	9086 335 010

Hood bracket universal use

Version with hookup and bracket
 Length 125 mm
 Height 35 mm
 Material rubber

Order no.

9081 013 960



Hood bracket

Version with hookup and bracket
 Length 66 mm
 Width 40 mm
 Height 25 mm
 Bore hole 4,5/5,4 mm
 Distance between holes 13 mm

Order no.

2300 008 650



Hood bracket

Length 125 mm
 Material rubber
 Colour black

Order no.

9081 018 150



Impact buffer

Version rubber aggregate vulcanised onto metal plate

Application range

especially suitable as bump stop for drop sides, ideal as ramp protection

Height	∅	Threaded bolt	Order no.
35 mm	30/38 mm	M10 x 27	9080 000 252
50 mm	30/43 mm	M10 x 25	9080 000 253



6

Body parts

Impact buffer

Length 200 mm
Width 150 mm
Height 80 mm
Fastening 4 holes
Material rubber

Application range

for example as ramp collision protection for bodies

Order no.
9086 013 900



Impact buffer

Width 125 mm

This figure corresponds to 7777 509 600

Fastening	Length	Height	Order no.
2 holes	165 mm	60 mm	7777 509 600
4 holes	180 mm	75 mm	7777 507 561



Impact buffer

Material rubber

Application range

ideal for box trucks

Fastening	Length	Width	Height	Order no.
2 holes	200 mm	52 mm	80 mm	9086 013 320
3 holes	300 mm	52 mm	80 mm	9086 014 000
3 holes	315 mm	35 mm	60 mm	9081 016 370
2 holes	360 mm	100 mm	105 mm	9083 950 303
3 holes	400 mm	52 mm	80 mm	9080 000 251
3 holes	400 mm	55 mm	100 mm	9086 013 540
3 holes	400 mm	52 mm	60 mm	9081 013 910
4 holes	530 mm	60 mm	35 mm	9086 013 700



Impact buffer

Material PUR

Application range

especially suitable as bump stop for drop sides, ideal as ramp protection

(Illustration similar)

Fastening	Length	Width	Height	Order no.
2 holes	165 mm	95 mm	80 mm	9086 013 850
2 holes	200 mm	52 mm	60 mm	9081 013 920
2 holes	250 mm	80 mm	100 mm	9086 013 370
3 holes	300 mm	65 mm	80 mm	9086 014 400
3 holes	500 mm	80 mm	100 mm	9086 013 770
5 holes	940 mm	50 mm	55 mm	9086 013 950



Impact buffer

This figure corresponds to 9081 013 552

Length	Width	Height	Order no.
165 mm	125 mm	75 mm	9081 013 552
250 mm	105 mm	134 mm	7777 509 291
373 mm	70 mm	70 mm	7777 510 251



Impact buffer

Length 250 mm
Width 80 mm
Height 95 mm
Fastening 2 holes

Order no.
9930 001 219



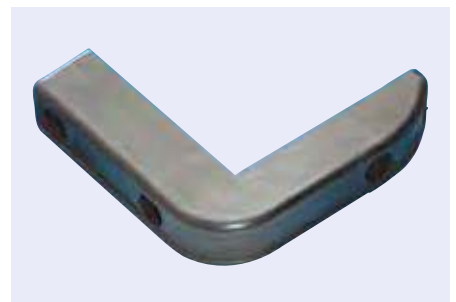
Impact buffer

Length 195/205 mm
Width 40/50 mm
Height 48 mm
Fastening 3 holes

Application range

especially suitable as bump stop for drop sides, ideal as ramp protection

Order no.
9086 013 610



Impact buffer

contact surface curved along length

Length 125 mm
Width 40 mm
Height 45 mm
Material rubber

Application range

for example for platform bodies

Order no.

9086 013 100



6

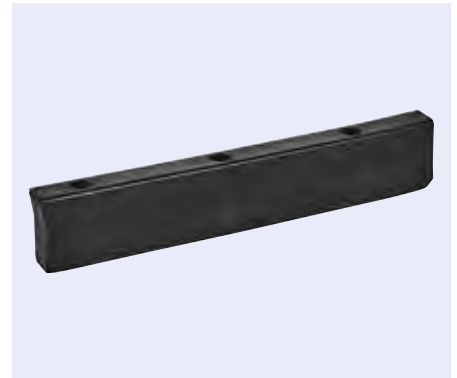
Body parts

Impact buffer for rear frame

Version with metal insert
Length 305 mm
Width 25 mm
Height 55 mm
Hardness (±5) 75° Shore
Fastening 3 holes, M8 mounting bolt
Sleeve Ø 9,5 mm
Distance between holes 105 mm
Material rubber (SBR)

Order no.

6301 016 310



Impact buffer with 1 roller

steel base, hot-galvanised

Version horizontal
Length 136 mm
Height 116 mm
Depth 68 mm
Roll Ø 100 mm
Roller length 80 mm

Order no.

9083 950 249



Accessories

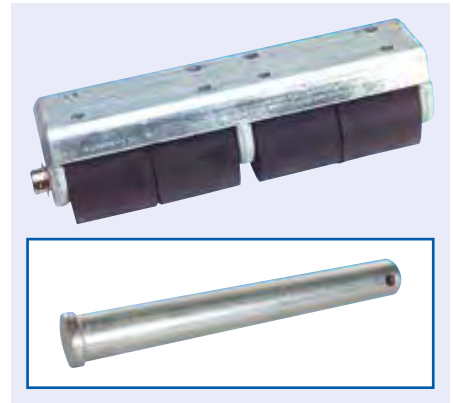
Description	Order no.
Rubber pulley	7809 100 001

Impact buffer

roller spring-supported, steel parts galvanised

Width 116 mm
 Roller length 80 mm
 Roll \varnothing 100 mm

Version	Length	Fig.	Order no.
with 2 rollers	216 mm	1	9080 502 501
with 4 rollers	395 mm	2	9080 502 511



This figure corresponds to 9080 502 503

Accessories

Description	Order no.
Impact buffer centre line, suitable for ramp bumper with 2 rollers	9080 502 503
Impact buffer centre line, suitable for ramp bumper with 4 rollers	8000 005 687
Rubber pulley	7809 100 001

Spring ramp bumper

reduces rubbing of the transport vehicle when driving up to the loading ramp, reduction in damage to the vehicle

Scope of supply

with bolts

tested for wear and compression

Length	Width	Height	Order no.
160 mm	60 mm	90 mm	9080 083 000
180 mm	80 mm	106 mm	9080 083 020
200 mm	100 mm	106 mm	9080 083 040
200 mm	100 mm	135 mm	9080 083 240



Ball ramp bumper

absorbs vertical and orthogonal forces which occur during a collision, the outer and inner balls distribute the forces evenly

Length 200 mm
 Width 110 mm
 Height 118 mm
 Material nylon

Order no.
9080 083 300



Roller ramp bumper

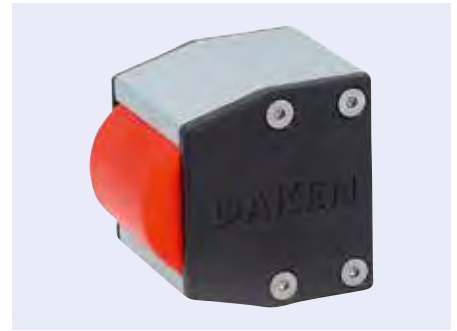
reduces rubbing of the transport vehicle when driving up to the loading ramp, reduction in damage to the vehicle

Height 90 mm

Depth 93 mm

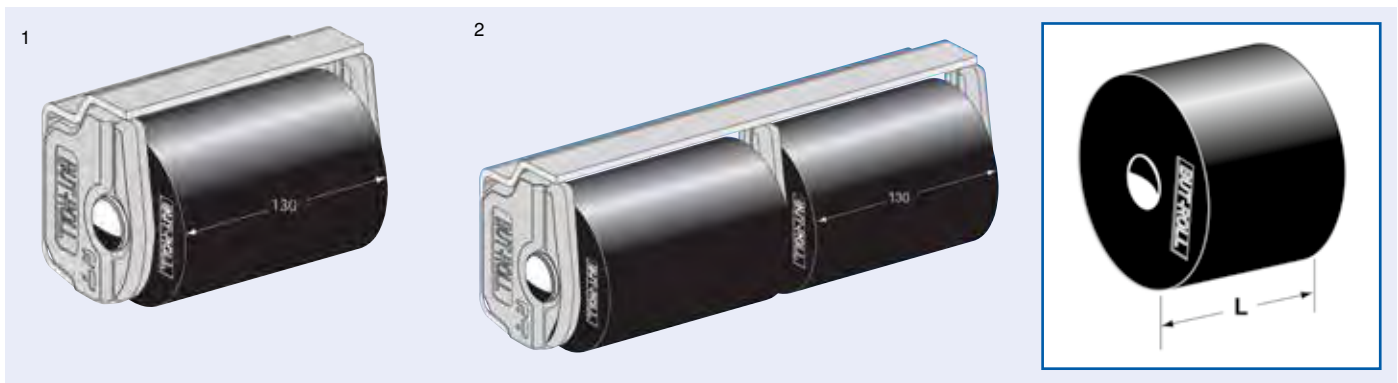
tested for wear and compression

Length	Order no.
75 mm	9080 083 160
140 mm	9080 083 170
205 mm	9080 083 180



6

Body parts



Impact buffer

Height 121,5 mm

Depth 68 mm

Roller length 130 mm

Roll \varnothing 100 mm

Fastening horizontal

Material steel base

Surface hot-galvanised

Version	Overall length	Fig.	Order no.
with 1 roller	171 mm	1	9083 950 255
with 2 rollers	320,5 mm	2	9083 950 256

Accessories

Description	Order no.
Rubber pulley	9080 950 255

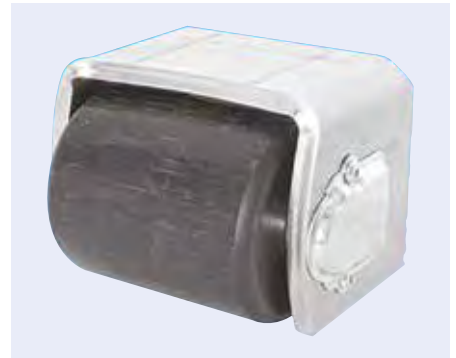
Impact buffer with 1 roller

roller spring supported

Roller length	123 mm
Overall length	135 mm
Height	92 mm
Depth	88 mm
Surface	steel parts galvanised

Order no.

9085 102 769



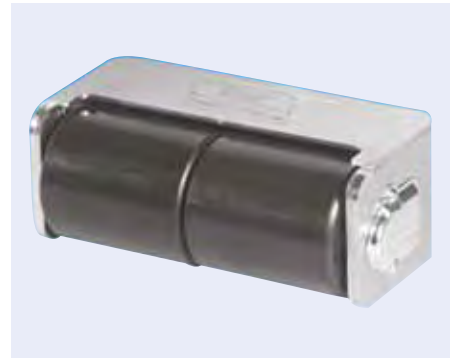
Impact buffer with 2 rollers

spring-supported roller, side-by-side in robust steel housing, M12 bolt holes, rolling compensation for movements

Roller length	222 mm
Overall length	234 mm
Height	92 mm
Depth	95 mm
Fastening	horizontal
Surface	steel parts galvanised

Order no.

9081 027 540



Impact buffer with 2 rollers

Roller length	80 mm
Overall length	234 mm
Width	121 mm
Depth	120 mm
Roll \varnothing	100 mm
Fastening	vertical

Order no.

9083 950 253



Accessories

Description	Order no.
Rubber pulley	7809 100 001

Impact buffer with 3 rollers

narrow vertical buffer, spring-supported rollers

Overall length	343,5 mm
Width	80 mm
Depth	120 mm
Roll \varnothing	100 mm
Surface	galvanized steel

Order no.

9083 950 259



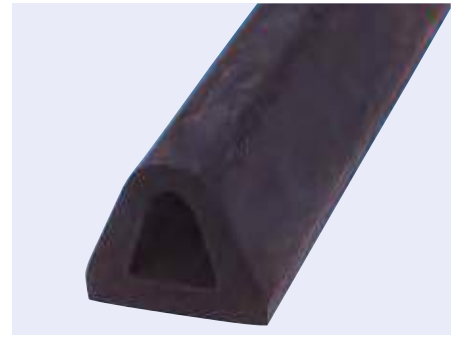
Impact buffer profile with hollow chamber in delta shape

Rod length 2600 mm
Material rubber

Application range

impact and skirting protection for vehicle bodies of all kinds

Width	Height	Order no.
60 mm	52 mm	9086 014 850
80 mm	70 mm	9086 014 900
110 mm	92 mm	9081 024 170



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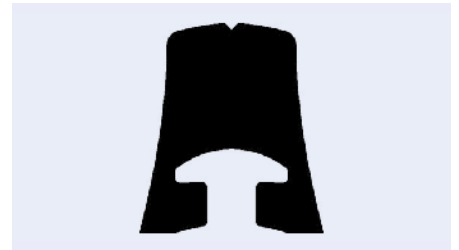
Body parts

Impact buffer profile

suitable for M8 carriage bolts with square according to DIN 603
Version with groove
Width 38/25 mm
Height 40 mm
Rod length 3000 mm

Order no.

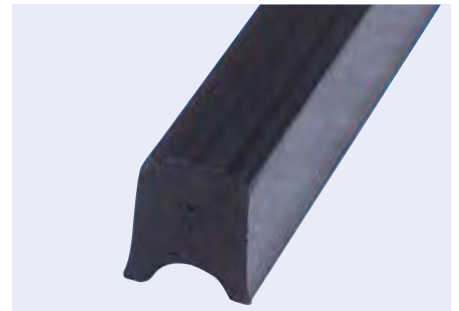
9083 351 026



Impact buffer profile

Rod length 3000 mm
Material PVC

Width	Height	Order no.
35/29 mm	37 mm	9081 019 960
35/25 mm	40 mm	9081 019 050

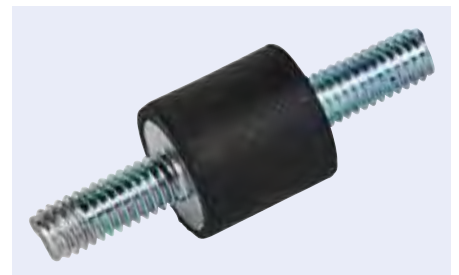


Rubber buffer

Version RA
Height 15 mm
Ø 15 mm
Outer thread M6
Thread length 15 mm
Hardness 50° Shore

Order no.

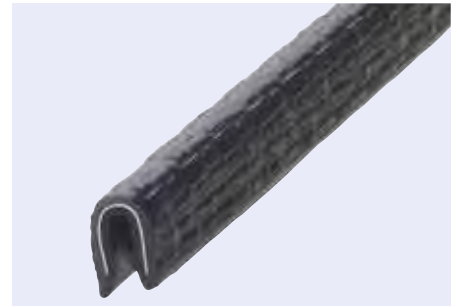
9199 971 280



Edge protection profile

Version flexible, with embedded steel framework band
 Colour black
 Material PVC

Clamping range	Order no.
1 mm	9080 109 160
1-2 mm	9804 610 028

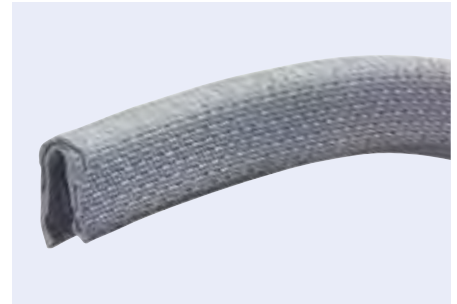


Edge protection profile

Width 10,5 mm
 Height 14 mm
 Clamping range 1-4 mm

sold by the meter

Colour	Order no.
grey	9802 109 240
black	9802 109 330



Edge protection profile for trailer doors

Version with sealing profile

sold by the meter

Order no.
9080 111 861



Edge protection profile

Version with seal
 Width 10,2 mm
 Height 20,5 mm
 Colour black

sold by the meter

Order no.
9081 117 010



PVC seal

foam rubber seal glued with edge protection profile

Width 19,4 mm
 Height 14,5 mm
 Clamping range 1-4 mm
 Colour black

sold by the meter

Order no.
9080 010 937



Dumper rope DIN 6899, galvanised

cable eye stiffener A 12 at both ends

Minimum breaking force approx. 13730 N
 Ø 13 mm

Application range
 for 26 mm pin diameter

Nominal length	Order no.
1050 mm	9081 511 660
1100 mm	9081 511 280
1200 mm	9081 511 670
1250 mm	9081 511 300
1300 mm	9081 511 680
1350 mm	9081 511 310
1400 mm	9081 511 690



Dumper rope DIN 6899, galvanised

cable eye stiffener A 15 at both ends

Minimum breaking force approx. 21960 N
 Ø 16 mm

Application range
 for 32 mm pin diameter

Nominal length	Order no.
1000 mm	9081 511 330
1100 mm	9081 511 340
1200 mm	9081 511 350
1350 mm	9081 511 360
1300 mm	9081 511 720
1400 mm	9081 511 730



Dumper rope DIN 6899, galvanised

round strand cable 6 x 37 with fibre core, with A 18 cable eye stiffener at both ends

Minimum breaking force approx. 34800 N
 Ø 20 mm
 Nominal length 1250 mm

Application range
 for 40 mm pin diameter

Order no.
9081 511 390



Rubber coating for tipping bodies

Hardness 80° Shore

Width	Length	Thickness	Order no.
60 mm	200 mm	15 mm	9081 410 710
70 mm	255 mm	15 mm	9081 410 720
90 mm	255 mm	15 mm	9081 410 740
90 mm	245 mm	21 mm	9081 410 750
105 mm	260 mm	15 mm	9081 410 760

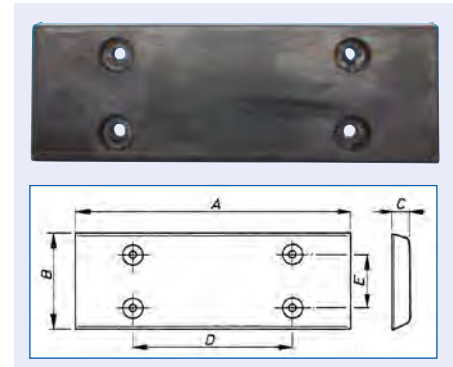
¹ 2-hole version, central



Tipper support

Version iron reinforced, for screw attachment
 Number of holes 4

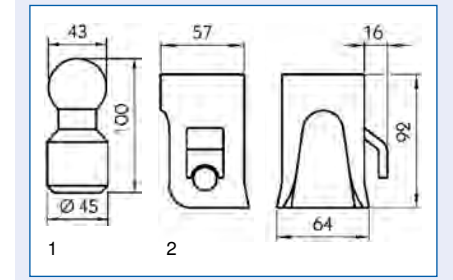
Hole \varnothing	A	B	C	D	E	Order no.
8 mm	260 mm	90 mm	10 mm	150 mm	50 mm	9082 075 710
9 mm	260 mm	90 mm	20 mm	150 mm	50 mm	9082 075 720



Rocking ball bearing Type 1001, without noise damping

Surface untreated

Description	Fig.	Order no.
Weld-on ball, with round spigot, Type 1002	1	9081 413 340
Rocking ball bearing, left	2	9081 413 350
Rocking ball bearing, right	2	9081 413 360



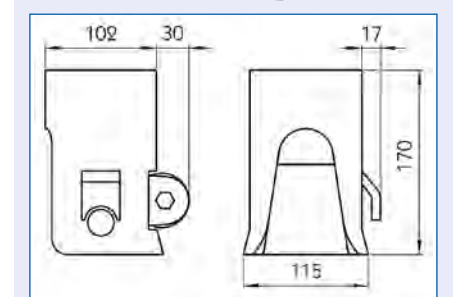
Accessories

Description	Order no.
Socket pin, 16/16 x 70 mm	9081 413 370

Rocking ball bearing Type 3001, with noise damping

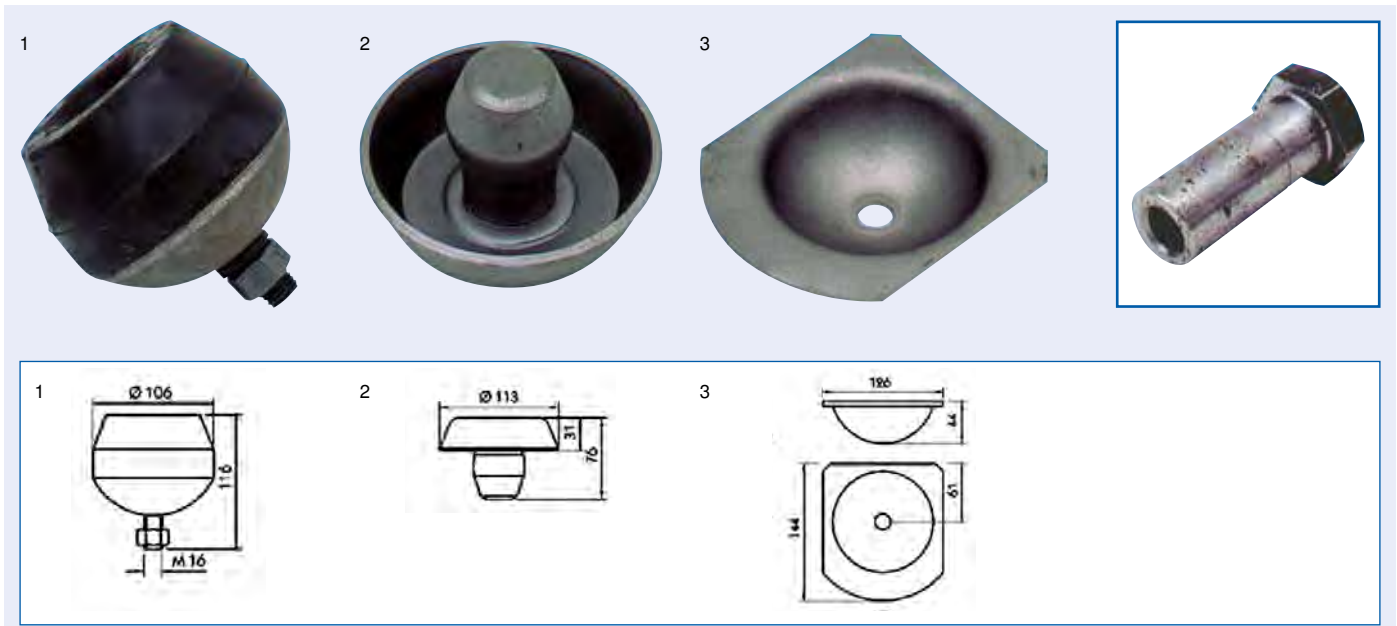
Surface untreated

Description	Bore hole \varnothing	Order no.
Weld-on ball, Type 3002		9081 412 650
Rocking ball bearing	24/24 mm	9081 412 670
Rocking ball bearing	25/22 mm	9081 412 680



Accessories

Description	Order no.
Socket pin, Type 3004, 24/24 x 120 mm	9081 412 690
Socket pin, Type 3004, 25/22 x 85/120 mm	9081 412 700
Vulkollan roller	9081 412 720
Durethan cup, with attaching bolt	9081 412 710



Polyp arresters for all tipping variants

Installation of the Polyp anti-rattle device provides flexible support to the tipping body. At the same time, it also acts as a holding-down device. 2 or 4 anti-rattle devices will be required depending on the size of the vehicle.

Surface untreated

Description	Fig.	Order no.
Rubber bearing	1	9081 410 470
Journal shell	2	9081 410 480
Bearing shell	3	9081 410 490

Accessories

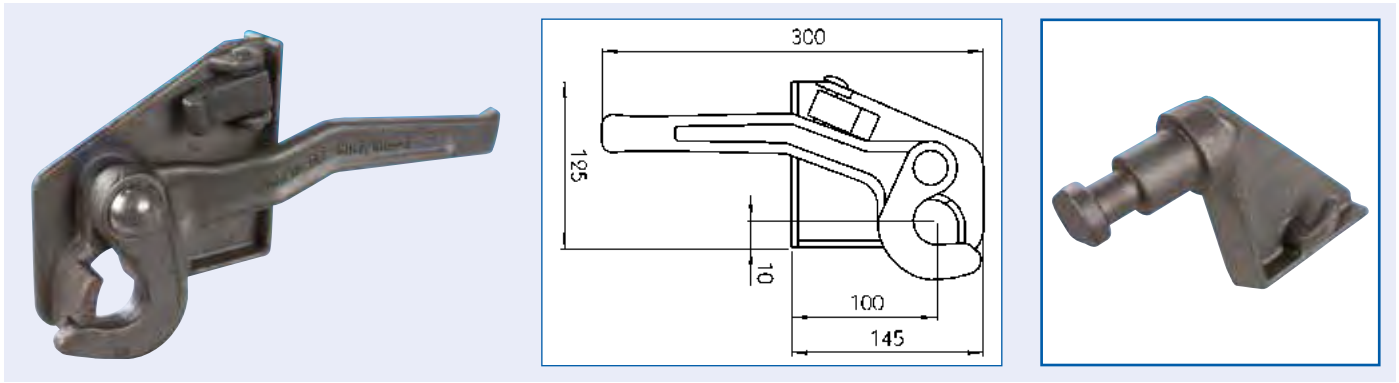
Description	Order no.
Eccentric bolt	9081 412 730

Socket pin

Dimensions 12 x 100 mm
Surface untreated

Order no.
9081 410 210





Hanging fastener side part

for aluminium and steel drop sides

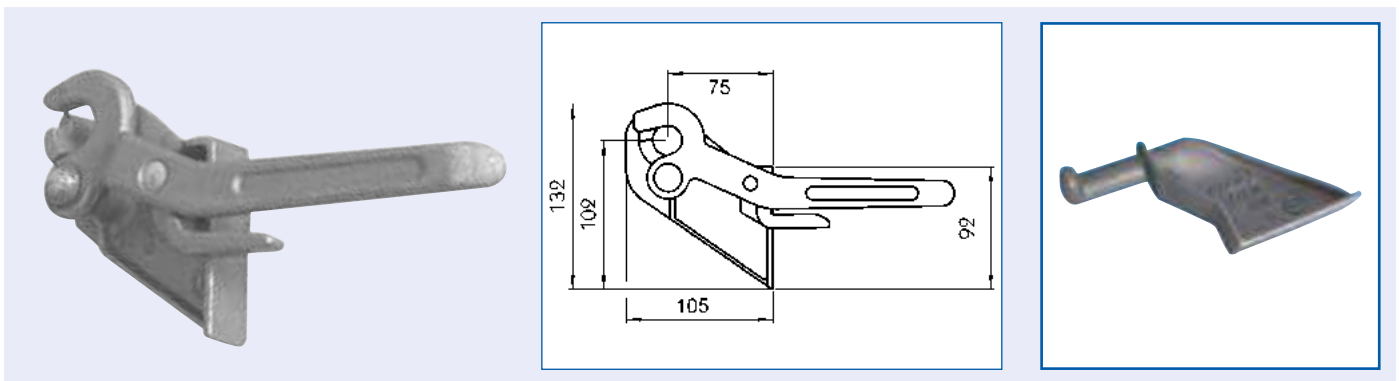
Type H 114 ST
Surface untreated

Application range
for tipping vehicles with more than 4,5 t payload

Installation side	Order no.
left	9081 013 210
right	9081 013 220

Accessories

Description	Order no.
Rocker stud, left	9081 013 230
Rocker stud, right	9081 013 240



Hanging fastener

Type H 114/4,5
Surface untreated

Installation side	Order no.
left	9081 015 400
right	9081 015 410

Accessories

Description	Order no.
Rocker stud, left	9081 015 420
Rocker stud, right	9081 015 430

Closing hook

Type H 120 A
 Ø 25 mm
 Surface untreated

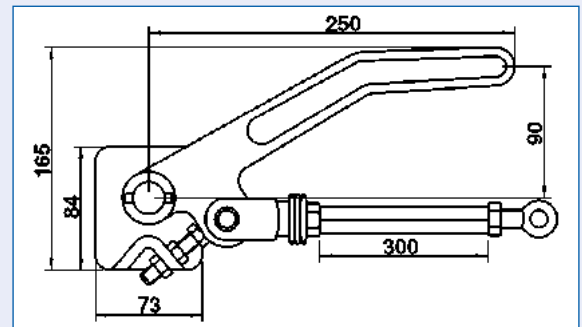
Order no.
9081 013 640



Accessories

Description
Bearing, Ø 25 mm

Order no.
9081 013 630



Over dead centre tensioner for central locking

Type H 519
 Surface untreated

Application range
 for mounting under the floor

Installation side	Order no.
left	9081 015 520
right	9081 015 530

Over dead centre tensioner for central locking

Type H 519
 Shaft dia. 35 mm
 Surface untreated

Application range
 for mounting on the body

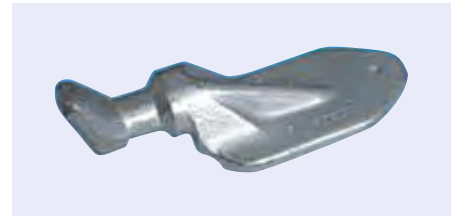
Installation side	Order no.
left	9081 024 790
right	9081 024 800



Rocker stud

Type 6641 N
Surface galvanised

Installation side	Order no.
left	9081 024 020
right	9081 024 030



Tipper fastening

with automatic swing adjustment

Type 664 N
Surface untreated

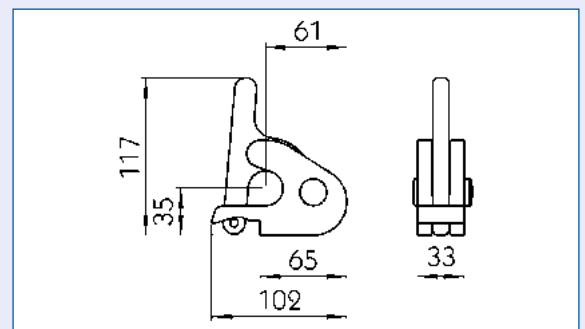
This figure corresponds to 9081 019 530

Version	Order no.
straight	9081 019 530
offset, left	9081 019 550
offset, right	9081 019 540



6

Body parts



Floating bearing

Type H 121
Installation side left/right
Surface untreated

Application range

for tipping bodies with middle and corner stanchions

Order no.

9081 013 880

Rocker stud

Type H 121
Surface untreated

Application range

for bearing shell H 120 B

Order no.
9081 013 730





**Support leg
SS 86 SKL**

Version rigid, with hole for suspension hook
 Standard DIN EN 284
 Form A1

Application range
 for swap containers up to a maximum permitted container total weight of 18000 kg, German State Railways certificate 629

Order no.

9370 701 120



**Support leg
SS 86 SKL2**

Version rigid, with 30 mm hole for suspension hook and sliding unhooking security device
 Standard DIN EN 284
 Form A2

Application range
 for swap containers up to a maximum permitted container total weight of 18000 kg, German State Railways certificate 629

Order no.

3001 002 265



Support leg SS 86 TSKL

Version telescopic, with bore for carrying hook
Standard DIN EN 284
Form A1

Application range

for swap containers up to a maximum permitted container total weight of 18000 kg, German State Railways certificate 629

Order no.

3001 002 334



Support leg SS 86 TSKL2

Version telescopic, with standard stay, hole for suspension hook and movable unhook-safety device
Standard DIN EN 284
Form A2

Application range

for swap containers up to a maximum permitted container total weight of 18000 kg, German State Railways certificate 629

Order no.

3001 002 360



Support leg SS 86 TSK013

Version telescopic, with standard strut
 Form A1
 A 10080 mm
 B x C 7 x 50 mm
 D 775 mm
 E 485 mm

Application range
 for semi-trailers up to a maximum permitted container total weight of 18000 kg



6

Body parts

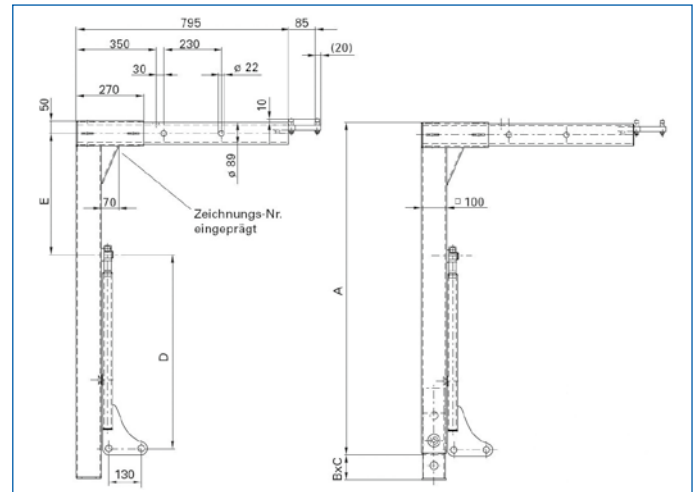
Order no.	9374 008 100
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Support leg SS 86 TSK2049

Version telescopic, with standard strut
 Standard similar to DIN EN 284
 Form A2
 A 1080 mm
 B x C 7 x 50 mm
 D 775 mm
 E 485 mm

Application range
 for volume containers up to a maximum permitted container total weight of 18000 kg



Order no.	9370 005 225
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Supporting leg strut for swap body system

This figure corresponds to 9370 600 115

suitable for	Scope of supply	Order no.
SS 86 TSKBL/TSKXBL	complete, with brake	9370 701 711
SS 86 SKL/TSKL/TSKXL	complete, with button	9370 600 115



JOST**Supporting bearing**

with left/right identification in the type information

suitable for RS 7090, SS 86, RS 1025
Version with spring catch at 75 mm

Type	Installation side	Order no.
TS 93 SNL	left	9370 000 815
TS 93 SNR	right	3001 002 423

**Support leg fastener**

Type	A	B	L	Order no.
FS 97	16 mm	42 mm	133 mm	9373 216 000
FS 97	18 mm	42 mm	133 mm	9370 500 018
FS 97	20 mm	42 mm	133 mm	9373 220 000
FS 97	20 mm	42 mm	298 mm	3001 002 611
FS 97	20 mm	42 mm	463 mm	3001 003 633
FS 97	25 mm	42 mm	133 mm	9370 500 025
FS 97	30 mm	42 mm	133 mm	9373 230 000
FS 97	30 mm	42 mm	133 mm	9085 110 650
FS 98	32 mm	50 mm	133 mm	9373 332 000
FS 98	35 mm	50 mm	133 mm	9085 110 930

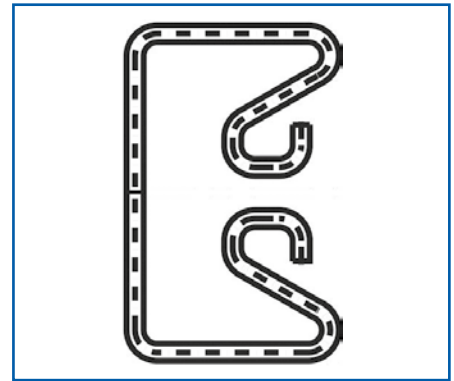
Service parts

Description	suitable for	Order no.
Spring twist lock	9373 220 000	9373 220 020
Spring twist lock	9370 500 018	9370 501 018
Spring twist lock	3001 003 633	9370 297 001
Spring twist lock	9370 500 025	3001 002 580
Handle, galvanised		9373 001 008
Spring, galvanised		9370 501 000
Collet		9370 501 002



Spring catch

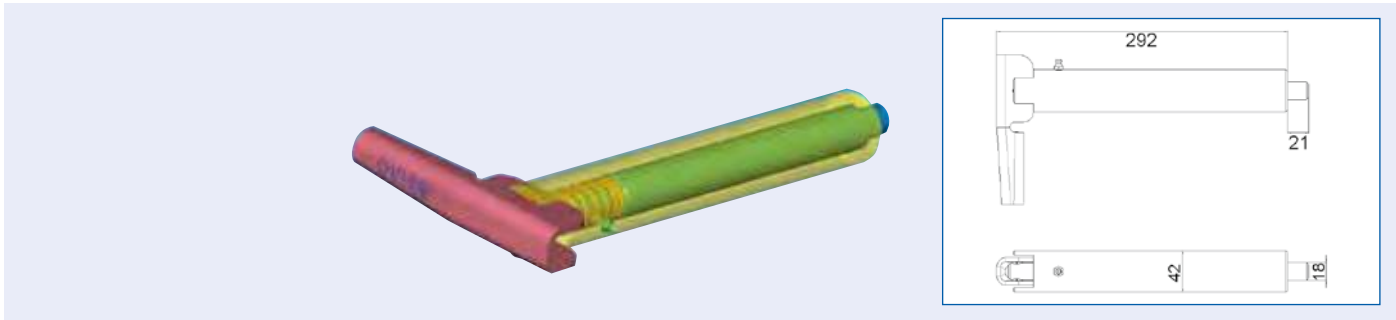
suitable for SS 86 TSKXL/TSKXBL type A1, SS 86 TSKXL2/TSKXBL2 type A2



Order no.
9370 738 514

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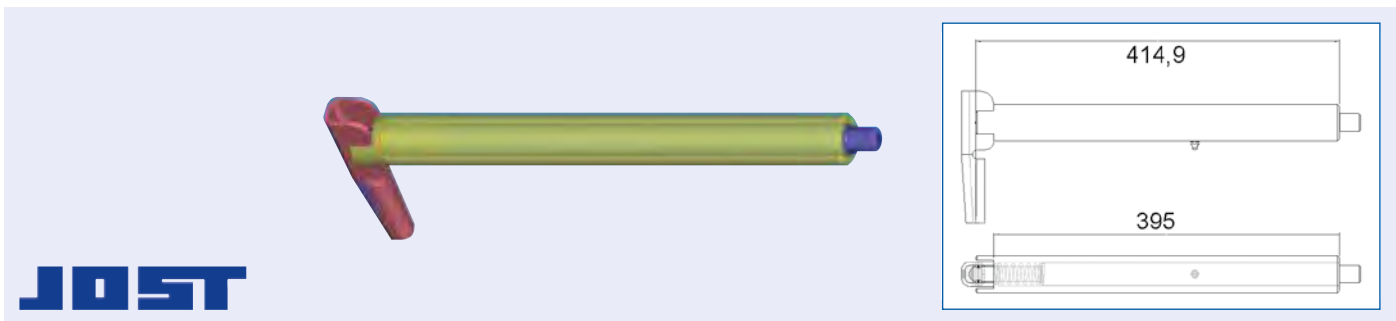
Body parts



Support leg fastener

Length 255 mm
Bolt-Ø 18 mm

Order no.
9377 518 180



Support leg fastener

Length 395 mm
Bolt-Ø 20 mm

Order no.
9377 275 043



Suspension hook/Support bearing

Used to accept support legs in the rest position. With a carrying hook, a hole of $d = 30$ mm is required for it in the support leg.

Application range

for welding onto the swap body frame

This figure corresponds to 9370 350 000

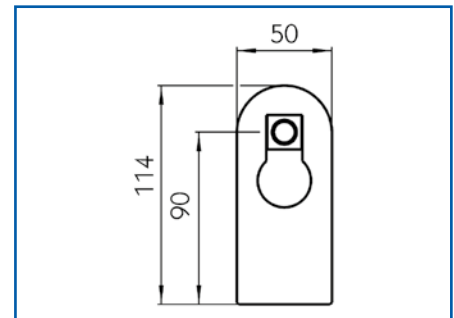
Description	Type	Version	∅	Order no.
Suspension hook			26 mm	9370 350 000
Support bearing	SL 555	foldable		9370 350 120
Support bearing	SL 550	foldable		3001 002 386

JOST

Secondary security for support legs in the rest position

This figure corresponds to 9373 035 000

Type	Version	Order no.
ZS 86 SF	for welding in	9373 035 000
ZS 7008	with guide, with threaded connection	3001 002 435



Drop guard for support leg

Material steel
Surface galvanised

This figure corresponds to 9370 580 000



Scope of supply	Length	Width	Order no.
complete with sleeve, washer, bolt and nut	100 mm	30/35 mm	9370 580 000
complete, with plate			9370 590 000

JOST

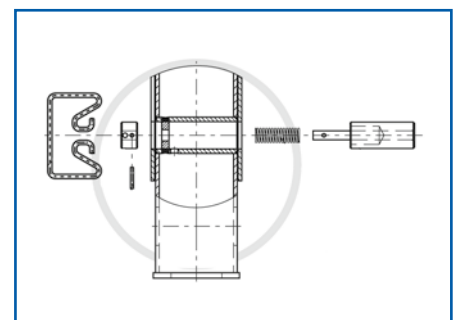
Spare parts set for X-support

suitable for SS 86TSKX, pattern A1 and A2

Scope of supply

1 x spring holder, 1 x support bolt head, 1 x support bolt complete, 1 x compression spring, 11 x spring pins

Order no.
9370 000 043



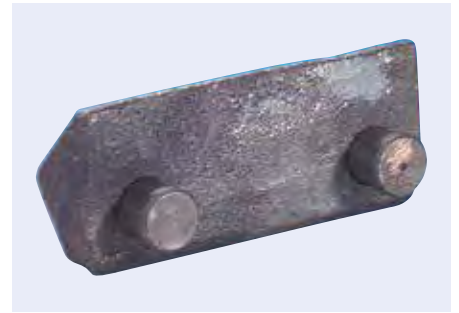


Counterbearing for support leg stay

used as adapter for the support leg stay

Material steel

Type	Order no.
GS 102	3001 002 375
GS 103	3001 002 376



6

Body parts



Strut bolt

suitable for RS 7080 SK/SKB/TSK/TSKB, RS 7090 SK/SKB/TSK/TSKB, RS 7100 SVS/SVB/TSVS/TSVB

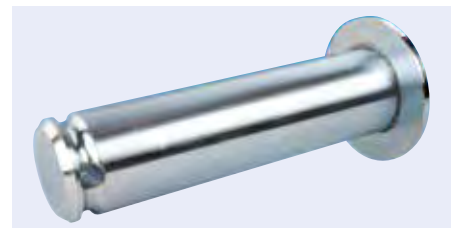
Order no.
9373 104 002



Socket pin

suitable for SS 86 TSKL/TSKBL type A1, SS 86 TSKL2/TSKBL2 type A2

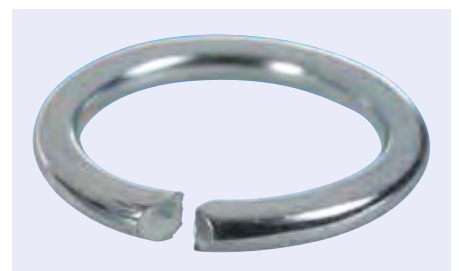
Order no.
9373 027 002



Circlip for struts

suitable for all types SS 86, RS 7080, RS 7090, RS 7100
Surface zinc plated

Order no.
9373 003 008



JOST**Attachment plate
for swap systems**

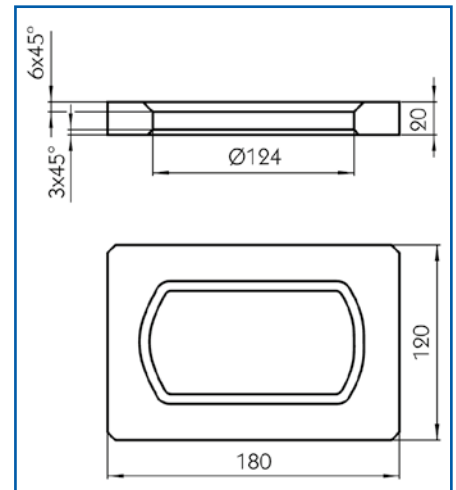
Type CC 320
 Standard EN 284
 Width 180 mm
 Height 20 mm
 Depth 120 mm
 Weight 2,2 kg
 Material cast steel

Application range

special constructions of swap bodies and containers

Order no.

3001 002 454



6

Body parts

JOST**Information board****Secure supporting legs by 2 locks, according to EN 284**

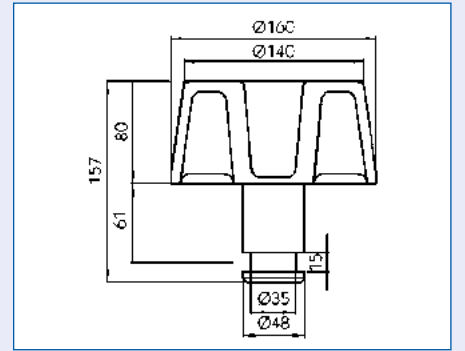
Standard EN 284 regulates the application of information signs at the places provided for them on class C swap bodies.

Version self-adhesive film, two-colour (yellow/black) on white background

Order no.

3001 002 488



JOST

6

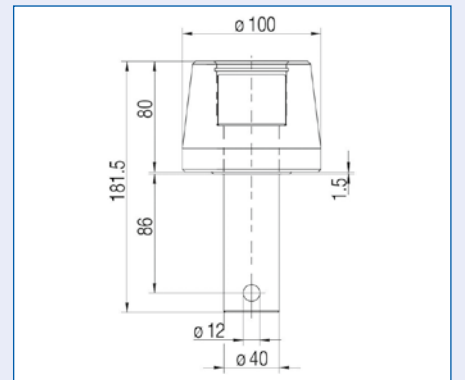
Guide roller suitable for swap body system

Type ER 160 GOR
Version without guide edge
Material steel

Order no.

9370 380 000

Body parts

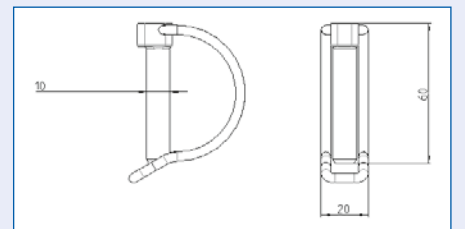
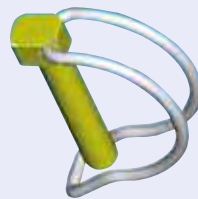
JOST

Guide roller

Type ER100-80S
Version no guide roller
Material steel

Order no.

3001 012 073



Locking pin

Dimensions
10.5 x 70 mm
12 x 55 mm

Order no.

9370 005 233

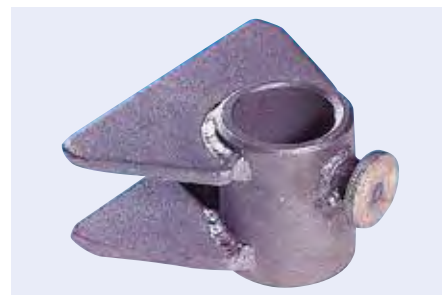
9370 008 008



**Guide roller bearing
for swap body system**

Type LER 160
Version with snap pin
Shank \varnothing 48 mm

Order no.
9370 382 002



**Guide roller bearing
for swap body system**

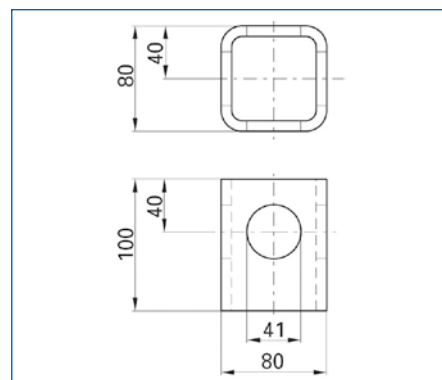
Type LER 161 G
Version with locking bolt
Shank \varnothing 48 mm

Order no.
9370 381 000

Guide roller bearing

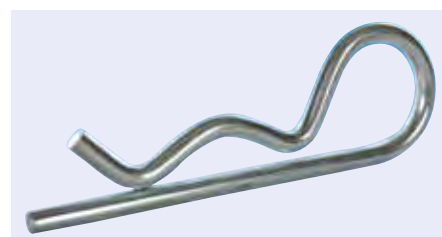
Type LER 100
Shank \varnothing 40 mm

Order no.
9370 002 055



Locking pin

Order no.
9373 027 003





6

Body parts

Anti-theft protection for swap bodies

Blocks the acceptance point of the swap body. Hooked into the corner adapter and locked by pushing in the cylinder. The TSR-W45 can be opened again using a key and then removed. Prevents a chassis from being driven under the swap body. Sturdy, weatherproof steel lock, with 2 safety reflectors/reflective strips, free mounting (variable installation), integrated, patented ABLOY® lock cylinder, protected against drilling out, ANTI-DRILL (replaceable), very high security class. Keyed alike and master key locking possible for an additional charge.

Type	TSR-W45
Version	drilling-out protected
Length	450 mm
Width	115 mm
Height	70 mm
Surface	powder-coated

Scope of supply

with 3 ABLOY® PROTEC keys and keycard

Order no.

9080 004 979



Steel locking bar for door bars

Laid around the door turning rods, slid together and locked using the shackle lock. Sturdy, weatherproof steel lock, free mounting (variable installation), protected against drilling out, ANTI-DRILL, very high security class. Keyed alike and master key locking possible for an additional charge.

Type	TSR basis
suitable for	Distance between door rods 200-450 mm
Length	470 mm
Width	100 mm
Height	100 mm

Scope of supply

complete, with MUL-T-Lock shackle lock 13 mm, 3 keys and 1 key card (standard: EN 12320 level 4)

suitable for TAPA TSR certification

Order no.

9080 005 000

Service parts

Description

Shackle lock, TSR-MTL, Ø 13 mm

Order no.

9080 004 977



Locking for door poles

The forked claws are passed around the door rod fasteners (door clamps) and locked with the shackle lock. In this way, the lock cannot be slid upwards or downwards. Sturdy, weatherproof steel lock incl. protection against sawing open, free mounting (variable installation), protected against drilling out, ANTI-DRILL, very high security class. Keyed alike and master key locking possible for an additional charge. Possible to add a monitoring module with the GPS-Safe accessory item.

Type	Omega
suitable for	Distance between door rods 225-435 mm
Width	105 mm
Height	100 mm
Length	455 mm

Scope of supply

with Mul-T-Lock shackle lock 13 mm, 3 keys and 1 key card (standard: EN 12320 level 4)

certified: VdS M114341 (Germany), only approved with MUL-T-Lock shackle lock 13 mm (engraved C13), suitable for TAPA TSR certification

Order no.

7800 011 000

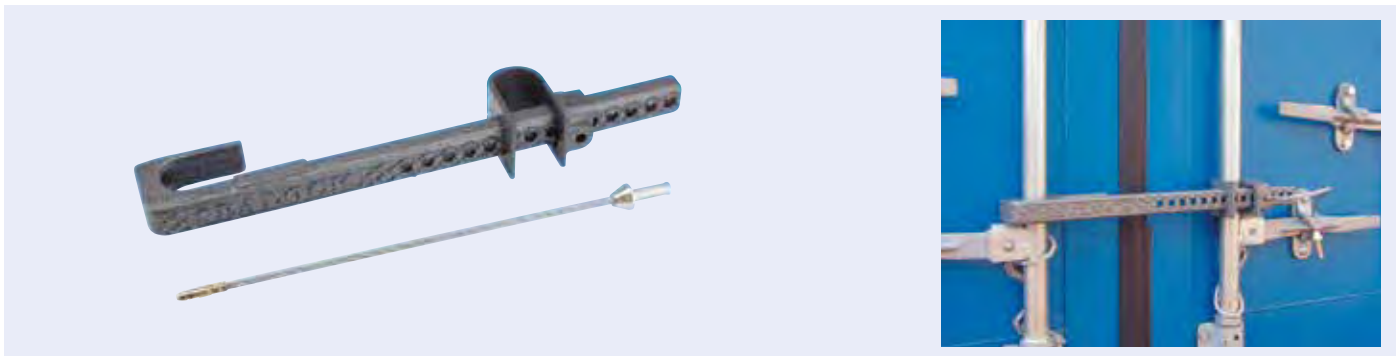
Service parts

Description

Shackle lock, TSR-MTL, Ø 13 mm

Order no.

9080 004 977



Anti-theft protection for door poles

Locks the door rods and blocks one handle. The steel cable and the bracket must be destroyed to open, free mounting (variable installation), identical numerical identification on all 3 parts, locks and seals, very high security class

suitable for	Distance between door rods 265-470mm
Version	Single use
Standard	ISO/PAS 17712:2010
Length	510 mm
Width	69 mm
Height	52 mm
Thickness	3,8 mm

Scope of supply

3 door rod brackets, closing piece and steel cable with lead seal

suitable for TAPA TSR certification

Order no.

9080 004 983



6

Body parts

Fastener body for doors

After fixed mounting, the two doors are connected from the inside and are locked by the lock housing. Separate bracket for the fastener body ("park position"), built-in, patented ABLOY® lock cylinder, protected against drilling out, ANTI-DRILL, very high security class. Keyed alike and master key locking possible for an additional charge.

Type	TSR-2fiXX
Version	screw attachment
Length	185 mm
Width	125 mm
Height	40 mm
Material	stainless steel

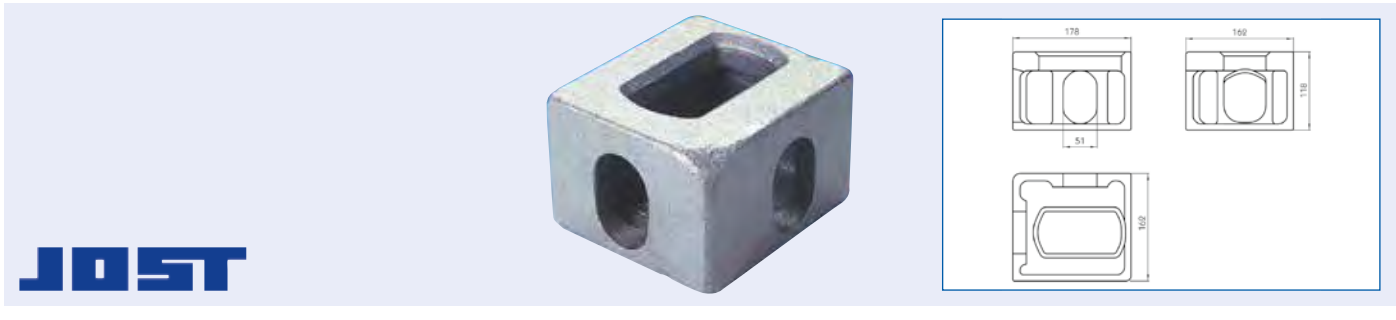
Scope of supply

with 3 ABLOY® PROTEC keys, 1 keycard and fitting accessories

certified according to VdS M 106339 (Germany), SBSC Nr. 10-377 (Sweden), only approved with ABLOY® lock cylinder CL684N, suitable for TAPA TSR certification

Order no.

9080 004 997



Attachment for swap systems

Standard ISO 1161
Material cast steel

This figure corresponds to 9371 297 000

Type	Installation location	Installation side	Order no.
CC 297 TL	top	left	9371 297 000
CC 298 TR	top	right	9371 298 000
CC 299 BL	bottom	left	9371 299 000
CC 300 BR	bottom	right	9371 300 000

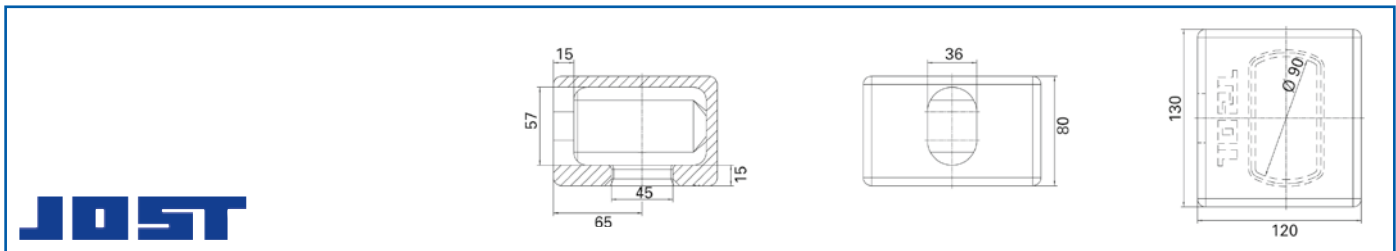


Attachment CC 195, for swap container body systems

Standard EN 284
Height 112 mm
Material cast steel

Application range
for swap containers with a vehicle width of 2500 mm

Order no.
9370 205 008

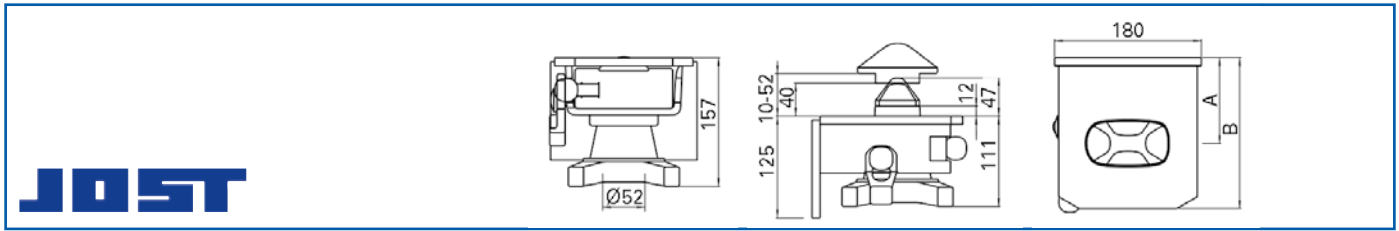


Attachment CC 012, for swap systems

Material cast steel

Application range
for special constructions with a maximum vehicle width of 2390 mm
floor opening does not correspond to ISO, distance between floor plate and cable eye opening 17 mm

Order no.
3001 002 460



Container locking catch

R 404 VAKV

(ISO) can be clamped and lowered, sheet steel housing with retaining ring, dimensions in position ready to accept

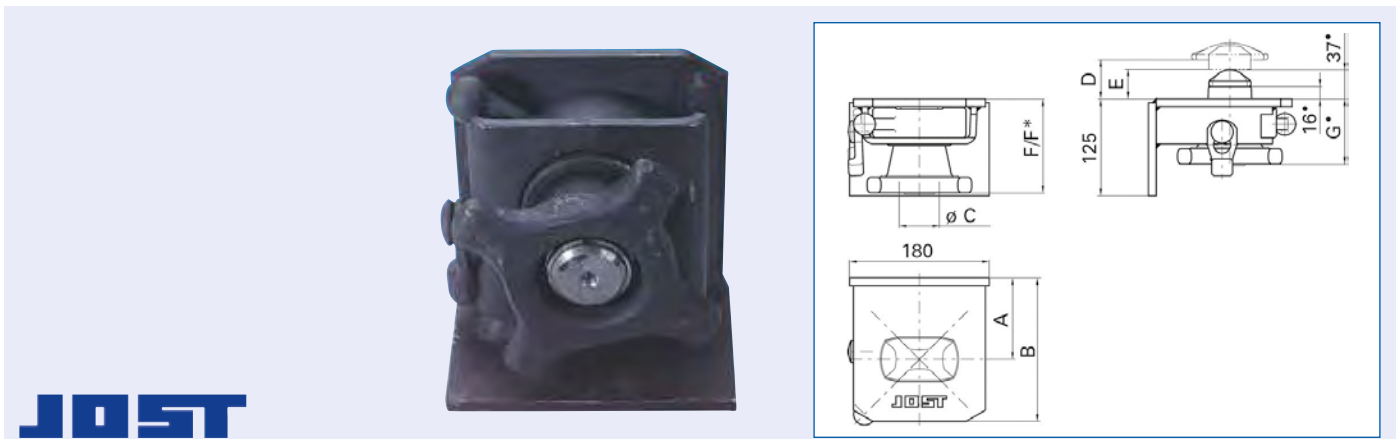
Version with backplate, delivery condition: not assembled
 Depth gauge 105 mm
 Peg-Ø 52 mm
 Surface housing primed, inner part galvanised

Application range

for swap vehicles/trailers, recommended container total weight max. 25400 kg

Order no.

9371 113 000



Container locking catch

R 405 VAK

(ISO) can be clamped and lowered, sheet steel housing with retaining ring, dimensions in position ready to accept

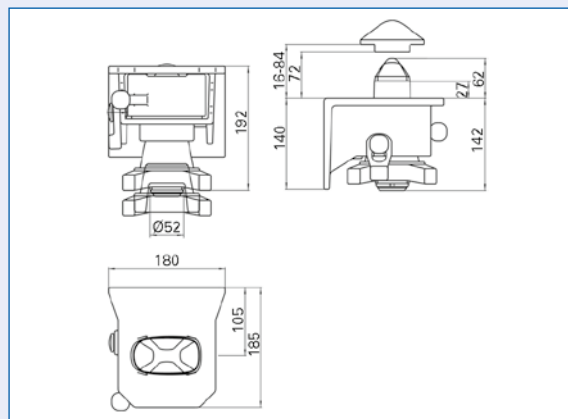
Version with backplate, delivery condition: assembled
 Depth gauge 105 mm
 Peg-Ø 52 mm
 Surface housing primed, inner part galvanised

Application range

for swap vehicles/trailers, recommended container total weight max. 25400 kg

Order no.

9370 099 162



Container locking catch

VA 01 SK

(ISO) clamp and lowerable, cast housing with retaining ring

Application range

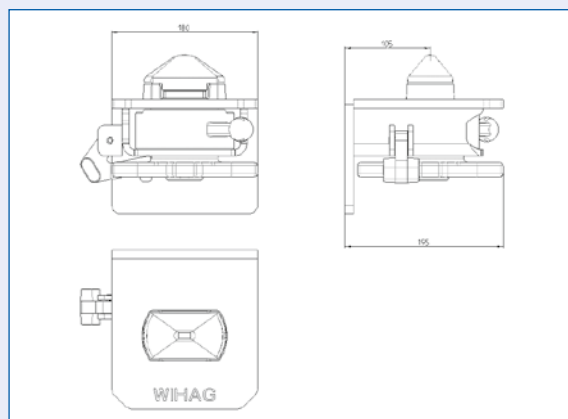
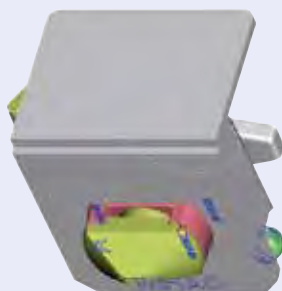
for container chassis, recommended container total weight max. 34000 kg

Order no.

9370 099 102

6

Body parts



Container locking catch

115

can be fully lowered, housing made of steel, welded, with forged clamping bolts 52 mm

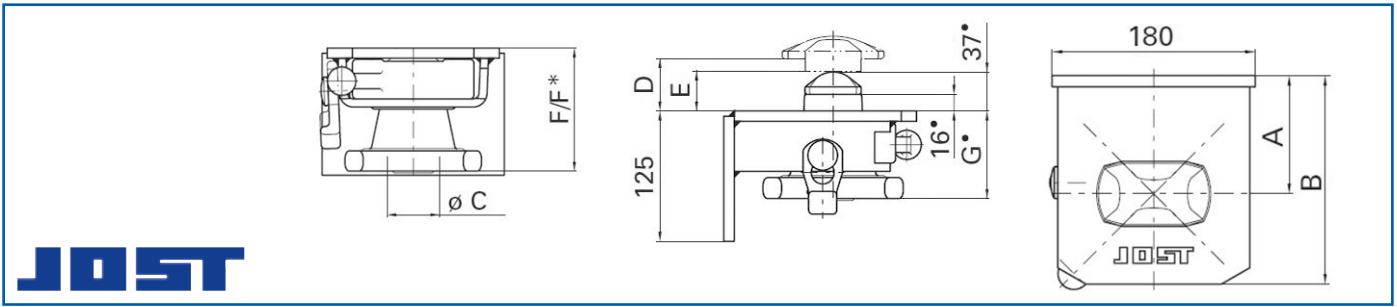
Version with back plate

Application range

for container chassis and swap vehicles

Order no.

9370 099 115



Container locking catch

R 406 VAKV

(ISO) can be clamped and lowered, sheet steel housing with retaining ring, dimensions in position ready to accept

Version with backplate, delivery condition: not assembled
 Depth gauge 105 mm
 Peg- \varnothing 38 mm
 Surface housing primed, inner part galvanised

Application range

for swap vehicles/trailers, recommended container total weight max. 25400 kg

Order no.

9371 317 000



Container locking catch

FD 02 SK-RV

(ISO) clamp and not lowerable, cast housing with retaining ring

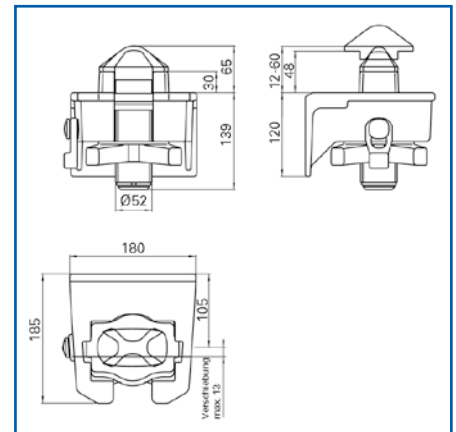
Version with backplate, delivery condition: not assembled
 Depth gauge 105 mm
 Peg- \varnothing 52 mm
 Surface housing unfinished, inner part galvanised

Application range

for container chassis, recommended container total weight max. 34000 kg

Order no.

3001 001 807



Container locking catch

F 02 SK-R

(ISO) clamp and not lowerable, cast housing with retaining ring

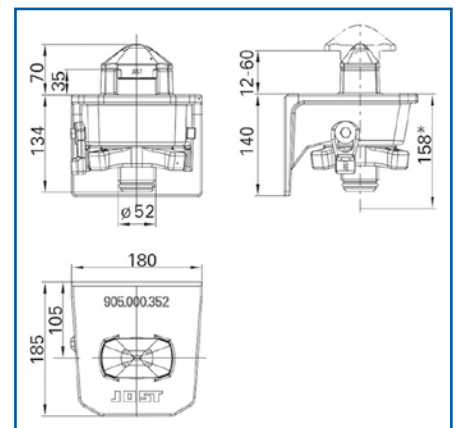
Version with backplate, delivery condition: assembled
 Depth gauge 105 mm
 Peg- \varnothing 52 mm
 Surface housing primed, inner part galvanised

Application range

for container chassis, recommended container total weight max. 34000 kg

Order no.

3001 001 788





Container locking catch

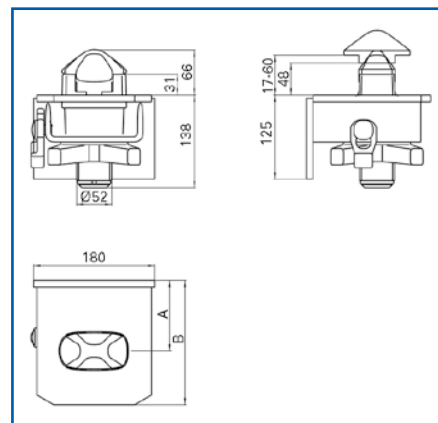
R 402 F-R

(ISO) can be tensioned, non-retractable, sheet steel housing with locking ring

Version with backplate, delivery condition: assembled
 Depth gauge 105 mm
 Peg-Ø 52 mm
 Surface housing primed, inner part galvanised

Application range

for container chassis, recommended container total weight max. 34000 kg



Order no.

3001 001 838

6

Body parts



Container locking catch

(ISO) can be tensioned and lowered, sheet steel housing with locking ring, dimensions in receptive position

Application range

for container chassis in middle position, swap vehicles/trailers, recommended container total weight max. 25400 kg

Type	Version	Depth gauge	Order no.
R 316 VA	without backplate, delivery condition: assembled	72 mm	9371 198 000
R 416 VAK	with backplate, delivery condition: assembled	80 mm	9370 099 118



Container locking catch

F 10 SK-RV

(not ISO) clamp and not lowerable, cast housing with retaining ring

Application range

for swap vehicles, recommended container total weight max. 10000 kg

Can only be used with mounting fitting CW 7012 because the dimensions of the pivot pin do not conform to the ISO dimensions.

Order no.

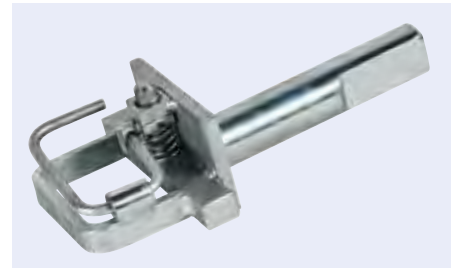
3001 001 790



JOST**Locking bolt**

suitable for FB 89-02 V, FB 89-06 VAV
Surface galvanised

Order no.

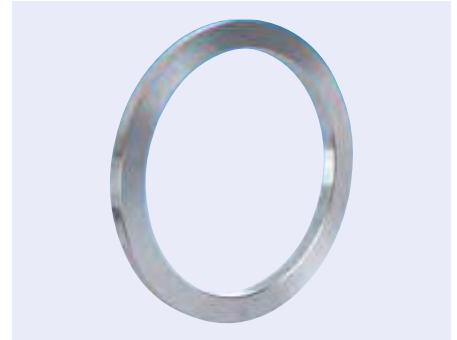
9370 625 300

6

JOST**Spacer ring
for container locking**

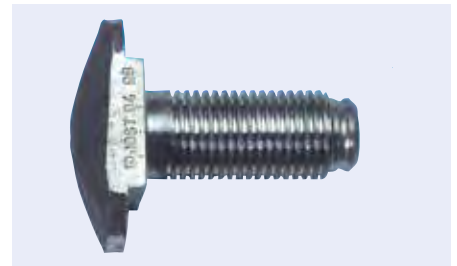
suitable for R 401 VAK, R 301 VA, R 405 VAN, R 305 VAN, VA 01 SK
Surface galvanised

Order no.

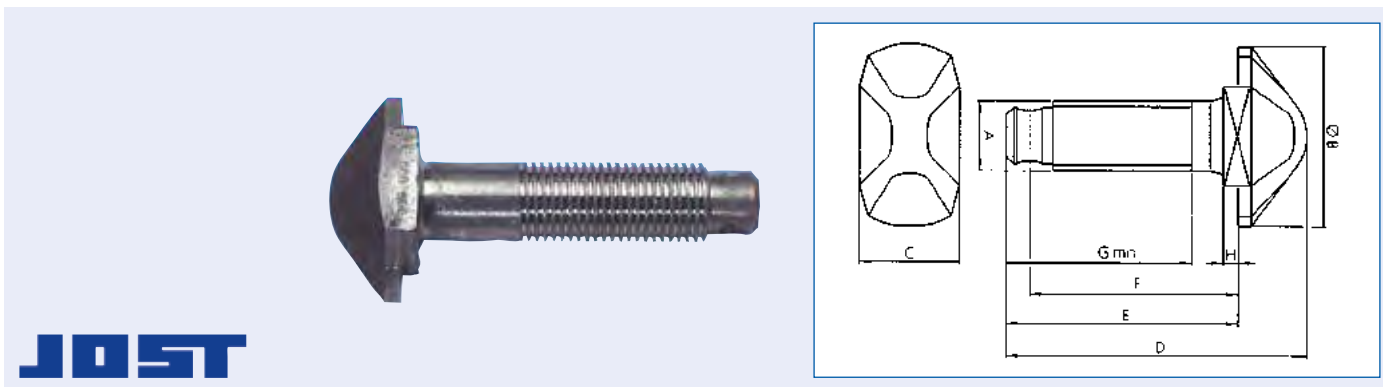
9371 000 188**JOST****Pivot
for container locking**

with thread limiting using ring

Head length 98 mm
Head width 54 mm
Surface galvanised



suitable for	Overall length	Shank length	Thread	Thread length	Order no.
F14 SK-R	185 mm	156 mm	TR38 x 4	85 mm	9371 000 250
F 17 SKA-70 V	125 mm	90 mm	TR38 x 4	74 mm	9371 000 193
FD 02 SK-RV, F 02 SK-R, R 402 F-R, R 302 F-R, R 401 VAK, R 301 VA, VA 01 SK, SR 502 FQ, SR 501 VAQ	204 mm	169 mm	TR52 x 5	111 mm	9371 000 213
R 404 VAK	153 mm	118 mm	TR52 x 5	90 mm	9371 000 189
R 405 VAK, R 305 VA/VAP, QT 200 V/RV, QT 160-80 V/RV	123 mm	102 mm	TR52 x 5	79 mm	9371 000 276
R 406 VAK, R 306 VA, R 407 VAK, QT 160-6, QT 166-80 V/RV	121 mm	100 mm	TR38 x 4	77 mm	9370 162 101
R 414 F, R 314 F, R 434 F, R 334 F, R 316 VA/VAP, R 416 VAK, R 336 VA, R 436 VAK, R 1018, FB 88-14 V, QT HV 200, SR 514 FQ, SR 516 VAQ, VA 36 SK, VA 16 SNK	155 mm	120 mm	TR38 x 4	90 mm	9371 000 137



JOST

**Pivot
for container locking**

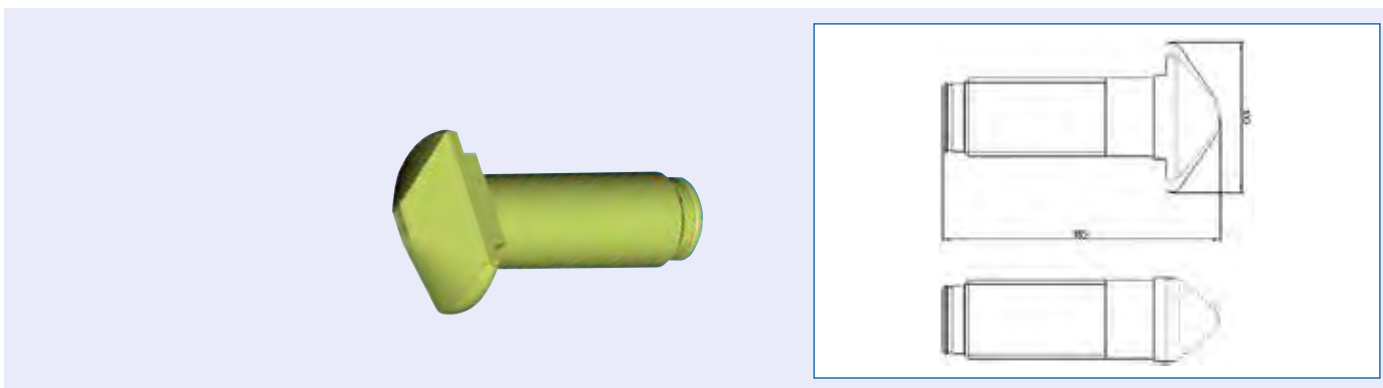
with thread limiting using knob

Surface galvanised

suitable for	A	B	C	D	E	F	G	H	Order no.
F14 SK-KN	TR38 x 4 mm	98 mm	54 mm	205 mm	170 mm	158 mm	100 mm	8 mm	9371 000 138
F02 SK-KN, FD 02 SK-KN	TR52 x 5 mm	98 mm	54 mm	225 mm	190 mm	173 mm	167 mm	12 mm	9371 000 051

6

Body parts



**Clamping bolt
for container locking**

suitable for type 101/102/300
 Thread TR52 x 5
 Overall length 185 mm
 Shank length 149 mm
 Material forged steel

Order no.
9370 102 101



**Chuck
for container locking**

Surface galvanised

suitable for	A	B	C	E	Order no.
F 14 SK, F 10 SK-RV	TR38 x 4 mm	84 mm	140 mm	25 mm	9371 000 077
F 17 SKA-70 V, R 411 VAK, R 407 VAK, VA 11 SK	TR38 x 4 mm	84 mm	130 mm	65 mm	9371 000 208
FD 02 SK-RV, F 02 SK-R, R 402 F-R, R 302 F-R	TR52 x 5 mm	100 mm	170 mm	29 mm	9371 000 088
R 312 VA-RC, R 313 F - RC	TR52 x 5 mm	84 mm	140 mm	82 mm	3001 000 323
R 405 VAK, R 305 VA/VAP, QT 200 V/RV, QT 160-80 V/RV	TR52 x 5 mm	100 mm	170 mm	65 mm	3001 003 849
R 406 VAK, R 306 VA, FB 89 -06 VAV, QT 160-6, QT 166-80 V/RV	TR38 x 4 mm	100 mm	170 mm	65 mm	3001 002 064
R 414 F, R 314 F, R 434 F, R 334 F, R 316 VA/VAP, R 416 VAK, R 336 VA, R 436 VAK, R 1018, FB 88-14 V, QT HV 200, VA 36 SK	TR38 x 4 mm	84 mm	140 mm	82 mm	9371 000 127
VA 01 SK, R 401 VAK, R 301 VA	TR52 x 5 mm	100 mm	170 mm	75 mm	9371 000 072



**Chuck
for container locking**

Thread TR38 x 4
 Surface galvanised
 A TR38 x 4 mm
 B 82 mm
 C 134 mm
 E 56 mm

Order no.

9370 162 105



**Guide socket
for container locking, Type 162**

Surface galvanised
 A 96 mm
 B 48 mm
 C 28 mm
 D 40 mm
 E 67 mm
 F 96 mm
 G 54 mm

Order no.

9370 162 110

6

Body parts

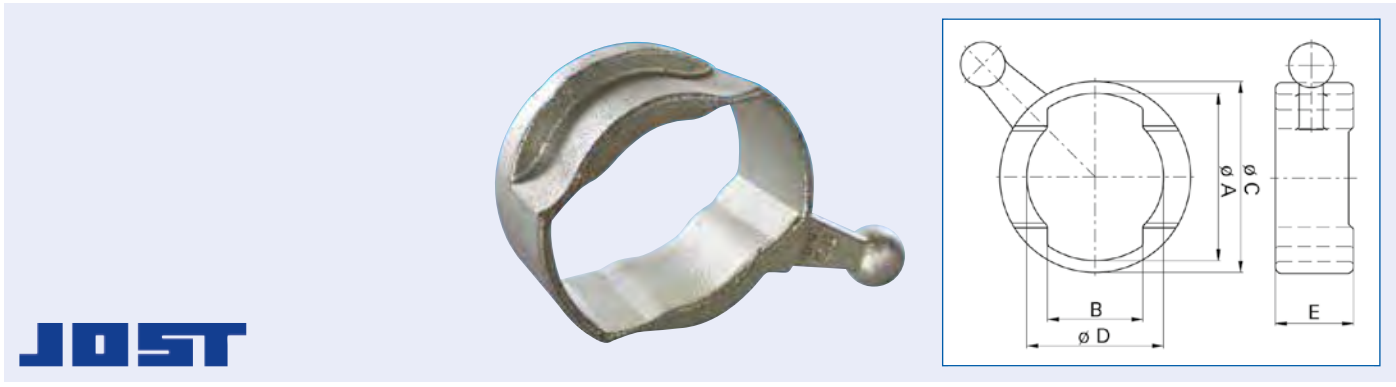


JOST

**Guide socket
for container locking**

Surface galvanised

suitable for	A	B	C	D	E	F	G	Order no.
FD 02 SK-RV								9371 000 217
R 312 VA	100 mm	65 mm	39 mm	57 mm	76 mm	57 mm	53 mm	9370 000 322
R 404 VAK	100 mm	57 mm	28 mm	49 mm	84 mm	57 mm	53 mm	9371 000 109
R 405 VAK/VAN, R 305 VA/VAN/VAP, QT 200 V/RV, QT 160-80 V/RV	100 mm	57 mm	29 mm	39 mm	84 mm	57 mm	53 mm	3001 002 134
R 406 VAK, R 306 VA, R 407 VAK, QT 160-6, QT 166-80 V/RV	100 mm	57 mm	29 mm	39 mm	84 mm	57 mm	40 mm	3001 002 059
R 414 VAK, R 416 VAK, R 316 VA/VAP, R 436 VAK, R 336 VA, R 1018, QT HV 200, SR 516 VAQ, VA 16 SNK, VA 36 SK	98 mm	56 mm	42 mm	60 mm	67 mm	57 mm	40 mm	9371 000 178
VA 01 SK, R 401 VAK, R 301 VA, SR 501 VAQ	100 mm	57 mm	42 mm	83 mm	84 mm	57 mm	53 mm	9371 000 161



JOST

Grooved bush for container locking

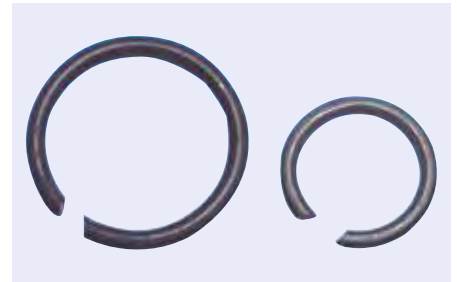
suitable for	A	B	C	D	E	Order no.
R 305 VA/VAP, R 306 VA, R 405 VAK, R 406 VAK, R 407 VAK, FB 89-06 VAV, QT 200 V/RV, QT 166-80 V/RV, QT 160-80 V/RV, QT 160-6	105 mm	60 mm	120 mm	86 mm	39 mm	9371 000 274
R 404 VAK	105 mm	60 mm	120 mm	86 mm	49 mm	9371 000 108
R 411 VAK, VA 11 SK	81 mm	43 mm	98 mm	71 mm	39 mm	9371 000 126
R 414 VAK, R 416 VAK, R 316 VA/VAP, R 436 VAK, R 336 VA, R 1018, QT HV 200, SR 516 VAQ, VA 16 SNK, VA 36 SK	100 mm	58 mm	112 mm	69 mm	58 mm	9371 000 177
VA 01 SK, R 401 VAK, R 301 VA, SR 501 VAQ	105 mm	60 mm	120 mm	86 mm	65 mm	9371 000 160



Circlip for swap body system

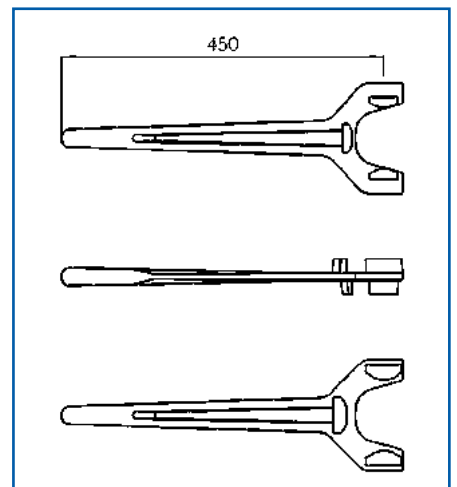
Surface galvanised

Pivot-∅	Inner ∅	Order no.
38 mm	26 mm	9371 000 190
52 mm	41 mm	9371 000 187

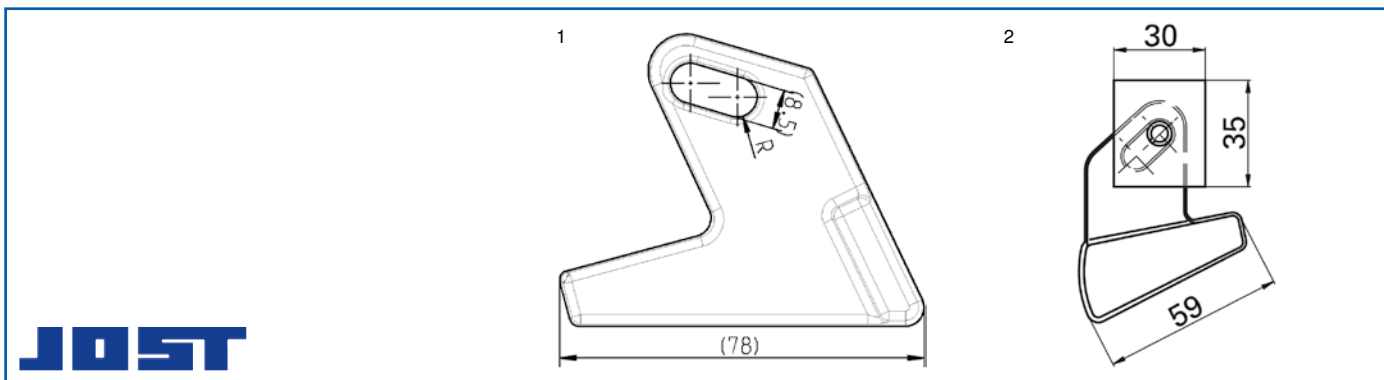


Operating key for container locking/taper nut

Type universal
Length 450 mm



Order no.
9371 259 000



Drop guard for container locking

secure the clamping nuts on locking devices and crossmembers against unintentional release

Version	Fig.	Order no.
long front latch	1	9371 396 000
short front latch	2	3001 002 110



Drop guard for container locking

secure the clamping nuts on locking devices and crossmembers against unintentional release

suitable for all locking devices except F 10 SK, R 411 VAK, R 316 VAP and R 305 VAP

Scope of supply
complete

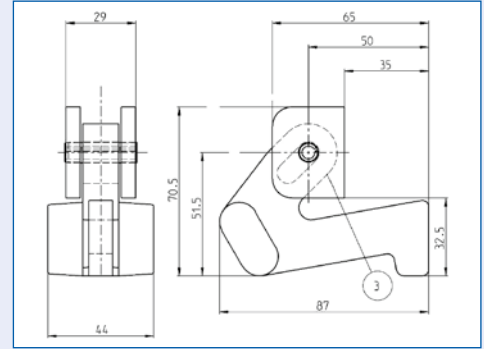
Version	Order no.
can be welded	3001 023 387
screw attachment	3001 024 308

Service parts

This figure corresponds to 9371 159 002

Description	Order no.
Latch, galvanised	9371 159 001
Twist lock for FB 55	9371 159 002





Drop guard for cross-beams

Type 170
Version long, weld-on piece steel
Material cast GGG

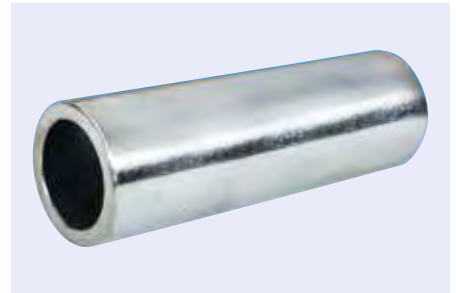
Order no.

9370 104 170



Knob for container locking

suitable for F 02 SK-KN, FD 02 SK-KN, R 402 F-KN, R 302 F-KN
Length 110 mm
∅ 19 mm



Order no.

3001 002 005

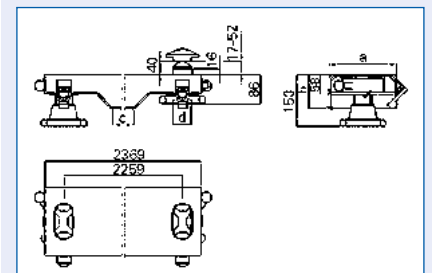
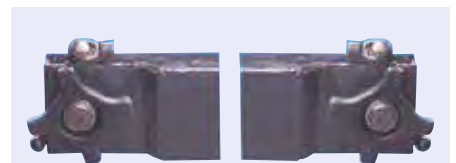


Cross member QT 200 V

Version closed, both sides flattened and lowerable locking
Length 2369 mm
Distance between holes 2259 mm
a 200 mm
b 100 mm
c 1970 mm
d 52 mm

Application range

for swap vehicles and container chassis, recommended container total weight max. 25000 kg



Order no.

3001 001 900



Cross member QT 160-80 RV

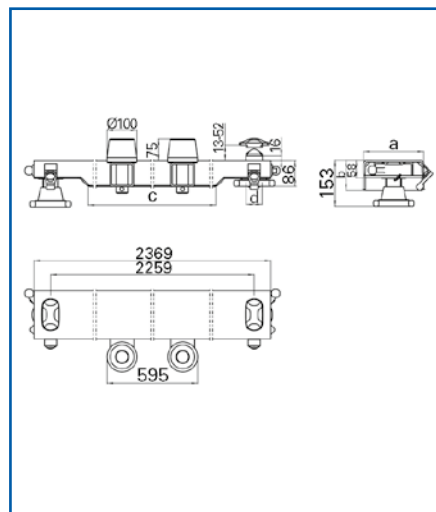
with welded-on guide roller

Version	closed, both sides flattened and lowerable locking
Length	2369 mm
Distance between holes	2259 mm
Surface	primed
a	160 mm
b	80 mm
c	2000 mm
d	52 mm

Application range

for swap vehicles, recommended container total weight max. 18000 kg

Order no.
3001 160 001



6
Body parts



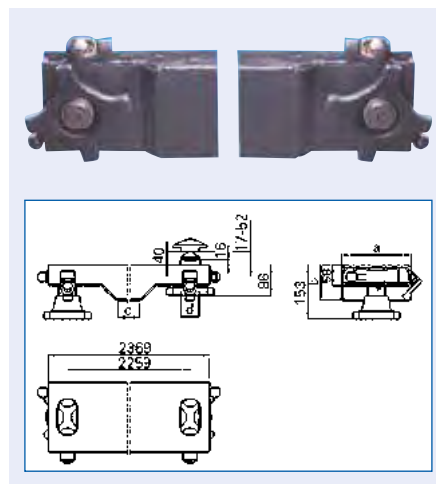
Cross member QT 160-80 V

Version	closed, both sides flattened and lowerable locking
Length	2369 mm
Distance between holes	2259 mm
Surface	primed beam
a	160 mm
b	80 mm
c	2000 mm
d	52 mm

Application range

for swap vehicles and container chassis, recommended container total weight max. 18000 kg

Order no.
3001 001 895



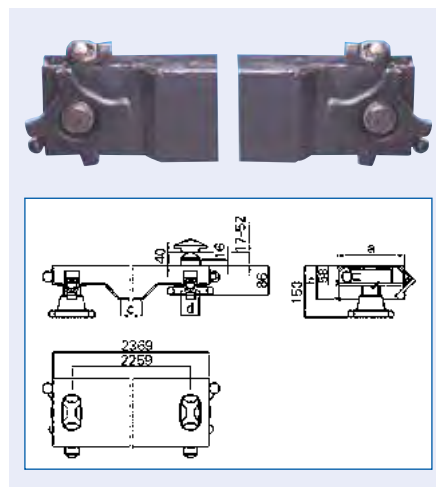
Cross member QT 160-80 VX

Version	closed, both sides flattened and lowerable locking
Length	2369 mm
Distance between holes	2259 mm
Surface	unfinished beam
a	160 mm
b	80 mm
c	2000 mm
d	52 mm

Application range

for swap vehicles and container chassis, recommended container total weight max. 18000 kg

Order no.
3001 016 080





Starter Motor

Voltage	12 V
Power	2,2 kW
Pinion teeth	9
Fastening	115°
Dwell angle	105°
Version	clockwise direction of rotation
Connection	G

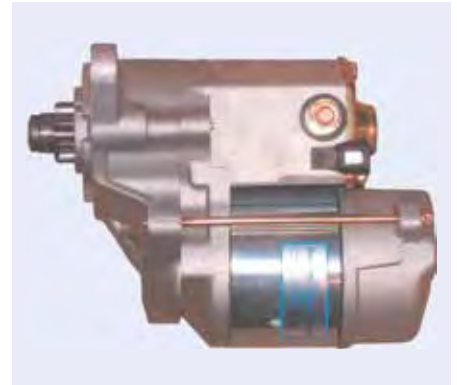
suitable for	Order no.	Comparative no.
Carrier Transicold Extra, Genesis TR, Phoenix Ultra, Ultima 53, Ultra XTC	5240 513 591	Prestolite 20513591



Starter Motor

Voltage	12 V
Power	1,4 kW
Pinion teeth	9
Fastening	117°
Dwell angle	110°
Version	clockwise direction of rotation
Connection	G

suitable for	Order no.	Comparative no.
Carrier Transicold Maxima, Optima	5240 513 059	Prestolite 20513059



Starter Motor

Voltage	12 V
Power	1,4 kW
Pinion teeth	11
Fastening	140°
Dwell angle	120°
Version	clockwise direction of rotation
Connection	G

suitable for	Order no.	Comparative no.
Thermo King LND II 50, TD-II, KD-II, KD-II MAX, MD-II, MD-II TCI, RD-II, RD-II MAX/SR/TCI/TCI-Z	5240 513 587	Prestolite 20513587



Starter Motor

Voltage	12 V
Power	2 kW
Pinion teeth	9
Fastening	30°
Dwell angle	118°
Version	clockwise direction of rotation
Connection	G

suitable for	Order no.	Comparative no.
Thermo King SB-190, SB-I, SB-II/MAX/SR, SB-III/MAX/SR, Sentry, SMX/II, SMX SR, Super II/Max/SR/TC, Super NWD, TD-I, TD-II	5240 513 052	Prestolite 20513052





Starter Motor

Voltage	12 V
Power	2 kW
Pinion teeth	9
Dwell angle	120°
Version	clockwise direction of rotation
Connection	G

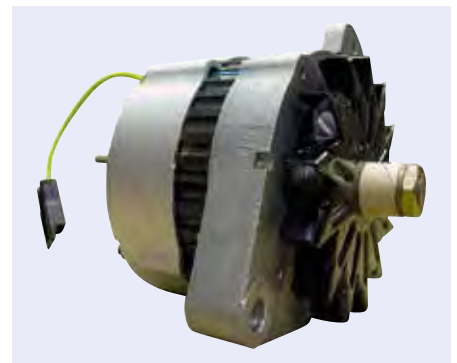
suitable for	Order no.	Comparative no.
Thermo King SB-200/210/300/310, SB-II SR, SB-III SR, SL100/100e/200/200e/300/400/400SR2/400e, Spectrum SB/SL, Super II TC	3853 005 224	Prestolite 20513057



Alternator

Voltage	12 V
Charging current	37 A
Version	without pulley, clockwise direction of rotation
Specification	8AR
Housing-Ø	127 mm

suitable for	Order no.	Comparative no.
Carrier Transicold	5240 082 169	Prestolite 8AR2169F



Alternator

Voltage	12 V
Charging current	65 A
Version	without pulley, clockwise direction of rotation
Specification	8MR
Housing-Ø	127 mm

suitable for	Order no.	Comparative no.
Carrier Transicold	5240 082 326	Prestolite 8MR2326L



Alternator

Voltage	12 V
Charging current	65 A
Version	without pulley, clockwise direction of rotation
Specification	8MR
Housing-Ø	127 mm

suitable for	Order no.	Comparative no.
Carrier Transicold	5240 082 327	Prestolite 8MR2327L

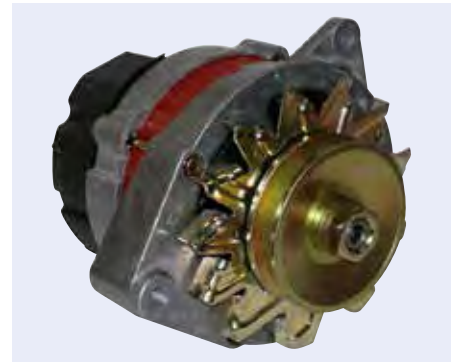




Alternator

Voltage 12 V
 Charging current 70 A
 Version with pulley, clockwise direction of rotation
 Specification Extern fläkt

suitable for	Order no.	Comparative no.
Carrier Transicold	5240 140 112	Prestolite 20140112



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Body parts



Alternator

Voltage 12 V
 Charging current 70 A
 Version without pulley, clockwise direction of rotation
 Specification Extern fläkt
 Housing-Ø 129 mm

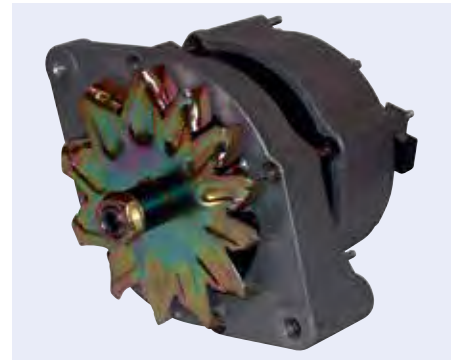
suitable for	Order no.	Comparative no.
Thermo King LND 50, SB, SB-II, SB-III, SDZ, Sentry, SL, SMX, Super II Series	5240 021 606	Prestolite 66021606



Alternator

Voltage 12 V
 Charging current 120 A
 Version without pulley, clockwise direction of rotation
 Specification Extern fläkt

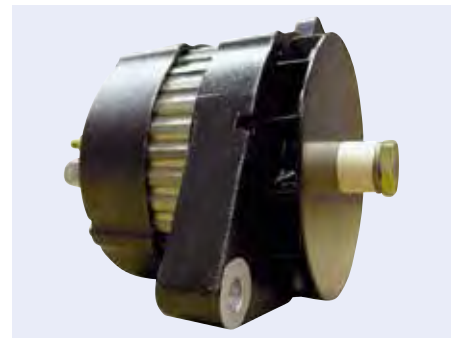
suitable for	Order no.	Comparative no.
Thermo King SB-III SR, Super II TC	5240 140 111	Prestolite 20140111



Alternator

Voltage 12 V
 Charging current 90 A
 Version without pulley
 Specification 8MR
 Housing-Ø 127 mm

suitable for	Order no.	Comparative no.
Thermo King URD, URD-III MAX, UTS	5240 082 349	Prestolite 8MR2349





Alternator

Voltage	12 V
Charging current	65 A
Version	without pulley, clockwise direction of rotation
Specification	8MR
Housing-Ø	127 mm

suitable for	Order no.	Comparative no.
Thermo King	5240 082 185	Prestolite 8MR2185L



Alternator

Voltage	12 V
Charging current	37 A
Version	without pulley, clockwise direction of rotation
Specification	8MR
Housing-Ø	127 mm

suitable for	Order no.	Comparative no.
Thermo King	5240 217 500	Prestolite 8MR2175F



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Body parts



Original Equipment Quality Starter Motors and Alternators
from an OE Supplier to the
European Truck and Bus & Coach Industries



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Alternator

Voltage 12 V
 Charging current 23 A
 Version without pulley
 Specification 8MR
 Housing-∅ 127 mm

suitable for	Order no.	Comparative no.
Thermo King	5240 082 215	Prestolite 8MR2215D



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Body parts



Alternator

Voltage 12 V
 Charging current 37 A
 Version without pulley
 Specification 8MR
 Housing-∅ 127 mm

suitable for	Order no.	Comparative no.
Thermo King	5240 082 341	Prestolite 8MR2341



Alternator

Voltage 12 V
 Charging current 90 A
 Version with pulley
 Specification 8MR
 Housing-∅ 127 mm

suitable for	Order no.	Comparative no.
Thermo King	5240 082 348	Prestolite 8MR2348



Alternator

Voltage 24 V
 Charging current 150 A
 Version without pulley, clockwise direction of rotation
 Specification 8SC
 Housing-∅ 170 mm

suitable for	Order no.	Comparative no.
Thermo King	5240 083 200	Prestolite 8SC3200V



Fuel tank diesel tank

Capacity 240 l
Material plastic

Application range
for refrigerated vehicles

Scope of supply
filling level display, intake and outlet, venting and lockable tank cap,
without tightening straps

Order no.

9661 050 140



Maintenance kit suitable for Carrier Transicold

Scope of supply
fuel filter, oil filter, air filter, V-belt

suitable for	Order no.
Supra 722, 744, 750	6037 000 000
Supra 922, 944, 950	6039 000 000
Vector 1800, 1800MT, 1850 from serial number RB419040	6031 800 000
Maxima 1300	6030 000 013



Maintenance kit suitable for Thermo King

Scope of supply
fuel filter, oil filter, air filter, V-belt

suitable for	Order no.
SL-100e, SL-200e, SL-400e	6030 000 000
SLX-100	6031 000 000
SLX-200	6032 000 001
SLX-300	6033 000 000
SLX-400	6034 000 000
MD -200	6032 000 000



You will find an air conditioning service unit for refrigeration units under the "Workshop Equipment" heading in the "Workshop Requirements" section.



Case for hazardous goods

Dimensions 420 x 305 x 155 mm
 Material polypropylene
 Colour black

Type	Scope of supply	Order no.
1	<ul style="list-style-type: none"> - PVC gloves, EN 388 EN 374-3 EN 374-2 CE 0120 - protective goggles, tight closing, anti mist - eye rinse, sterile with eye wash funnel, 200 ml 	9194 320 000
2	<ul style="list-style-type: none"> - PVC gloves, EN 388 EN 374-3 EN 374-2 CE 0120 - eye rinse, sterile with eye wash funnel, 200 ml - protective goggles, tight closing, anti mist - overall (protection against chemicals), size XXL - PVC boots, size 46 	4530 010 350
3	<ul style="list-style-type: none"> - PVC gloves, EN 388 EN 374-3 EN 374-2 CE 0120 - eye rinse, sterile with eye wash funnel, 200 ml - protective goggles, tight closing, anti mist - overall (protection against chemicals), size XXL - PVC boots, size 46 - full mask - combination filter (9534 880 698) 	4530 010 360
4	<ul style="list-style-type: none"> - PVC gloves, EN 388 EN 374-3 EN 374-2 CE 0120 - eye rinse, sterile with eye wash funnel, 200 ml - protective goggles, tight closing, anti mist - overall (protection against chemicals), size XXL - PVC boots, size 46 - full mask - combination filter (9534 880 698) - bandage pack with rescue blanket to DIN 13164 	4530 030 361

Accessories

Description	Order no.
Protective goggles, tight to face, non-fogging, with elastic band	9750 208 040
Protective gloves, jersey lined, according to CE	9650 208 060
Breathing equipment full face mask, natural rubber	9650 208 070
Folding spade, folds once, Metal/wood	1100 109 745
Drain cover, 1000 x 1000 mm	9650 005 001
Traffic cone, Height 500 mm	9197 200 150
Combination filter for full mask, A2B2E2K2-P3	9534 880 698
Combination filter for full-face mask, A2B2E2K2-Hg-P3	9650 208 080
Eye rinsing bottle, 200 ml, Bottle	9650 208 050
Eye rinsing bottle, 500 ml, Bottle	9657 200 056



Hazardous goods slip

according to GGVSEB/ADR

Version	Class	Material	Length	Width	Order no.
Explosives	1	plastic	250 mm	250 mm	9650 000 320
Explosives	1	self-adhesive film	100 mm	100 mm	9650 000 640
Explosives	1	self-adhesive film	250 mm	250 mm	9650 300 040
Explosives	1	self-adhesive film	300 mm	300 mm	9563 003 001
Explosives division 1.4	1.4	plastic	250 mm	250 mm	9650 000 330
Explosives division 1.4	1.4	self-adhesive film	250 mm	250 mm	9650 000 342
Explosives division 1.5	1.5	plastic	250 mm	250 mm	9650 000 331
Explosives division 1.6	1.6	plastic	250 mm	250 mm	9650 000 332
Combustible, flammable liquids/gases	2.1	plastic	250 mm	250 mm	9650 000 334
Combustible, flammable liquids/gases	2.1	plastic	300 mm	300 mm	9650 632 000
Combustible, flammable liquids/gases	2.1	self-adhesive film	100 mm	100 mm	9650 000 650
Fire hazard, flammable liquid substances/gases	2.1	self-adhesive film	250 mm	250 mm	9650 300 053
Combustible, flammable liquids/gases	2.1	self-adhesive film	300 mm	300 mm	9659 000 050

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Version	Class	Material	Length	Width	Order no.
Non-flammable and poisonous gas	2.2	plastic	250 mm	250 mm	9650 000 335
Non-flammable and toxic gas	2.2	self-adhesive film	300 mm	300 mm	9650 000 510
Combustible, flammable liquids	3	plastic	250 mm	250 mm	9650 000 345
Combustible, flammable liquids	3	plastic	300 mm	300 mm	9652 060 200
Combustible, flammable liquids	3	self-adhesive film	100 mm	100 mm	9652 060 201
Combustible, flammable liquids	3	self-adhesive film	250 mm	250 mm	9650 000 340
Combustible, flammable liquids	3	self-adhesive film	300 mm	300 mm	9650 206 020
Combustible, flammable substances	4.1	plastic	250 mm	250 mm	9650 000 350
Combustible, flammable substances	4.1	plastic	300 mm	300 mm	9652 060 300
Combustible, flammable substances	4.1	self-adhesive film	100 mm	100 mm	9652 060 301
Combustible, flammable substances	4.1	self-adhesive film	250 mm	250 mm	9652 060 321
Combustible, flammable substances	4.1	self-adhesive film	300 mm	300 mm	9650 206 030
Liable to spontaneous combustion	4.2	plastic	250 mm	250 mm	9650 000 360
Liable to spontaneous combustion	4.2	plastic	300 mm	300 mm	9652 060 400
Liable to spontaneous combustion	4.2	self-adhesive film	250 mm	250 mm	9650 300 045
Liable to spontaneous combustion	4.2	self-adhesive film	300 mm	300 mm	9650 206 040
Emits flammable gases in contact with water	4.3	plastic	250 mm	250 mm	9650 000 370
Emits flammable gases in contact with water	4.3	plastic	300 mm	300 mm	9652 060 500
Emits flammable gases in contact with water	4.3	aluminium	300 mm	300 mm	9650 206 050
Emits flammable gases in contact with water	4.3	self-adhesive film	100 mm	100 mm	9652 060 501
Emits flammable gases in contact with water	4.3	self-adhesive film	250 mm	250 mm	9650 300 046
Oxidising agents	5.1	plastic	300 mm	300 mm	9652 060 600
Oxidising agents	5.1	self-adhesive film	100 mm	100 mm	9650 000 630
Oxidising agents	5.1	self-adhesive film	250 mm	250 mm	9650 000 341
Oxidising agents	5.1	self-adhesive film	300 mm	300 mm	9650 000 513
Self-reactive substance	5.2	self-adhesive film	100 mm	100 mm	9650 000 645
Self-reactive substance	5.2	self-adhesive film	250 mm	250 mm	9650 300 047
Self-reactive substance	5.2	self-adhesive film	300 mm	300 mm	9650 206 060
Toxic	6.1	plastic	250 mm	250 mm	9650 000 390
Toxic	6.1	plastic	300 mm	300 mm	9652 061 100
Toxic	6.1	self-adhesive film	100 mm	100 mm	9652 060 701
Toxic	6.1	self-adhesive film	250 mm	250 mm	9650 300 048
Toxic	6.1	self-adhesive film	300 mm	300 mm	9650 206 070
Infectious substances	6.2	self-adhesive film	100 mm	100 mm	9650 000 635
Infectious substances	6.2	self-adhesive film	250 mm	250 mm	9650 300 057
Infectious substances	6.2	self-adhesive film	300 mm	300 mm	9650 206 190
Radioactive material in category I containers, white	7A	plastic	250 mm	250 mm	9650 000 410
Radioactive material in category I containers, white	7A	plastic	300 mm	300 mm	9652 061 000
Radioactive material in category II containers, yellow	7B	plastic	250 mm	250 mm	9650 000 420
Radioactive material in category III containers, yellow	7C	plastic	250 mm	250 mm	9650 000 430
Radioactive substance with the hazards stated under class 7A, 7B and 7C, yellow	7D	plastic	250 mm	250 mm	9650 000 440
Corrosive substances	8	plastic	250 mm	250 mm	9650 000 450
Corrosive substances	8	plastic	300 mm	300 mm	9652 061 732
Corrosive substances	8	self-adhesive film	100 mm	100 mm	9652 061 701
Corrosive substances	8	self-adhesive film	250 mm	250 mm	9650 300 054
Corrosive substances	8	self-adhesive film	300 mm	300 mm	9650 206 090
Miscellaneous dangerous substances and items	9	plastic	250 mm	250 mm	9650 000 460
Miscellaneous dangerous substances and items	9	plastic	300 mm	300 mm	9650 640 000
Miscellaneous dangerous substances and items	9	self-adhesive film	100 mm	100 mm	9652 061 801
Miscellaneous dangerous substances and items	9	self-adhesive film	250 mm	250 mm	9652 060 022
Miscellaneous dangerous substances and items	9	self-adhesive film	300 mm	300 mm	9650 206 180

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Version	Class	Material	Length	Width	Order no.
Environmentally hazardous substances	9 UG	plastic	250 mm	250 mm	9651 000 320
Environmentally hazardous substances	9 UG	plastic	300 mm	300 mm	9650 003 509
Environmentally hazardous substances	9 UG	self-adhesive film	100 mm	100 mm	9659 000 030
Environmentally hazardous substances	9 UG	self-adhesive film	250 mm	250 mm	1269 000 409
Environmentally hazardous substances	9 UG	Self-adhesive film	300 mm	300 mm	9590 000 509
LQ - Limited Quantity	11	plastic	250 mm	250 mm	9650 000 348
LQ - Limited Quantity	11	Magnetic foil	250 mm	250 mm	9650 000 349
LQ - Limited Quantity	11	Self-adhesive film	250 mm	250 mm	9650 000 346
for the identification of heated substances		self-adhesive film			9659 000 060

Exchange system for hazard labels

Length 250 mm
Width 250 mm
Material aluminium

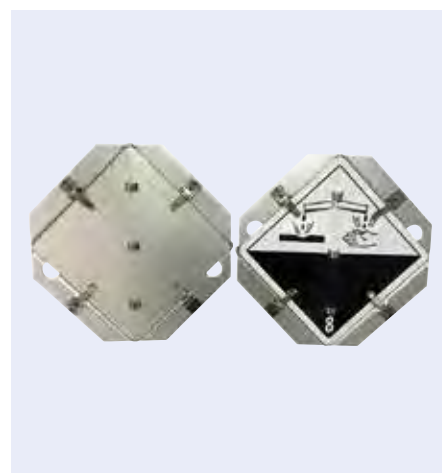
Scope of supply

with 8 hazard labels:

- hazardous goods class 3 - flammable liquid
- hazardous goods class 4.1 - flammable solid
- hazardous goods class 5.1 - oxidising substance
- hazardous goods class 6.1 - poisonous substance
- hazardous goods class 8 - caustic substance
- hazardous goods class 9 - various environmentally damaging substances
- label for tankers (hazard to bodies of water/drains)
- label for tankers with heated goods

Order no.

8913 182 800



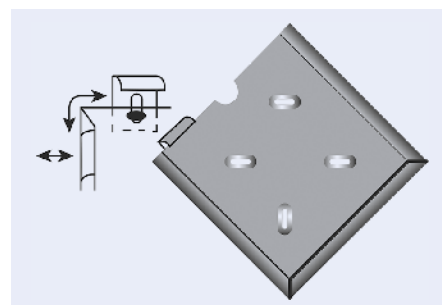
Clip-on frame

Material stainless steel

Application range

for hazard labels according to GGVSEB/ADR

Width	Height	Order no.
250 mm	250 mm	9650 206 524
300 mm	300 mm	9650 206 520



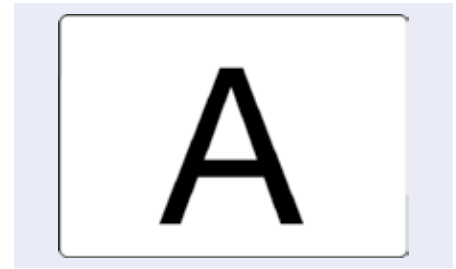
Warning panel

Waste

retro-reflecting type I

Width 400 mm

Height 300 mm

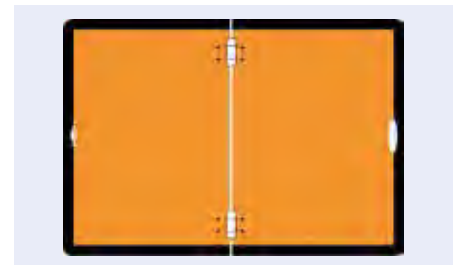


Version	Material	Order no.
fixed	Magnetic foil	9651 900 020
rigid, with edge protection	sheet steel	9650 205 050
rigid, without edge protection	self-adhesive film	9650 205 051
folding, with fastening elements and edge protection, without mounting components	Sheet steel	9650 205 060
folds horizontally, without edge protection	sheet steel	9650 205 080
folds vertically, with edge protection	sheet steel	9650 205 059

Warning panel

retro-reflecting type 1

in accordance with GGVSEB/ADR



This figure corresponds to 9650 006 001

Version	Material	Width	Height	Order no.
folding, without fixings	Sheet steel	300 mm	120 mm	9650 205 130
fixed	sheet steel	400 mm	300 mm	9650 331 203
rigid, with edge protection	sheet steel	400 mm	300 mm	9650 205 135
rigid, with holder and edge protection	Sheet steel	400 mm	300 mm	9650 205 100
rigid, with black edge and edge protection	self-adhesive film	400 mm	300 mm	9650 205 105
fixed, with black edge and edge protection	Magnetic foil	400 mm	300 mm	9651 205 100
folding, with edge protection	Sheet steel	400 mm	300 mm	9650 006 001
folds horizontally, with edge protection	sheet steel	400 mm	300 mm	9650 205 112
folds vertically, rotating swivel at top, with edge protection	sheet steel	400 mm	300 mm	9650 006 002

Accessories

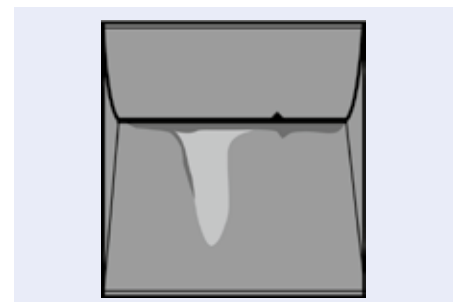
Description	Order no.
Fastening set for A and ADR panel	9900 252 922
Bracket set, flat steel	9650 205 900
Universal cover, fireproof, 400 x 300 mm	9652 059 800

Bag

for accompanying documents

Length 255 mm

Width 195 mm



Order no.

9650 205 930

Number panel

retro-reflecting type I

Width 400 mm
Height 300 mm
Material sheet steel

according to GGVSEB/ADR

This figure corresponds to 9650 205 450

Version	Order no.
fixed	9650 205 399
foldable, with edge protection, without spaces	9650 205 450

Accessories

Description	Order no.
Numeral set, sheet steel, 70 x 117 mm, with pouch	9650 205 410
Numeral set, stainless steel, 93,5 x 135 mm, with pocket	9650 035 128



Number panel

suitable for Figures 135 x 93.5 x 0.5 mm
Material Sheet steel

in accordance with ADR

This figure corresponds to 9650 035 101

Version	Order no.
with fixed mounting plate on the reverse	9650 035 100
replaceable, with four countersunk longitudinal holes instead of mounting plate on the reverse	9650 035 101



Marking board

retro-reflecting type II

Standard ECE 70

Application range

for trailers and semi-trailers



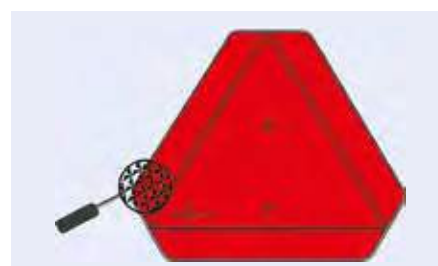
Material	Width	Height	Order no.
aluminium	1132 mm	197 mm	9650 000 975
aluminium	565 mm	197 mm	9650 575 573
self-adhesive film	566 mm	200 mm	9650 575 574

Marking board

retroreflective type II/III red fluorescent

Form triangle
Width 410 mm
Height 360 mm
Standard ECE 69/ECE 69.01

Order no.
9651 300 140



Marking board container

retroreflective type II

Version ORAFOL®
 Width 141 mm
 Height 705 mm

Scope of supply

4 left and 4 right films

Material	Order no.
Self-adhesive film	9650 209 900
Magnetic foil	9650 209 901



6

Body parts

Wide load panel

retro-reflecting type I

in accordance with § 22.2 StVO, VwV § 29 VI 5c StVO,
 in accordance with § 51c, § 72 StVZO (German Rules of the Road), DIN 11030



This figure corresponds to 9650 204 550

Version	Type	Material	Height	Width	Order no.
fixed		magnetic film	423 mm	423 mm	9652 700 710
fixed	left-pointing	self-adhesive film	423 mm	423 mm	9650 204 522
folding, with edge protection	indicating left	sheet steel	423 mm	423 mm	9650 204 512
folding, with edge protection	indicating right	sheet steel	423 mm	423 mm	9650 204 511
rigid, with edge protection	indicating left	sheet steel	282 mm	564 mm	9650 204 550
rigid, with edge protection	indicating right	sheet steel	282 mm	564 mm	9650 204 551
rigid, with edge protection		sheet steel	423 mm	423 mm	9650 204 521

Warning panel

retroreflective type II, type-tested

Thickness 2 mm
 Material aluminium

Application range

for identification of parts of the load that overhang lengthways

This figure corresponds to 9650 000 502

Width	Height	Order no.
500 mm	500 mm	9650 000 502
900 mm	300 mm	1269 000 801
1250 mm	400 mm	1269 000 802



Parking warning sign



This figure corresponds to 9651 204 510

Form	Description	Version	Type	Material	Height	Width	Order no.
A	retro-reflective type II, fluorescent	rigid, with edge protection		sheet steel	423 mm	423 mm	¹ 9650 204 500
A	retro-reflective type II, fluorescent	rigid, without edge protection		sheet steel	423 mm	423 mm	¹ 9650 010 690
A	retro-reflective type II, fluorescent	folding, with edge protection	indicating left	sheet steel	423 mm	423 mm	¹ 9650 204 510
A	retro-reflective type II, fluorescent	folding, with edge protection	indicating right	sheet steel	423 mm	423 mm	¹ 9651 204 510
A	retro-reflective type II, fluorescent	foldable	indicating left	sheet steel	423 mm	423 mm	¹ 9650 010 700
A	retro-reflective type II, fluorescent	foldable	indicating right	sheet steel	423 mm	423 mm	¹ 9650 010 710
A	retro-reflective type III, fluorescent	rigid, without edge protection	indicating left	sheet steel	282 mm	282 mm	¹ 9651 600 100
A	retro-reflective type III, fluorescent	rigid, without edge protection	indicating right	sheet steel	282 mm	282 mm	¹ 9651 600 110
B		fixed	left-pointing	sheet steel	285 mm	285 mm	² 1261 600 560
B		fixed	right-pointing	sheet steel	285 mm	285 mm	² 1261 600 570
B		foldable	left-pointing	aluminium	285 mm	285 mm	² 9650 000 220
B		foldable	right-pointing	aluminium	285 mm	285 mm	² 9650 000 221
B	retro-reflective type III, fluorescent	folding, without edge protection	indicating left	sheet steel	282 mm	282 mm	¹ 9650 016 140
B	retro-reflective type III, fluorescent	folding, without edge protection	indicating right	sheet steel	282 mm	282 mm	¹ 9651 600 150

¹ in accordance with § 17 StVO (Rules of the Road), § 22a StVZO and TA 18b,
in accordance with § 51c, § 72 StVZO (German Rules of the Road), DIN 11030

² according to § 51c StVZO



Vehicle warning markings

retro-reflective type II

Version ORAFOL®
Material self-adhesive film
Width 141 mm
Length 9000 mm

Type	Order no.
indicating left	9659 110 045
indicating right	9659 110 025





Information board

Width 800 mm
Height 200 mm

Version	Material	Fig.	Order no.
Caution! Trailer swings out	self-adhesive film	1	9650 206 601
Caution! Vehicle swings out	self-adhesive film	2	9659 000 270
Caution! Vehicle swings out	sheet steel	2	9650 206 620
Caution! Long vehicle	sheet steel	3	9659 000 273

Information board

Convoi Exceptionnel (Wide Load)

retroreflective type II

Version France



Material	Width	Height	Order no.
sheet steel	1200 mm	400 mm	9659 000 902
aluminium	1200 mm	400 mm	9659 000 903
aluminium	1900 mm	250 mm	9659 000 905
aluminium	1250 mm	175 mm	9650 000 702

Warning panel

TIR

non-reflective

Width 400 mm
Height 250 mm



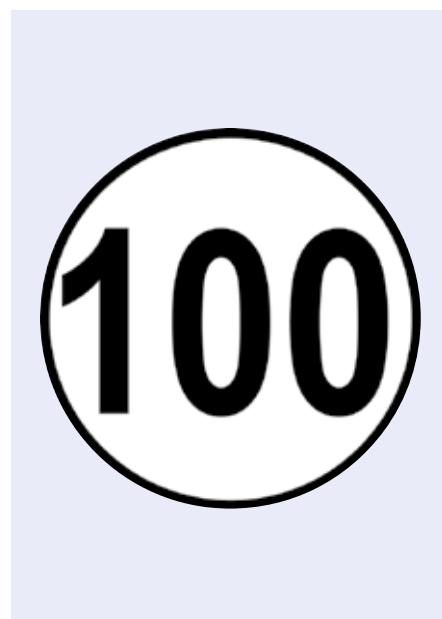
Version	Material	Order no.
rigid, without edge protection	plastic	8000 000 585
rigid, with edge protection	Sheet steel	9650 203 400
folding, without edge protection	sheet steel	9650 210 004
folding, with edge protection and fastening elements	Sheet steel	9650 203 410
	self-adhesive film	9652 034 001

Speed sign

non-reflective

∅ 200 mm

Version	Material	Order no.
6 km/h	plastic	2300 001 570
20 km/h	plastic	2300 001 572
25 km/h	plastic	2300 001 574
80 km/h	plastic	9652 020 180
6 km/h	self-adhesive film	9652 060 035
30 km/h	self-adhesive film	2300 001 582
62 km/h	self-adhesive film	9650 202 620
20 km/h	self-adhesive film	9652 020 020
25 km/h	self-adhesive film	9652 020 025
40 km/h	self-adhesive film	9652 020 040
50 km/h	self-adhesive film	9652 020 050
60 km/h	self-adhesive film	9652 020 060
80 km/h	self-adhesive film	9652 020 080
100 km/h	self-adhesive film	9652 020 100



Speed sign

∅ 200 mm

Material self-adhesive film

Description	Version	Order no.
non-reflective	60 km/h	9650 007 280
non-reflective	70 km/h	9650 000 525
non-reflective	80 km/h	9652 020 081
non-reflective	90 km/h	9650 000 728
non-reflective	100 km/h	9652 020 101
retro-reflecting type I	70 km/h	9659 000 157
retro-reflecting type I	80 km/h	9650 000 530
retroreflective type I	90 km/h	9650 000 535
retro-reflecting type I	100 km/h	9650 000 540



Speed sign

France

∅ 200 mm

Material self-adhesive film

Version	Order no.
25 km/h	9650 202 621
30 km/h	9650 202 622
60 km/h	9650 202 623
70 km/h	9650 202 624
80 km/h	9650 202 625
90 km/h	9650 202 626
100 km/h	9650 202 627
110 km/h	9650 202 628



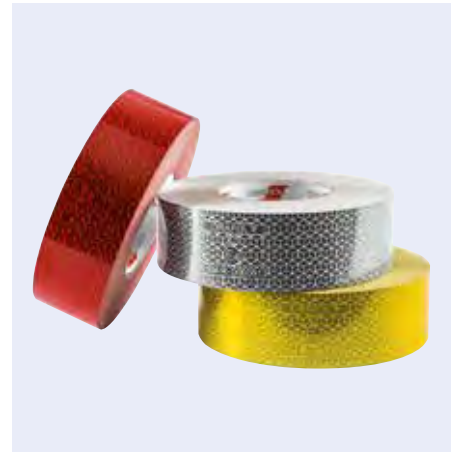


Reflective tape for marking contours

reflective, single-layer prismatic film with adhesive reverse side, flexibly adaptable, tear-resistant, easy to handle and simple to apply, no edge sealing necessary, easy to cut to size, high resistance to most industrial cleaning processes (including high-pressure cleaning), excellent visibility at large distances, even under poor weather conditions

Length 50 m
Width 50 mm
Container Roll
Standard ECE 104 class C

Application range
box trucks/ fixed bodies



Colour	Version	Material	Order no.
white	ORALITE® VC 104+ Rigid Grade	polyester	9657 200 720
yellow	ORALITE® VC 104+ Rigid Grade	polyester	9657 200 730
red	ORALITE® VC 104+ Rigid Grade	polyester	9657 200 750
white	ORALITE® VC 104+ Curtain Grade	vinyl	9657 200 700
yellow	ORALITE® VC 104+ Curtain Grade	vinyl	9657 200 710
red	ORALITE® VC 104+ Curtain Grade	vinyl	9657 200 740



Reflective tape

Special tape for the conspicuous marking of vehicle bodywork (van body/ fixed body), to increase the passive safety on parked vehicles, type III retroreflective

Length 12,5 m
Width 50 mm
Version ORALITE® VC 104+ Rigid Grade
Container Roll

Application range
box trucks/ fixed bodies

Colour	Standard	Order no.
white	ECE 104	9657 200 721
yellow	ECE 104, ECE 48	9657 200 731
red	ECE 104, ECE 48	9657 200 751

Reflective tape for marking contours

Version ORAFOL®, segmented
Width 50 mm
Length 160 mm
Roller length 10 m

Application range
tankers

Colour	Order no.
white	9657 200 687
yellow	9657 200 688





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customer, no matter how unusual your requirements may be from our **comprehensive product range** of more than 400,000 spare parts and accessories. This also includes **EUROPART own-brand products**, which provide a **high-quality alternative** at a competitive price.



Lighting

HELLA EasyConn lighting/cabling system.....	620–652	Work lights.....	764–775
Aspöck lighting/cabling system.....	653–681	Rotating beacons.....	776–782
Marker lights.....	682–690	Warning lights.....	783
Side marker lights.....	691–698	Interior lights.....	784–786
Indicators.....	699–701	Vehicle cables.....	787–791
Rear lights.....	702–724	DT cabling system.....	792
Clearance lights.....	725–735	HELLA SUPERSEAL cabling system.....	793, 794
Licence plate lights.....	73–743	HELLA QuickLink cabling system.....	795
Position lights.....	744–746	Distributor.....	796–799
Reversing lights.....	747–751	Electrical plug-in connector.....	800–810
Rear fog lights.....	752–755	Coil connection lines.....	811–816
Reflectors.....	756–760	Lamps.....	817–824
Additional brake lights.....	761	Safety equipment.....	825, 826
Reversing floodlights.....	762, 763		

The EasyConn wiring and lighting system for 24 V trailers

The EasyConn lighting and wiring system was specially developed for 24 V trailers. It covers nearly all feasible application cases on the 24 V trailer. Hella has thus created an inexpensive alternative system. You too can use the flexible wiring for 24 V trailers with the "EasyConn" modular wiring and lighting system from HELLA.



EasyConn hybrid tail light

The modular hybrid rear light performs the distributor function for all of the light functions required in accordance with the German Road Traffic Licensing Regulations (StVZO). These are strictly separated from other special lighting and auxiliary functions by means of a separate circuit.

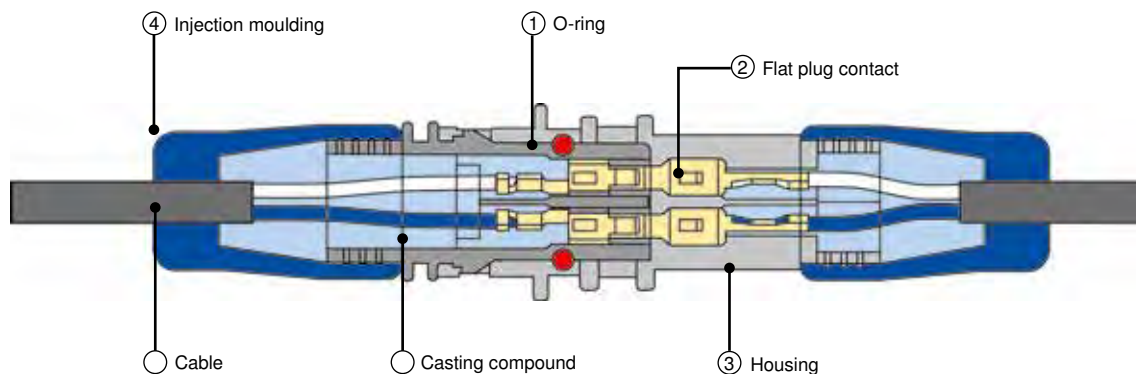
The advantage of this system is a cost effective, reliable and easy to assemble modular light system that can be subsequently extended with the addition of EasyConn components.



EasyConn – Small connectors

The connector system. The technology behind it.

Section through a 2 pin EasyConn plug-in connection



1. O-ring

The O-rings on the receptacle are replaceable and guarantee high levels of tightness.

2. Contacts

A 2.8 mm flat plug system is used for contacting. The receptacles have an additional steel spring for secure contacting. The capacity is 25 A (continuous current).

3. Housing

The housing is made of impact-resistant plastic (PBT) and is cast using the low pressure procedure so that the contacts are suspended.

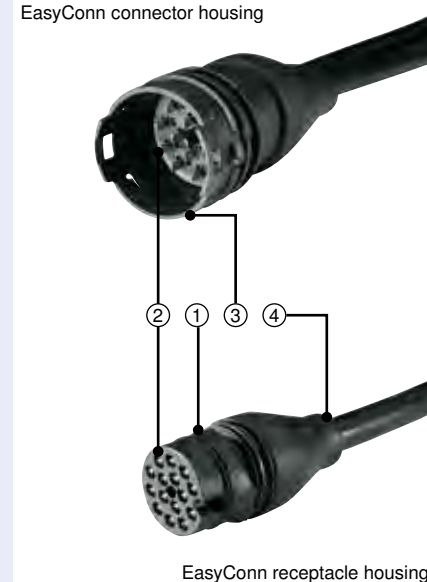
4. Injection moulding

The housing and shell are injection moulded with TPE in a second process. This offers double safety.

The plug-in connections are inspected in accordance with degree of protection **IP 6K9K** and guarantee absolute tightness.

6K = dust-tight, **9K** = high-pressure/steam cleaner-proof

EasyConn connector housing



EasyConn receptacle housing

EUROPART
GOOD TO KNOW

EasyConn system

The connectors

The EasyConn connector system consists of 2, 7 and 15-pin connectors and receptacles. It enables simple and reliable connection of all components. The narrow diameter of the connectors and receptacles enables easy assembly on the trailer. The plug-in connections are approved according to degree of protection IP6K9K.



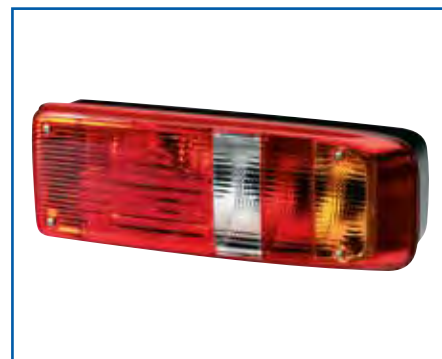
Position light

The tried-and-tested position lights are available with a cable and EasyConn connector housing for connection to the EasyConn system.



Tail lamp

There are the following versions of the EasyConn tail light with central plug: standard, side marker light with reflector or with rubber arm. A cable gland is also possible instead of the central plug.



Licence plate light

The licence plate light has a cable with EasyConn receptacle for connection to the EasyConn system.



Side marker lights with reflectors

The extremely resistant LED means the side marker light lasts for practically as long as the trailer. Fully wired chains can be requested with a variable number of lights with variable spacing.

Lights are available in the following versions:

- As bracket version
- For direct mounting
- With cast-on 2-pin central connector
- With Quick-Link wiring
- With moulded cable and 2-pin connector housing



The wiring

EasyConn is very cost-efficient and flexible: this means that it is no longer necessary to install a distributor for the wiring, although this is possible at any time. Cable cross-sections – in accordance with market requirements – enable the attachment of auxiliary worklights over and beyond the standard system, for example. The system is approved for vehicles in accordance with GGVS/ADR.



Clearance light with rubber arm and sider marker light (SML)

The innovative double-chamber system means moisture cannot penetrate into the contact area – even if there is a fault in the outer lens. This minimises the risk of failures. The integrated steel spring in the rubber arm not only guarantees positioning accuracy and flexibility, but also guarantees impact resistance. The integrated side marker light in the rubber arm means there is no need for a separate side marker light at the end of the vehicle!





LED end-outline marker lamp

Version	with reflector
Installation location	front
Installation side	left/right
Voltage	24 V
Connection	2-pole EasyConn contact housing with cable
Width	130 mm
Height	32 mm
Type	surface-mounting, vertical/horizontal
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
300 mm	0008 645 321	HELLA 2PG 008 645-321
1300 mm	0008 645 331	HELLA 2PG 008 645-331



LED end-outline marker lamp

Installation location	front	Height	25,9 mm
Installation side	left/right	Type	surface-mounting
Voltage	10-33 V	Colour	clear
Width	79 mm		

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
500 mm	0959 590 401	HELLA 2PF 959 590-207
5000 mm	0959 590 411	HELLA 2PF 959 590-212



LED end-outline marker lamp

Installation location	front	Height	38 mm
Installation side	left/right	Depth	32 mm
Voltage	10-33 V	Type	surface-mounting
Width	60 mm	Colour	clear

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
500 mm	0959 570 401	HELLA 2PF 959 570-207
5000 mm	0959 570 411	HELLA 2PF 959 570-212



LED end-outline marker lamp

simply press in, on vehicles with wall thicknesses from 3-10 mm

Installation location	front	Depth	39,5 mm
Installation side	left/right	Type	flush-mounting
Voltage	24 V	Colour	clear
Ø	35 mm		

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 825 001	HELLA 2PF 340 825-001





LED side marker light

Version	with reflector
Installation side	left/right
Voltage	24 V
Connection	2-pole EasyConn contact housing with cable
Distance between holes	116 mm
Width	130 mm
Height	32 mm
Type	surface-mounting, vertical/horizontal
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
300 mm	0008 645 301	HELLA 2PS 008 645-301
1300 mm	0008 645 311	HELLA 2PS 008 645-311
2000 mm	9260 001 061	HELLA 2PS 008 645-361



LED rear light

EasyConn I with LED taillight, in hybrid technology

Bulb type	P21W/R10W
Voltage	24 V
Fastening	2 x M8 threaded studs
Width	370 mm
Height	130 mm
Depth	85 mm
Type	surface-mounting
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Version	Installation side	Connection	Fig.	Order no.	Comparative no.
with indicator, brake, rear fog, LED taillight and reversing light, triangular reflector	left	EasyConn connector (yellow), 7 pins	1	9260 001 350	HELLA 2VP 340 932-011
with indicator, brake, rear fog, LED taillight and reversing light, triangular reflector	right	EasyConn connector (blue), 7 pins	1	9260 001 351	HELLA 2VP 340 932-001
with indicator, brake, rear fog, reversing and LED taillight, triangular reflector and LED rubber arm lights	left	EasyConn connector (yellow), 7 pins	2	0340 934 111	HELLA 2VP 340 934-111
with indicator, brake, rear fog, reversing and LED taillight, triangular reflector and LED rubber arm lights	right	EasyConn connector (blue), 7 pins	2	0340 934 101	HELLA 2VP 340 934-101

Accessories

Description	Order no.	Comparative no.
Lens, left	0340 829 031	HELLA 9EL 340 829-031
Lens, right	0340 829 021	HELLA 9EL 340 829-021



LED rear light

EasyConn II with LED tail light and LED rubber arm light, in hybrid technology

Version	with indicator, brake, rear fog, reversing and LED tail light, triangular reflector and LED rubber arm lights
Bulb type	P21W/PY21W
Voltage	24 V
Connection	EasyConn connector (blue), 7 pins
Fastening	2 x M8 threaded studs
Width	370 mm
Height	130 mm
Depth	88 mm
Pin spacing	152 mm
Type	surface-mounting
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	0340 940 111	HELLA 2VP 340 940-111
right	0340 940 101	HELLA 2VP 340 940-101



LED rear light

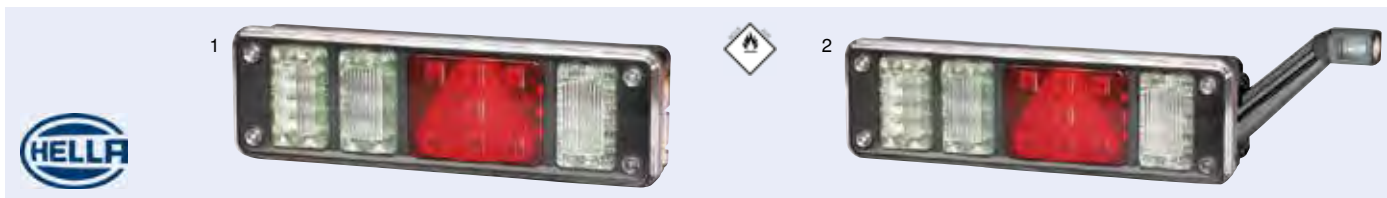
EasyConn II with LED taillight, in hybrid technology

Version	with indicator, brake, rear fog, reversing and LED taillight, triangular reflector
Bulb type	P21W/PY21W
Voltage	24 V
Fastening	2 x M8 threaded studs
Width	370 mm
Height	130 mm
Depth	88 mm
Type	surface-mounting
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Connection	Order no.	Comparative no.
left	EasyConn connector (yellow), 7 pins	0340 942 011	HELLA 2VP 340 942-011
right	EasyConn connector (blue), 7 pins	0340 942 001	HELLA 2VP 340 942-001





LED rear light in hybrid technology, with pulse for indicator failure control

Bulb type	P21W/PY21W
Voltage	24 V
Width	450 mm
Height	138 mm
Depth	93,6 mm
Type	surface-mounting
Light colour	red/clear/yellow
Lens colour	red/clear

approved for vehicles in accordance with GGVS/ADR

Version	Installation side	Connection	Fig.	Order no.	Comparative no.
with indicator, LED brake, rear fog and reversing light, LED tail light with triangular reflector	left	EasyConn connector (yellow), 7 pins	1	0340 961 011	HELLA 2VP 340 961-011
with indicator, LED brake, rear fog and reversing light, LED tail light with triangular reflector	right	EasyConn connector (blue), 7 pins	1	0340 961 021	HELLA 2VP 340 961-021
with indicator, LED brake, rear fog and reversing light, LED tail light triangular reflector and LED rubber arm light	left	EasyConn connector (yellow), 7 pins	2	0340 961 111	HELLA 2VP 340 961-111
with indicator, LED brake, rear fog and reversing light, LED tail light triangular reflector and LED rubber arm light	right	EasyConn connector (blue), 7 pins	2	0340 961 121	HELLA 2VP 340 961-121

Accessories

Description	Order no.	Comparative no.
Lens, left/right	0183 432 001	HELLA 9EL 183 432-001
Cover hood	0340 092 011	HELLA 8XS 340 092-011
Bulb holder for rear light	0178 904 001	HELLA 9DW 178 904-001
Bulb holder for indicators	0178 909 001	HELLA 9DW 178 909-001
Bulb holder for reversing light	0178 909 011	HELLA 9DW 178 909-011
Bulb holder for rear fog light	0178 909 021	HELLA 9DW 178 909-021
LED clearance light	0340 418 181	HELLA 2XS 011 744-021



LED rear light COLUNA, with pulse for indicator failure control

Version	with indicator, brake, rear fog, reversing and tail light, triangular reflector
Voltage	24 V
Length	300 mm
Width	130 mm
Height	40 mm
Cable length	1000 mm
Pin spacing	152 mm
Type	surface-mounting
Light colour	red/clear/yellow
Lens colour	red/clear

approved for vehicles in accordance with GGVS/ADR



Installation side	Connection	Order no.	Comparative no.
left	EasyConn connector (yellow), 7 pins	0345 900 011	HELLA 2VP 345 900-011
right	EasyConn connector (blue), 7 pins	0345 900 021	HELLA 2VP 345 900-021



LED rear light with pulse for indicator failure control

Version	with indicator, brake, reversing and taillight, triangular reflector
Voltage	24 V
Fastening	2 x M8 x 28 mm
Width	403,2 mm
Height	145 mm
Depth	33,5 mm
Cable length	500 mm
Pin spacing	152 mm
Type	surface-mounting
Light colour	red/clear/yellow
Lens colour	red/clear

approved for vehicles in accordance with GGVS/ADR



Installation side	Connection	Order no.	Comparative no.
left	EasyConn connector (yellow)	9260 001 578	HELLA 2VP 340 950-011
right	EasyConn connector (blue)	9260 001 580	HELLA 2VP 340 950-021



LED rear light with pulse for indicator failure control

Version	with indicator, brake, rear fog, reversing and tail light, triangular reflector and rubber arm
Voltage	24 V
Width	450 mm
Height	138 mm
Depth	93,5 mm
Cable length	1000 mm
Type	surface-mounting
Light colour	red/clear/yellow
Lens colour	red/clear

approved for vehicles in accordance with GGVS/ADR



Installation side	Connection	Order no.	Comparative no.
left	EasyConn connector (yellow), 7 pins	0340 960 111	HELLA 2VP 340 960-111
right	EasyConn connector (blue), 7 pins	0340 960 121	HELLA 2VP 340 960-121

Accessories

Description	Order no.	Comparative no.
Lens, left/right	0183 432 001	HELLA 9EL 183 432-001
Bulb holder for rear light	0178 904 001	HELLA 9DW 178 904-001
Bulb holder for indicators	0178 909 001	HELLA 9DW 178 909-001
Bulb holder for reversing light	0178 909 011	HELLA 9DW 178 909-011
Bulb holder for rear fog light	0178 909 021	HELLA 9DW 178 909-021
LED clearance light	0340 418 181	HELLA 2XS 011 744-021

Giving The Trailer What It Deserves



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Technology with Vision





Rear light EasyConn I

equipped with double bulbs

Bulb type	P21W/R10W
Voltage	24 V
Width	370 mm
Height	130 mm
Depth	85 mm
Type	surface-mounting
Colour	red/clear/yellow



Version	Installation side	Connection	Order no.	Comparative no.
with indicator, brake, rear fog, reversing and tail light, reflector	left	EasyConn connector (yellow), 7 pins	0340 930 011	HELLA 2VP 340 930-011
with indicator, brake, rear fog, reversing and tail light, reflector	right	EasyConn connector (blue), 7 pins	0340 930 001	HELLA 2VP 340 930-001
with indicator, brake, rear fog, reversing, taillight and side marker light, reflector	left	EasyConn connector (yellow), 7 pins	0340 930 031	HELLA 2VP 340 930-031
with indicator, brake, rear fog, reversing, taillight and side marker light, reflector	right	EasyConn connector (blue), 7 pins	0340 930 021	HELLA 2VP 340 930-021



Rear light EasyConn I

with vertical lens and double bulb mounting in tail light

Version	with indicator, brake, rear fog, tail, side marker and reversing light, triangular reflector
Bulb type	P21W, R5W, C5W
Voltage	24 V
Connection	7-pole EasyConn contact housing with cable
Cable length	500 mm
Fastening	2 x M8 threaded studs
Width	440 mm
Height	148 mm
Depth	82 mm
Type	surface-mounted, horizontal
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR



Installation side	Order no.	Comparative no.
left	0340 450 451	HELLA 2VP 340 450-451
right	0340 450 441	HELLA 2VP 340 450-441

Accessories

Description	Order no.	Comparative no.
Lens for rear light	0340 208 001	HELLA 9EL 340 208-001
Lens for side marker light	0146 838 001	HELLA 9EL 146 838-001

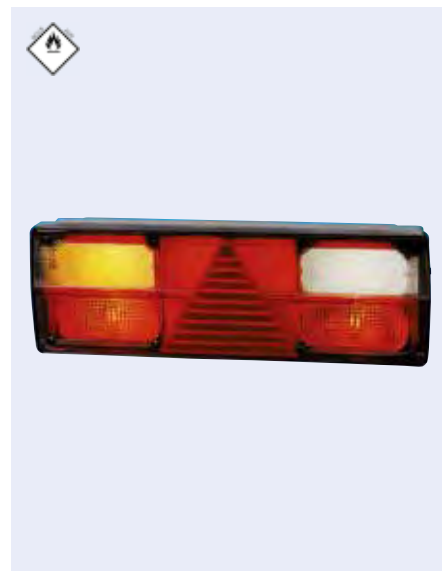


Rear light EasyConn I

with horizontal lens and double bulb mounting in tail light

Version	with indicator, brake, rear fog, tail, side marker and reversing light, triangular reflector
Bulb type	P21W, R5W, C5W
Voltage	24 V
Connection	7-pole EasyConn contact housing with cable
Cable length	500 mm
Fastening	2 x M8 threaded studs
Width	440 mm
Height	148 mm
Depth	82 mm
Type	surface-mounted, horizontal
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR



Installation side	Order no.	Comparative no.
left	0340 450 511	HELLA 2VP 340 450-511
right	0340 450 501	HELLA 2VP 340 450-501

Accessories

Description	Order no.	Comparative no.
Lens for rear light	8840 250 112	HELLA 9EL 340 208-021
Lens for side marker light	0146 838 001	HELLA 9EL 146 838-001



LED retrofit set for EasyConn I

For conversion of taillight function from bulb technology to LED technology.

Voltage	24 V
Fastening	clipped

Scope of supply

with 2 reflectors, one each for the left and right lights, each with a board including 4 red LEDs and adapter cable for connection to the lamp carrier

Order no.	Comparative no.
0340 173 801	HELLA 9XX 340 173-801





Conversion kit EasyConn Next Generation, for 24 V trailers

Complete set for conversion of 24 V trailer lighting systems on the market, constant light functions (tail, brake, clearance lights) in LED, other functions with bulbs

Scope of supply

Trailer rear lights on left/right, including clearance light, number plate light in LED, latest generation of cable system, installation accessories

Order no.	Comparative no.
0340 369 011	HELLA 9XX 340 369-011

Accessories

Description	Order no.	Comparative no.
Distributor box	0340 151 001	HELLA 8JE 340 151-001

If not already present on the vehicle, the junction box allows different cable groups to be accepted - and also the other systems.



LED clearance light

Version	with position, tail and side marker light
Voltage	24 V
Connection	with open cable
Distance between holes	78 mm
Width	177 mm
Height	160 mm
Depth	35 mm
Type	surface-mounting, standing upright
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	0340 418 071	HELLA 2XS 011 744-171
right	0340 418 061	HELLA 2XS 011 744-161





LED clearance light

Version	with position, tail and side marker light
Voltage	24 V
Connection	2-pin EasyConn connector
Distance between holes	78 mm
Width	177 mm
Height	160 mm
Depth	35 mm
Type	surface-mounting, standing upright
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	0340 418 031	HELLA 2XS 011 744-111
right	0340 418 021	HELLA 2XS 011 744-101



LED clearance light

Version	with position, tail and side marker light
Voltage	24 V
Connection	2-pole EasyConn socket housing with cable
Distance between holes	78 mm
Width	183 mm
Height	102 mm
Depth	35 mm
Type	Attachment, standing horizontal
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	9260 001 195	HELLA 2XS 011 769-011
right	9260 001 194	HELLA 2XS 011 769-021



LED clearance light

Version	with position, tail and side marker light
Installation side	left/right
Voltage	24 V
Connection	2-pin EasyConn connector
Distance between holes	78 mm
Width	133 mm
Height	100 mm
Depth	35 mm
Type	surface-mounting, at the side
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 447 021	HELLA 2XS 011 768-021





LED clearance light

Version	with position, tail and side marker light
Installation side	left/right
Voltage	24 V
Connection	EasyConn 90°
Width	133 mm
Height	100 mm
Cable length	500 mm
Type	surface-mounting
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0011 768 011	HELLA 2XS 011 768-011



LED clearance light

Version	with position, tail and side marker light
Voltage	24 V
Distance between holes	78 mm
Distance between holes	78 mm
Width	177 mm
Height	160 mm
Depth	35 mm
Type	surface-mounting, vertical
Colour	red/clear/yellow

Installation side	Order no.	Comparative no.
left	0340 418 191	HELLA 2XS 011 744-011
right	0340 418 181	HELLA 2XS 011 744-021



LED position light

Version	with reflector
Voltage	24 V
Connection	2-pole EasyConn contact housing with cable
Distance between holes	116 mm
Width	130 mm
Height	32 mm
Cable length	5000 mm
Type	surface-mounting, vertical/horizontal
Colour	red

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
9260 001 095	HELLA 2TM 008 645-351





More safety while turning thanks to flashing side marker lights

From **November 2017**, connection of side marker lights which are guaranteed to flash together with the use of the turn indicator lights is **required by law** for new vehicles. The basis of this change in the law is regulation ECE-R48, paragraph 6.18.7., which is valid **for the whole of Europe**. Retrospective fitting for trailers that are already registered is not compulsory.

Introduction of flashing side marker lights should reduce the number of accidents that occur when vehicles are turning. For instance, cyclists that find themselves beside a trailer can recognise the turning process earlier by this means.

In addition, your whole trailer and especially the side livery attracts more attention.

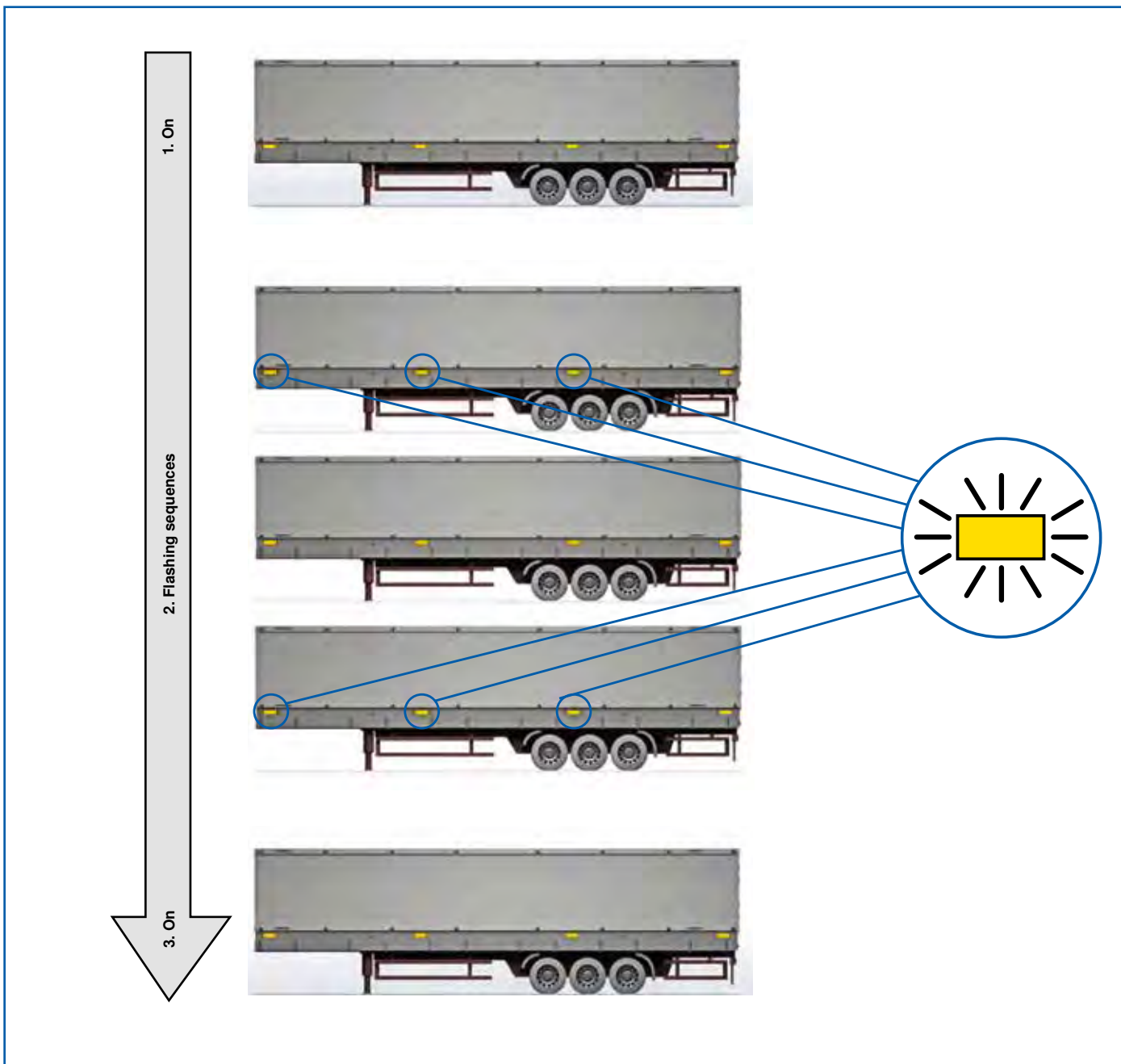
Additional side directional indicator (indicators)

ECE-R48 § 6.5 and ECE-R6

Application and number	
ECE-R48 § 6.5.1, § 6.5.2 § 6.5.3	O ₂ vehicles > 9 m long: up to 3 optional category 5 or one category 6 per vehicle side, O ₃ and O ₄ vehicles: three category 5* distributed as evenly as possible per vehicle side are compulsory.
Colour	
ECE-R48 § 5.15	yellow
Mounting height	
ECE-R48 § 6.5.4.2.1	> 500 mm to max. 1500 mm (in exceptional cases to 2300 mm)**.
Longitudinal mounting	
ECE-R48 § 6.5.4.3	Category 5 = evenly distributed over the length of the trailer. Category 6 = between the first and last quarter of the trailer.
Geometric viewing angle	
ECE-R48 § 6.5.5	Horizontal min. 5° up to 60° to rear. For category 5 vertical ±15°, but for mounting heights < 750 mm, also 5° downwards. In addition, for category 6 however, 30° above and 5° below the horizontal.
Electrical wiring	
ECE-R48 § 6.5.7	Lighting up must occur independently of other lights. The indicators on the same side of the vehicle must be caused to illuminate and turn off by this same actuation device.
Switch-on control	
ECE-R48 § 6.5.8	Not stipulated.

* These three category 5 lights are not necessary when at least three flashing side marker lights are mounted on the same side of the vehicle and which flash in synchronisation with the other directional indicators. (ECE R48 Supplement 6)

** An exception is only possible if the vehicle geometry does not enable standard mounting.



LED side marker light

Version with indicator, reflector
 Voltage 24 V
 Connection EasyConn
 Type surface-mounting, horizontal
 Colour yellow

Order no.	Comparative no.
0012 845 001	HELLA 2PS 012 845-001

Accessories

Description	Order no.	Comparative no.
LED control unit	0208 792 007	HELLA 5DS 208 792-007





LED numberplate lamp

Installation side	left/right
Connection	2-wire cable with 2-pole EasyConn socket housing
Voltage	24 V
Fastening	2x M5x35
Distance between holes	72 mm
Length	63 mm
Width	66,2 mm
Height	93 mm
Cable length	500 mm
Type	surface-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
9260 001 167	HELLA 2KA 010 278-051



7

Lighting



LED numberplate lamp

Version	screwed on
Installation location	side
Installation side	left/right
Connection	with 2-pole EasyConn socket housing
Voltage	24 V
Cable length	500 m
Type	surface-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
9260 001 214	HELLA 2KA 959 640-661



LED numberplate lamp

Installation location	side
Voltage	12/24 V
Type	surface-mounting
Colour	clear
Housing colour	grey

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
500 mm	0012 271 051	HELLA 2KA 012 271-051
	0012 271 071	HELLA 2KA 012 271-071





LED reversing light Repulse Pro, with 3 LEDs

Version	near-field illumination
Voltage	12/24 V
Connection	EasyConn connector (2-pin), 90° angled
Width	110 mm
Height	110 mm
Depth	48 mm
Cable length	1000 mm
Type	Mounting, suspended/upright
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0012 456 211	HELLA 2ZR 012 456-211



LED reversing light with 1 LED

Version	screwed on
Voltage	12/24 V
Connection	2-pole EasyConn socket housing
Width	110 mm
Height	110 mm
Depth	48 mm
Cable length	1000 mm
Type	surface-mounting, suspended/upright
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0012 456 011	HELLA 2ZR 012 456-011





LED control unit for direction indicators

own power supply not necessary

Connection 15-pole EasyConn contact housing and socket housing with cable
Voltage 24 V
Protection class IP6K9K

approved for vehicles in accordance with GGVS/ADR
with EMC approval

Order no.	Comparative no.
0009 552 001	HELLA 5DS 009 552-001



Front adapter cable EasyConn for semi-trailer

2 x 7-wire from 15-pole EasyConn contact housing to socket 7-N DIN/ISO 1185 (line 3 x 2,5 mm²/4 x 1,5 mm²) and socket 7-S DIN/ISO 3731 (line 7 x 1,5 mm²)

suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles in accordance with GGVS/ADR

Length	Order no.	Comparative no.
600 mm	0340 818 011	HELLA 8KA 340 818-011
1700 mm	0340 818 001	HELLA 8KA 340 818-001



Front adapter cable EasyConn for trailers

2 x 7-wire from 15-pole EasyConn contact housing to connector 7-N DIN/ISO 1185 (line 3 x 2,5 mm²/4 x 1,5 mm²) and connector 7-S DIN/ISO 3731 (line 7 x 1,5 mm²)

suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles in accordance with GGVS/ADR

Length	Order no.	Comparative no.
3500 mm	0340 841 001	HELLA 8KA 340 841-001
6000 mm	0340 841 021	HELLA 8KA 340 841-021



Front adapter cable EasyConn for semi-trailer

15-wire (12 x 1,0 mm²/3 x 2,5 mm²) from 15-pole EasyConn contact housing to 15-pole socket DIN/ISO 12098

suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles in accordance with GGVS/ADR

Length	Order no.	Comparative no.
600 mm	0340 842 001	HELLA 8KA 340 842-001
1700 mm	0340 842 011	HELLA 8KA 340 842-011





Front adapter cable

EasyConn for trailers

15-wire (12 x 1,0 mm²/3 x 2,5 mm²) from 15-pole EasyConn contact housing to 15-pole connector DIN/ISO 12098

suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles in accordance with GGVS/ADR

Length	Order no.	Comparative no.
3500 mm	0340 843 001	HELLA 8KA 340 843-001
4500 mm	0340 843 011	HELLA 8KA 340 843-011
6000 mm	0340 843 021	HELLA 8KA 340 843-021



Main supply line

EasyConn 15-wire

12 x 1,0 mm²/3 x 2,5 mm² with two 15-pole EasyConn socket housings, fully assembled and moulded, without additional outgoing lines

approved for vehicles in accordance with GGVS/ADR

Length	Order no.	Comparative no.
10000 mm	0340 815 011	HELLA 8KA 340 815-011
12000 mm	0340 815 021	HELLA 8KA 340 815-021
15500 mm	0340 815 001	HELLA 8KA 340 815-001



Main supply line

EasyConn 10-wire

8 x 1,0 mm²/2 x 2,5 mm² with two 15-pole EasyConn socket housings, fully assembled and moulded, without additional outgoing lines

approved for vehicles in accordance with GGVS/ADR

Length	Order no.	Comparative no.
9000 mm	0340 816 001	HELLA 8KA 340 816-001
12000 mm	0340 816 011	HELLA 8KA 340 816-011





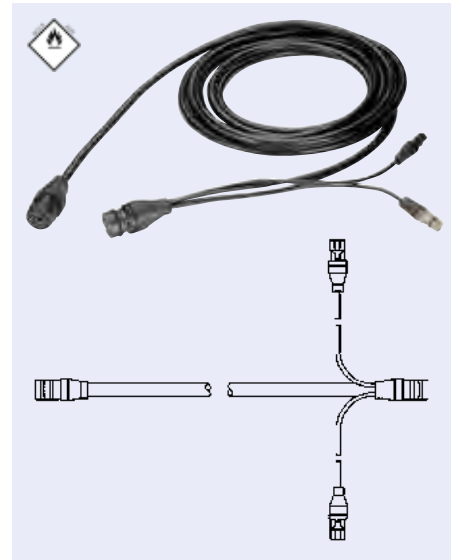
Main supply line

EasyConn 15-wire with additional outgoing lines

12 x 1,0 mm²/3 x 2,5 mm² with two 15-pole EasyConn socket housings, fully assembled and moulded, with two 300 mm long outgoing lines each with a 2-pole EasyConn socket housing (1 x brown for right-hand tail light, 1 x black for left-hand tail light)

Length 15500 mm

approved for vehicles in accordance with GGVS/ADR



Order no.	Comparative no.
0340 817 011	HELLA 8KA 340 817-011



Supply cable

Number of poles 15
 Version with 2 x 15-pole EasyConn contact housings, overmoulded
 Length 100 mm
 Cross-section 12 x 1,5/3 x 2,5 mm²

approved for vehicles in accordance with GGVS/ADR



Order no.	Comparative no.
0340 900 021	HELLA 8KA 340 900-021



Supply cable

approved for vehicles in accordance with GGVS/ADR



This figure corresponds to 0340 899 101

Version	Length	Order no.	Comparative no.
with 2-pole EasyConn pin housing	1000 mm	0340 899 101	HELLA 8KA 340 899-101
with 2-pole EasyConn pin housing and EasyConn socket housing, overmoulded	10000 mm	0340 899 111	HELLA 8KA 340 899-111



Rear adapter line EasyConn

with 15-pole EasyConn contact housing, outgoing to two 7-wire lines (each 1300 mm long), with 7-pole EasyConn socket housing (for rear lights) as well as with three per side 2-pole EasyConn contact housings (e.g. for number plate lights, rubber arm lights and side marker light chains), connected through three lines (2 x 0,5 mm²) each side, with a cable length of 500 mm between the individual contact housings

suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

approved for vehicles in accordance with GGVS/ADR

Order no.

0340 819 001

Comparative no.

HELLA 8KA 340 819-001



Rear adapter line EasyConn

with 15-pole EasyConn pin housing outgoing to two 7-core cables (each 3000 mm long) with 7-pole EasyConn socket housing (for tail lights) and with a 2-pole EasyConn pin housing on each side (e.g. for side marker lights chain), one of which is tightly closed with a sealing cap, connected by a 3000 mm long flat cable (2 x 1,5 mm²) on each side (e.g. for a clearance light with Quick-Link wiring)

suitable for main supply lines of the series 8KA 340 815-..., 8KA 340 816-... and 8KA 340 817-...

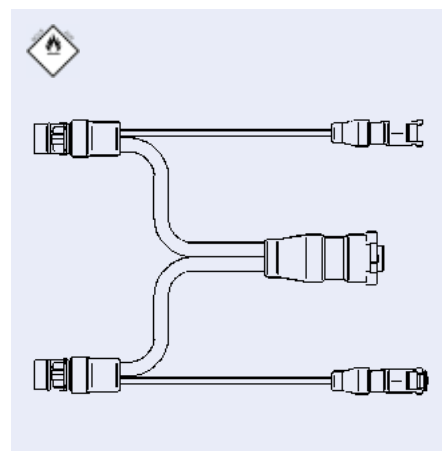
approved for vehicles in accordance with GGVS/ADR

Order no.

0340 819 041

Comparative no.

HELLA 8KA 340 819-121



Flat cable EasyConn for side marker and position lights

supply line (2 x 1,5 mm²), for connection of side marker lights with reflectors and position lights by Quick-Link cabling or cutting and crimping techniques, with 2-pole EasyConn socket housing and shrink-fit end caps

Length 6000 mm

approved for vehicles in accordance with GGVS/ADR

Order no.

0340 822 071

Comparative no.

HELLA 8KA 340 822-071



Helical cable EasyConn

adapter cable, 8-wire (7 x 1 mm²/1 x 2,5 mm²), with 3000 mm long spiral cable, with 15-pole EasyConn contact housing and 15-pole EasyConn socket housing, fully assembled and moulded, can be used as adapter cable between the main supply cable and the rear or front adapter cable

approved for vehicles in accordance with GGVS/ADR

Order no.

0340 845 001

Comparative no.

HELLA 8KA 340 845-031





Intermediate adapter line

EasyConn

adapter line 15-wire (12 x 1,0 mm²/3 x 2,5 mm²), 500 mm long, with 15-pole EasyConn contact housing and 15-pole socket housing with two outgoing lines (each 300 mm long) on the side of the 15-pole EasyConn socket housing, each with a 2-pole EasyConn contact housing (1 x red for brake light and 1 x purple for reversing light)
approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 846 001	HELLA 8KA 340 846-001



Y-adapter line

EasyConn

2-wire (2 x 0,5 mm²), with 2-pole EasyConn contact housing and two 150 mm long outgoing lines, with one 2-pole EasyConn contact housing and one 2-pole EasyConn socket housing
approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 859 001	HELLA 8KA 340 859-001

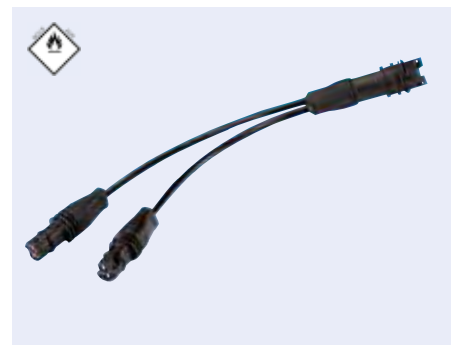


Y-adapter line

EasyConn

2-wire (2 x 0,5 mm²), with 2-pole EasyConn contact housing and two 150 mm long outgoing lines each with a 2-pole EasyConn socket housing
approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 859 011	HELLA 8KA 340 859-011



Adapter cable

Version with DIN/ISO 12098 connector and 15-pole EasyConn angled plug
 Length 3500 mm

Order no.	Comparative no.
0340 031 001	HELLA 8KA 340 031-001



Adapter cable

Version with 2-pole EasyConn socket pin housing and 2-pole AMP connector
 Length 1000 mm

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 852 051	HELLA 8KA 340 852-051





Adapter cable

Version with 2-pole EasyConn pin housing and 2-pole DT connector, overmoulded
 Length 1300 mm
 Cross-section 2 x 1 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 854 121	HELLA 8KA 340 854-121



Adapter cable

Version with 15-pole EasyConn connector set with 2 x 7-pole DIN bayonet and in each case 3 x AMP Superseal connector outlets with 500 mm cable, overmoulded
 Length 2000 mm
 Cross-section 6 x 1 + 1 x 1,5 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 819 431	HELLA 8KA 340 819-431



Adapter cable

Version with EasyConn service set II, 2 x 15-pole socket housing with 500 mm cable, 4-pole DIN bayonet outlet
 Length 15000 mm
 Cross-section 8 x 1 + 2 x 2,5 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 817 361	HELLA 8KA 340 817-361



Harness

for connection to the EasyConn system

Version	Order no.	Comparative no.
2-pole line FLRY (2 x 1 mm ²)	0340 009 001	HELLA 8KL 340 009-001
7-pole cable FLRY (6 x 1/1 x 1,5 mm ²)	0340 412 002	HELLA 8KL 340 412-001



Harness

Version 2-pole
 Connection EasyConn EC NG
 Length 6000 mm
 Cross-section 1 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 854 101	HELLA 8KA 340 854-101





Harness

Connection EasyConn 2 x EC NG
 Length 2000 mm
 Cross-section 1 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 899 121	HELLA 8KA 340 899-121



Harness

Version 15-pole
 Connection EasyConn
 Length 100 mm
 Cross-section 1,5-2,5 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 815 121	HELLA 8KA 340 815-121



Harness

Version 15-pole
 Connection EasyConn
 Length 16500 mm

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 816 041	HELLA 8KA 340 816-041



Harness

Version 2-pole
 Connection EasyConn
 Length 6000 mm
 Cross-section 1 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 852 021	HELLA 8KA 340 852-021



Harness

Version 15-pole
 Connection EasyConn II
 Length 15500 mm
 Cross-section 1-2,5 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 815 601	HELLA 8KA 340 815-601





Harness

Application range

for connection to the EasyConn system

Scope of supply

with cable ties and the corresponding number of contacts (2.7../15) (male spade connector or female spade connector)

Number of poles	Cross-section	Order no.	Comparative no.
2	0,5 mm ²	0340 055 021	HELLA 8KL 340 055-021
4	1 mm ²	0340 403 011	HELLA 8KL 340 403-011
7	2,5 mm ²	0340 054 001	HELLA 8KL 340 054-001
10	2,5 mm ²	0340 093 011	HELLA 8KL 340 093-011
15	12 x 1/3 x 2,5 mm ²	0340 059 001	HELLA 8KL 340 059-001



Adapter for cable

Connection 7S/7N EasyConn

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 818 021	HELLA 8KA 340 818-021



Adapter for cable

Version 15-pole

Form Y

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 864 011	HELLA 8KA 340 864-011



Cable set for rear light

Version 7-pole

Connection EasyConn 1 x 7

Cross-section 1-1,5 mm²

approved for vehicles in accordance with GGVS/ADR

Length	Order no.	Comparative no.
1550 mm	0340 826 211	HELLA 8KA 340 826-211
2550 mm	0340 826 201	HELLA 8KA 340 826-201





Cable set for rear light

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 843 101	HELLA 8KA 340 843-101



Cable set for rear light

Connection EasyConn 2 x 7
Length 1500/2500 mm
Cross-section 1-1,5 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 819 191	HELLA 8KA 340 819-191



Cable set for rear light

Connection EasyConn 1 x 15, EasyConn 2 x 7

approved for vehicles in accordance with GGVS/ADR

Length	Cross-section	Order no.	Comparative no.
3000/3000 mm	1-1,5 mm ²	0340 819 211	HELLA 8KA 340 819-211
3000/3000/15000 mm	1 mm ²	0340 819 231	HELLA 8KA 340 819-231



Cable set for rear light

Connection DIN 2 x 7, EasyConn II 1 x 15
Length 2000/2000 mm
Cross-section 1-1,5 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 819 421	HELLA 8KA 340 819-421





Combination distributor EasyConn

with integral number plate lighting to accept the number plate, with one 15-pole, five 7-pole and six 2-pole EasyConn connections for all lighting technology functions, with separate fused lighting circuit

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 060 251	HELLA 8JE 340 060-251

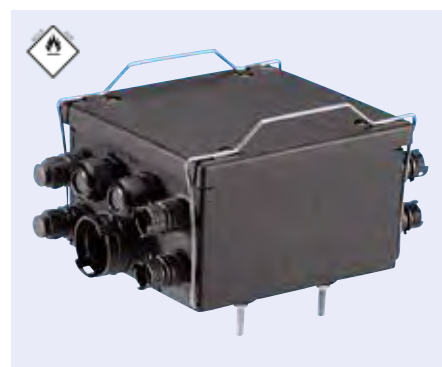


Distributor box EasyConn

with a 15-pole EasyConn connection for the main supply, two 7-pole EasyConn connections for tail lights, eight 2-pole EasyConn connections, e.g. for side marking lights, clearance lights or special functions, as well as four M20 cable glands, fully wired via connector block

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 867 011	HELLA 8JE 340 867-011



Front distributor EasyConn for semi-trailer

distributor box for front connection, for direct connection to the EasyConn system, with three combined sockets (1 x DIN/ISO 12098, 1 x 7-N DIN/ISO 1185 and 1 x 7-S DIN/ISO 3731), one 15-pole EasyConn connection for the main supply as well as two closed M16 cable glands

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 898 001	HELLA 8JE 340 898-001



Combination distributor

with three sockets (DIN ISO 12098 1 x 15-pole, DIN ISO 1185 1 x 7-pole, DIN ISO 3731 1 x 7-pole) and one 15-pole EasyConn connection for the main supply

Installation location front
Type surface-mounting

Application range
for direct connection to the EasyConn system

Order no.	Comparative no.
0340 898 021	HELLA 8JE 340 898-021

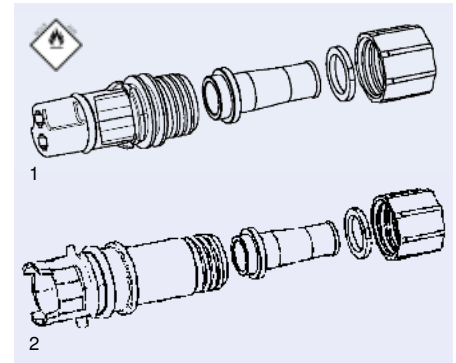




Service set

for custom wiring requirements

approved for vehicles in accordance with GGVS/ADR



Version	∅	Fig.	Order no.	Comparative no.
2-pole EasyConn socket housing	≈ 19,5 mm	1	0340 879 001	HELLA 9XX 340 879-001
2-pole EasyConn contact housing	≈ 24,5 mm	2	0340 882 001	HELLA 9XX 340 882-001

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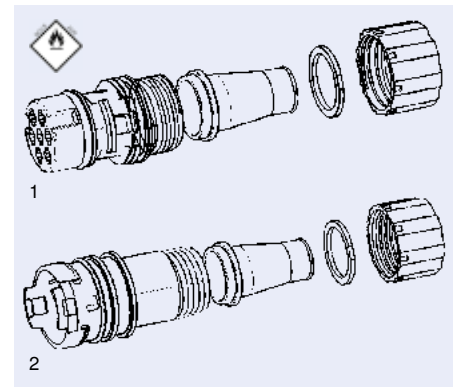
Lighting



Service set

for custom wiring requirements

approved for vehicles in accordance with GGVS/ADR



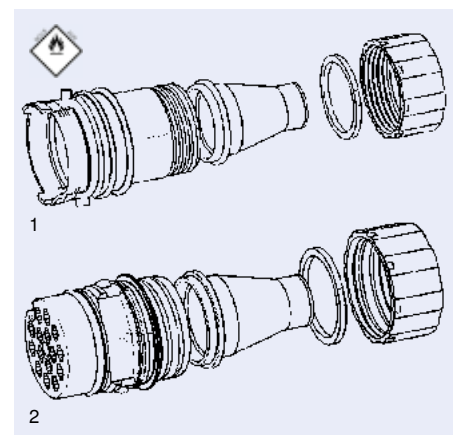
Version	∅	Fig.	Order no.	Comparative no.
7-pole EasyConn socket housing	≈ 28 mm	1	0340 880 001	HELLA 9XX 340 880-001
7-pole EasyConn contact housing	≈ 33 mm	2	0340 883 001	HELLA 9XX 340 883-001



Service set

for custom wiring requirements

approved for vehicles in accordance with GGVS/ADR



Version	∅	Fig.	Order no.	Comparative no.
15-pole EasyConn contact housing	≈ 44 mm	1	0340 884 001	HELLA 9XX 340 884-001
15-pole EasyConn socket housing	≈ 39 mm	2	0340 881 001	HELLA 9XX 340 881-001



Control unit for LED indicator failure control

Version with 15-pole EasyConn pin housing and 15-pole socket housing, overmoulded
Voltage 24 V
Cross-section 12 x 1,5 + 3 x 2,5 mm²
Cable length 1300 m

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0009 552 041	HELLA 5DS 009 552-041



LED control unit for direction indicators

own power supply not necessary

Connection 15-pole EasyConn contact housing and socket housing with cable
Voltage 24 V
Protection class IP6K9K

Application range
for trailer

approved for vehicles in accordance with GGVS/ADR
with EMC approval

Order no.	Comparative no.
0009 552 001	HELLA 5DS 009 552-001



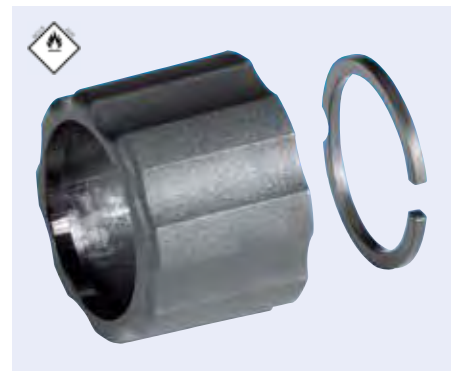
Security set

for the additional securing of EasyConn plug connections under a high tensile load

Scope of supply
sliding ring and union nut

approved for vehicles in accordance with GGVS/ADR

suitable for	Order no.	Comparative no.
2-pole EasyConn contact housing	0340 876 007	HELLA 9XX 340 876-007
15-pole EasyConn contact housing	0340 878 007	HELLA 9XX 340 878-007



Cap set

for sealing and closing of unneeded EasyConn contact housings

Scope of supply
with O-ring

approved for vehicles in accordance with GGVS/ADR

suitable for	Order no.	Comparative no.
2-pole EasyConn pin housing	0340 870 007	HELLA 9XX 340 870-007
7-pole EasyConn pin housing	0340 871 007	HELLA 9XX 340 871-007
15-pole EasyConn pin housing	0340 872 007	HELLA 9XX 340 872-007





Sealing cap for 2-pole EasyConn socket housing

for sealing and closing of unneeded EasyConn socket housings
approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 812 007	HELLA 9HV 340 812-007



7

Lighting



Plug housing

Number of poles 15
Ø 39 mm

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 981 001	HELLA 9XX 340 981-001



Socket housing

Number of poles 15
Ø 44 mm

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 984 001	HELLA 9XX 340 984-001



LED end-outline marker lamp

Flatpoint I

Version	with reflector and protective casing
Installation location	front
Installation side	left/right
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	96 mm
Height	31 mm
Depth	72 mm
Cable length	500 mm
Type	flush-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

9085 516 570



LED end-outline marker lamp

Flatpoint I

Version	with reflector and 90° mounting bracket
Installation location	front
Installation side	left/right
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	96 mm
Height	58 mm
Depth	76 mm
Cable length	500 mm
Type	surface-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

8831 661 407



LED end-outline marker lamp

Flatpoint I

Version	with protective casing and angle bracket 90°
Installation location	front
Installation side	left/right
Voltage	24 V
Connection	with rubber grommet 90°
Width	95 mm
Height	31 mm
Depth	74,3 mm
Type	surface-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

8821 660 000



Accessories

Description	Order no.
Lens	8821 660 001

LED end-outline marker lamp**Posipoint II**

direct cable exit

Voltage	12/24 V
Connection	P+R plug
Width	81,4 mm
Height	24,3 mm
Depth	20,5 mm
Cable length	500 mm
Colour	clear

Scope of supply

without mounting sleeves

approved for vehicles in accordance with ADR zone 2

Order no.

9060 004 007

**LED end-outline marker lamp****Posipoint II**

Installation location	front
Installation side	left/right
Voltage	12/24 V
Connection	cable with Aspöck P+R plug
Width	81,4 mm
Height	24,3 mm
Depth	20,5 mm
Cable length	3500 mm
Type	surface-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

9060 055 230

**LED end-outline marker lamp****Unipoint I**

Version	with reflector
Installation location	front, top
Installation side	left/right
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	119 mm
Height	44 mm
Depth	18 mm
Cable length	1500 mm
Type	surface-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

8831 770 404



LED end-outline marker lamp

Unipoint I

Version	with reflector
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	119 mm
Height	44 mm
Depth	18 mm
Cable length	500 mm
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

8831 770 401



End-outline marker lamp

Flexipoint I

Installation side	left/right
Voltage	12 V
Width	67 mm
Height	100 mm
Depth	56 mm
Colour	clear

Scope of supply
with bracket

Order no.

8812 755 171



End-outline marker lamp

Flexipoint

Version	with reflector
Bulb type	C5W
Voltage	12 V
Connection	Aspöck DC connection system
Width	65 mm
Height	44 mm
Depth	23 mm
Cable length	500 mm
Colour	clear

Order no.

8831 650 902



LED side marker light Flatpoint I

Installation side	left/right
Voltage	24 V
Connection	bayonet connection
Width	100 mm
Height	34 mm
Depth	76 mm
Colour	yellow

Version	Type	Order no.
with protective casing	flush-mounting	8840 203 408
with 90° mounting bracket	surface-mounting	8840 203 407



LED side marker light Flatpoint I

Version	with reflector and protective casing
Installation side	left/right
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	106 mm
Height	34 mm
Depth	76 mm
Type	flush-mounting
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.
500 mm	8831 221 411
1500 mm	8840 203 412



LED side marker light Flatpoint I

Version	with reflector and 90° mounting bracket
Installation side	left/right
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	95 mm
Height	55 mm
Depth	74,3 mm
Type	surface-mounting
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.
500 mm	8831 221 401
1500 mm	8840 203 410



LED side marker light

Flatpoint I

Installation side	left/right
Voltage	24 V
Connection	P+R plug
Fastening	retaining bracket 90° towards front
Width	96 mm
Height	55 mm
Depth	78 mm
Cable length	1000 mm
Type	bodywork
Colour	yellow

Scope of supply

without mounting sleeves

approved for vehicles in accordance with ADR zone 2

Order no.
8812 755 153

Accessories

Description	Order no.
Lens	9085 515 330



7

Lighting

LED side marker light

Flatpoint II

Version	with reflector
Installation side	left/right
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	102 mm
Height	46 mm
Depth	17 mm
Type	surface-mounting
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.
500 mm	9060 023 400
1500 mm	9060 230 400



LED side marker light

Flatpoint II

Installation side	left/right
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	102 mm
Height	46 mm
Depth	17 mm
Cable length	500 mm
Type	surface-mounting
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Version	Order no.
with reflector and angle bracket 90° towards front	9060 236 410
with reflector and angle bracket 90° towards rear	9060 236 000



LED side marker light**Flatpoint II**

direct cable exit

Version	with reflector	Height	45 mm
Installation side	left/right	Depth	5 mm
Voltage	12 V	Cable length	500 mm
Connection	DC system	Type	flush-mounted
Width	102 mm	Colour	yellow

approved for vehicles in accordance with ADR zone 2

Order no.

9060 552 774

**LED side marker light****Flatpoint II**

Voltage	24 V
Cable length	1500 mm
Type	surface-mounting

Order no.

9067 552 278

**LED side marker light****Flatpoint II**

Voltage	24 V
Connection	ASS 3-pole connector, direct cable exit
Type	surface-mounting
Colour	yellow

approved for vehicles in accordance with ADR zone 2

Order no.

9067 552 839

**LED side marker light****Unipoint I**

Version	with reflector
Installation side	left/right
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	119 mm
Height	44 mm
Depth	18 mm
Type	flush-mounting
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Cable length

Order no.

500 mm

8831 210 401

1500 mm

9067 553 521



LED side marker light

Unipoint I

Version	with reflector and angled bracket 90° towards rear
Installation side	left/right
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	119 mm
Height	44 mm
Depth	18 mm
Cable length	500 mm
Type	surface-mounting
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Order no.

9067 553 552



LED side marker light

Unipoint I

Voltage	24 V
Colour	yellow

approved for vehicles in accordance with ADR zone 2

Connection	Cable length	Order no.
ASS 3-pole connector	500 mm	9067 552 484
ASS 3-pole connector	1500 mm	9067 552 527
ASS 3-pole connector on cable	1500 mm	9067 552 483



LED side marker light

Unipoint I

Version	with reflector
Installation side	left/right
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	119 mm
Height	44 mm
Depth	18 mm
Distance between holes	70 mm
Cable length	500 mm
Type	flush-mounted
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Order no.

9067 553 522



LED side marker light

Unipoint I

Installation side	left/right
Voltage	24 V
Connection	P+R plug
Width	119 mm
Height	74 mm
Depth	40 mm
Colour	yellow

Scope of supply

without mounting sleeves

approved for vehicles in accordance with ADR zone 2

Order no.

8831 206 473



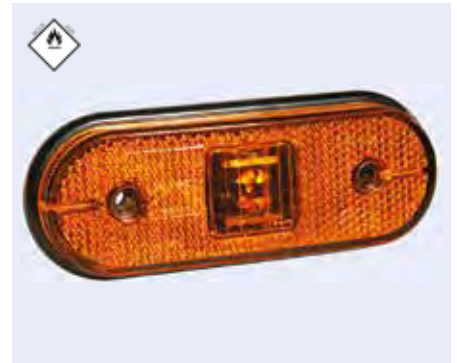
LED side marker light**Unipoint I**

Voltage	24 V
Width	119 mm
Height	44 mm
Depth	16 mm
Distance between holes	70 mm
Type	flush-mounted
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Order no.

8821 200 000

**LED side marker light****Unipoint I**

Installation side	left/right
Voltage	24 V
Connection	P+R plug
Width	119 mm
Height	74 mm
Depth	40 mm
Cable length	500 mm
Colour	yellow

Scope of supply

without mounting sleeves

approved for vehicles in accordance with ADR zone 2

Order no.

8831 206 471

**LED side marker light****Unipoint I**

Installation side	left/right
Voltage	24 V
Connection	ASS bayonet, 2-pole
Width	119 mm
Height	79 mm
Depth	65 mm
Colour	yellow

Scope of supply

without cable

approved for vehicles in accordance with ADR zone 2

Order no.

8821 200 002

**LED side marker light****Unipoint I**

Installation side	left/right
Voltage	24 V
Connection	P+R plug
Fastening	with bracket towards rear
Colour	yellow

Scope of supply

without mounting sleeves

approved for vehicles in accordance with ADR zone 2

Order no.

4531 206 421



LED side marker light

Unipoint I

Version with reflector and angled bracket 90° towards rear
 Installation side left/right
 Voltage 24 V
 Connection cable with Aspöck P+R plug
 Width 119 mm
 Height 44 mm
 Depth 18 mm
 Cable length 1500 mm
 Type bodywork
 Colour yellow

approved for vehicles in accordance with GGVS/ADR

Order no.

8831 206 403



LED side marker light

Unipoint I

Version with angle bracket 90° towards the rear, connection for union nut and grommet
 Voltage 24 V
 Length 119 mm
 Width 44 mm
 Depth 40 mm
 Type bodywork
 Colour yellow

Order no.

8821 200 001



LED side marker light

Installation side left/right
 Voltage 24 V
 Connection with Aspöck P+R plug
 Width 110 mm
 Height 38 mm
 Colour yellow



Version	Cable length	Order no.
with reflector, 55 mm angle bracket and cable	500 mm	8840 203 417
with reflector, 77 mm angle bracket and cable	1500 mm	8840 203 414

LED side marker light

Flatpoint I

with rubber underlay
 Voltage 12 V
 Connection grommet, straight
 Type flush-mounted
 Colour yellow

Order no.

9067 552 132



Side marker light

Sidepoint

Version	with reflector
Installation side	left/right
Bulb type	T4W
Voltage	24 V
Connection	with cable and Aspöck P+R plug
Fastening	retaining bracket 90° downwards
Width	95 mm
Height	30 mm
Depth	61 mm
Distance between holes	70 mm
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.
500 mm	8840 203 419
1500 mm	8840 203 420



LED rear light

ECOLED

Version	with indicator, brake, rear fog, reversing, taillight and side marker light, triangular reflector
Voltage	24 V
Connection	compact connector ASS2
Width	350 mm
Height	130 mm
Depth	71 mm
Type	surface-mounting
Protection class	IP69K
Colour	red/clear

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.
left	4500 290 211
right	4500 290 212



LED rear light

ECOLED, Kögel, with rubber arm

Version	with indicator, brake, rear fog, reversing and tail light, triangular reflector and rubber arm light
Voltage	24 V
Connection	connector system ASS2, 1 x 7-pole, 2 x 2-pole
Width	473,2 mm
Height	131,8 mm
Depth	71 mm
Type	surface-mounting
Protection class	IP69K
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.
left	4500 290 511
right	4500 290 512





LED rear light

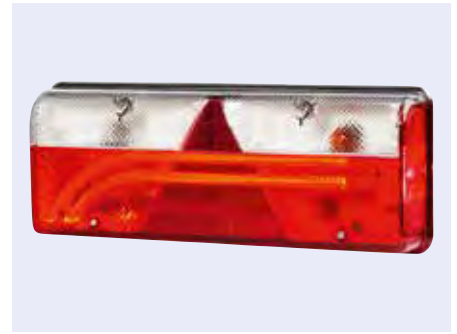
Europoint III

possibility to directly attach at an additional LED clearance lamp, pre-wired

Voltage	24 V
Width	400 mm
Height	153 mm
Depth	88 mm
Light colour	red/clear/yellow
Lens colour	red/clear

Application range

particularly for heavy trailers



Version	Installation side	Connection	Order no.
with indicator, brake, rear fog, reversing, side marker and parking light, triangular reflector	left	ASS4, 7-pole	9067 553 043
with indicator, brake, rear fog, reversing, side marker and parking light, triangular reflector	right	ASS4, 7-pole	9067 553 044
with indicator, brake, rear fog, reversing, side marker and parking light, triangular reflector	right	ASS2, 4 x 2-pole	6097 553 046
with indicator, brake, rear fog, reversing, side marker and parking light, triangular reflector and Superpoint IV cross circuit rubber arm light	left	ASS4, 7-pole	9067 553 041
with indicator, brake, rear fog, reversing, side marker and parking light, triangular reflector and Superpoint IV cross circuit rubber arm light	right	ASS4, 7-pole	9067 553 042

Accessories

Description	Order no.
Lens, left	9067 553 049
Lens, right	9067 553 050
Light strip, left	9067 553 047
Light strip, right	9067 553 048
Accessories set, left, yellow	9060 552 238
Accessories set, right, green	9060 552 237

You can find LED elements and other Europoint tail lights in the section "Lamps".

Rear light

Europoint II

Version	with indicator, brake, rear fog, tail, reversing and side marker light, triangular reflector and rubber arm light
Voltage	24 V
Connection	7-pin connecting plug
Length	420 mm
Width	148 mm
Height	85 mm
Type	surface mounted
Colour	red/clear/yellow

Scope of supply

with bulbs

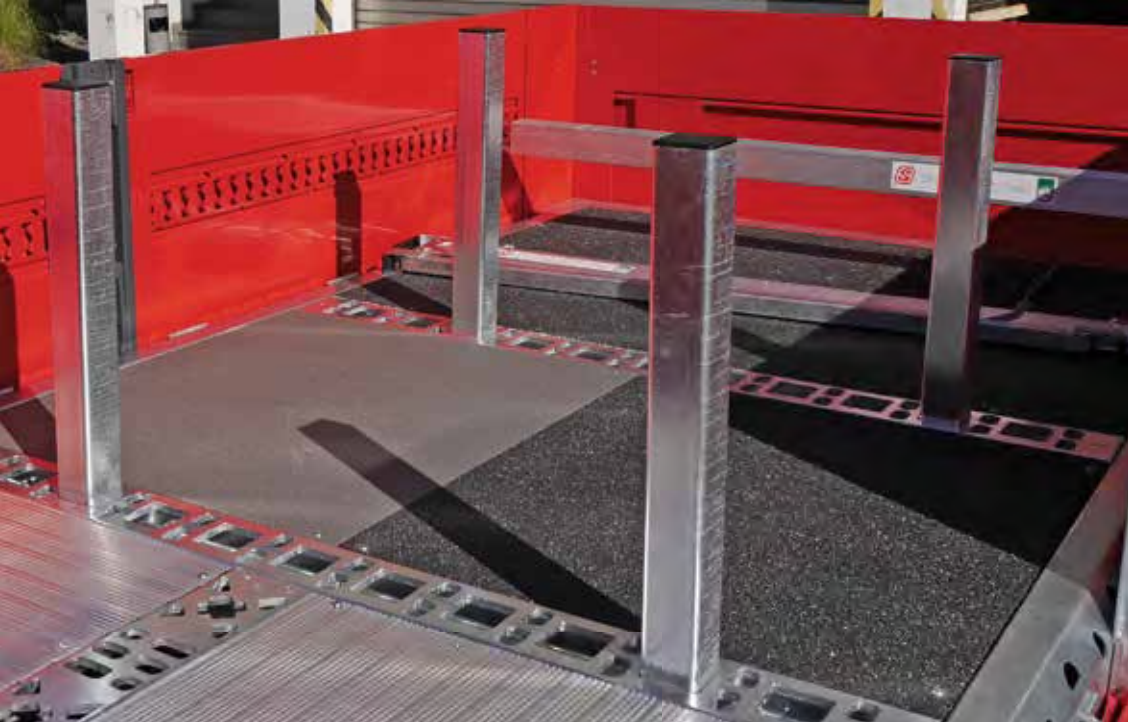
approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.
left	8825 600 050
right	8825 640 050

Accessories

Description	Order no.
Lens	8818 856 000





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Ladungssicherung ohne verzurren.

Load securing at any point of the vehicle body:

- MultiSave crossmember
- MultiStick 70 plug-in pillar
- Multi-X floor lashing track



Europoint III
The lamp with „Light guide“.

CARGOTRAIL

The floor frame SSP3 -
one platform suitable for all
body variants



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42929 Wermelskirchen

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Rear light Europoint II

Version	with indicator, stop, rear fog, reversing, side marker, parking and clearance light, triangular reflector
Voltage	24 V
Connection	connector system ASS2
Width	420 mm
Height	148 mm
Depth	85 mm

approved for vehicles in accordance with ADR

Installation side	Order no.
left	1275 520 790
right	1275 520 800

Accessories

Description	Order no.
Lens, left	9068 528 002
Lens, right	9068 529 002
Cover cap with additional exits	9065 276 007



Rear light Europoint

Voltage	24 V
Connection	compact connector ASS1
Fastening	2 x M8
Pin spacing	152 mm
Width	420 mm
Height	149 mm
Depth	77 mm
Type	surface-mounted, horizontal
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR



Version	Installation side	Order no.
with indicator, brake, licence plate, rear fog, reversing, taillight and side marker light, triangular reflector and rubber arm light	left	9500 005 234
with indicator, brake, rear fog, reversing, taillight and side marker light, triangular reflector and rubber arm light	left	9500 005 232
with indicator, brake, rear fog, reversing, taillight and side marker light, triangular reflector and rubber arm light	right	9500 005 236

Accessories

Description	Order no.
Lens filter	8890 082 000

Rear light Europoint

Version with indicator, stop, tail, rear fog, reversing, side marker and clearance light, triangular reflector
 Voltage 24 V
 Connection PG screw fitting
 Fastening 2 x M8
 Width 420 mm
 Height 149 mm
 Depth 77 mm
 Pin spacing 152 mm
 Type surface-mounted, horizontal
 Colour red/clear/yellow

approved for vehicles in accordance with GGVS/ADR



This figure corresponds to 8890 082 000

Installation side	Order no.
left	6229 629 510
right	6229 629 520

Accessories

Description	Order no.
Lens Schmitz version	8840 226 113
Lens filter	8890 082 000
Cover cap, plastic	9080 051 583

Rear light Europoint I

Version with indicator, stop, tail, rear fog, reversing, side marker light and clearance light, triangular reflector
 Voltage 24 V
 Connection cable feedthrough with cable
 Fastening 2 x M8
 Width 420 mm
 Height 149 mm
 Depth 77 mm
 Pin spacing 152 mm
 Type surface-mounted, horizontal
 Colour red/clear/yellow

Scope of supply
with 24 V bulbs

Installation side	Order no.
left	6229 628 550
right	6229 628 560

Accessories

This figure corresponds to 8890 082 000

Description	Order no.
Lens Schmitz version	8840 226 113
Lens filter	8890 082 000
Cover cap, plastic	9080 051 583



Rear light Ecopoint II

Version	with indicator, brake, rear fog, reversing and tail light, triangular reflector and rubber arm light
Voltage	24 V
Connection	connector system ASS2, 1 x 7-pole, 2 x 2-pole
Width	471,20 mm
Height	135 mm
Depth	85 mm
Type	surface-mounting
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.
left	4500 290 411
right	4500 290 412

Accessories

Description	Order no.
Lens, left	4500 290 121
Lens, right	4500 290 122



Rear light Ecopoint I

Voltage	24 V
Connection	compact connector ASS1
Width	343 mm
Height	139 mm
Depth	79 mm
Type	surface-mounted, horizontal
Light colour	red/clear/yellow
Lens colour	red/clear

Scope of supply

with 24 V bulbs

approved for vehicles in accordance with GGVS/ADR

Version	Installation side	Order no.
with indicator, brake, rear fog, reversing and tail light, triangular reflector	left	8840 246 211
with indicator, brake, rear fog, reversing and tail light, triangular reflector	right	8840 246 212
with indicator, brake, licence plate, rear fog, reversing, taillight and side marker light, triangular reflector and rubber arm light	left	8840 246 313
with indicator, brake, licence plate, rear fog, reversing, taillight and side marker light, triangular reflector and rubber arm light	right	8840 246 314

Accessories

Description	Order no.
Lens	8840 246 112
LED insert, left	8840 246 500
LED insert, right	8840 246 501



Rear light Ecopoint I

Voltage	24 V
Connection	compact connector ASS1
Width	343 mm
Height	139 mm
Depth	79 mm
Type	surface-mounting
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR



Version	Installation side	Order no.
with indicator, brake, rear fog, reversing and tail light, triangular reflector	left	8840 241 211
with indicator, brake, rear fog, reversing and tail light, triangular reflector	right	8840 241 212
with indicator, brake, number plate, rear fog, reversing and tail light, triangular reflector	left	8840 241 213
with indicator, brake, rear fog, reversing, taillight and side marker light, triangular reflector and rubber arm light	left	8840 246 311
with indicator, brake, rear fog, reversing, taillight and side marker light, triangular reflector and rubber arm light	right	8840 246 312

Accessories

Description	Order no.
Lens	8840 241 112

Rear light Ecopoint I

Version	with indicator, stop, rear fog, licence plate lighting, reversing and parking light, with triangular reflector
Voltage	24 V
Connection	ASS bayonet
Width	344 mm
Height	140 mm
Depth	78 mm

approved for vehicles in accordance with ADR zone 2

Installation side	Order no.
left	8812 755 168
right	8812 755 169



Rear light MINIPOINT

Version	with indicator, stop, tail and licence plate light
Installation side	left/right
Voltage	12 V
Connection	Cable grommet
Fastening	2 x M5
Width	99 mm
Height	93 mm
Depth	49 mm
Pin spacing	45 mm
Type	surface-mounting
Colour	red/yellow

Order no.
8840 202 556



LED clearance light Superpoint II

Version with side marker light
Voltage 24 V
Colour red/clear/yellow

approved for vehicles in accordance with ADR zone 2

Order no.

8831 390 405



LED clearance light Superpoint III

Version with side marker light
Voltage 24 V
Connection ASS 2
Width 173 mm
Height 104 mm
Depth 64 mm
Cable length 1750 mm
Colour red/clear/yellow

approved for vehicles in accordance with ADR zone 2

Installation side	Order no.
left	9933 305 017
right	9933 306 017



LED clearance light Superpoint III

Version with side marker light
Voltage 24 V
Connection P+R plug
Width 173 mm
Height 104 mm
Depth 64 mm
Cable length 1500 mm
Colour red/clear/yellow

Installation side	Order no.
left	9502 710 346
right	9502 710 347



LED clearance light Superpoint III

Version	with side marker light	Width	47 mm
Installation location	rear	Height	98,6 mm
Installation side	left/right	Depth	64 mm
Voltage	24 V	Type	surface-mounting
Fastening	2 holes	Colour	red/clear/yellow
Distance between holes	77 mm		

approved for vehicles in accordance with GGVS/ADR

Order no.

9063 364 007



LED clearance light Superpoint III

Version	with side marker light
Installation location	rear
Voltage	24 V
Connection	cable with Aspöck P+R plug
Fastening	2 holes, 6 mm
Distance between holes	78,4 mm
Width	47 mm
Height	104 mm
Depth	173 mm
Cable length	1250 mm
Type	surface-mounting
Light colour	red/clear/yellow
Lens colour	clear

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.
left	9065 521 460
right	9065 521 470



LED clearance light Superpoint III

Version	with side marker light
Installation side	left/right
Voltage	24 V
Cable length	500 mm
Light colour	red/clear/yellow
Lens colour	clear

Order no.
9067 553 338



LED clearance light Superpoint III

Version	with side marker light
Voltage	24 V
Connection	ASS 3 on cable
Cable length	250 mm
Type	surface-mounting
Colour	red/clear/yellow

Order no.
9067 552 400



LED clearance light Superpoint III

Version	with side marker light, short version
Installation side	left/right
Voltage	24 V
Connection	P+R plug
Light colour	red/clear/yellow
Lens colour	clear

Order no.
9067 552 264





Clearance light

Superpoint II

flexible mounting arm

Bulb type	T4W
Voltage	24 V
Connection	cable with Aspöck P+R plug
Socket	BA 9 s
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Version	Installation side	Width	Height	Cable length	Fig.	Order no.
with side marker light	left	169 mm	169 mm	1250 mm	1	8831 340 401
with side marker light	right	169 mm	169 mm	1250 mm	1	9067 551 710
with side marker light, short version	left/right	128 mm	100 mm	1500 mm	2	8831 370 408

Accessories

Description	Fig.	Order no.
Lens	3	8818 813 600

Clearance light

Superpoint II

Version	short, with side marker light
Voltage	24 V
Connection	P+R plug
Width	128 mm
Height	100 mm
Depth	45 mm
Colour	red/clear/yellow

approved for vehicles in accordance with ADR zone 2

Order no.
8812 755 159



Clearance light

Flexipoint II

Version	with grommet
Bulb type	C5W
Connection	DC connector
Voltage	12 V
Width	39,2 mm
Height	123 mm
Depth	29,3 mm
Colour	red/clear
Housing colour	black

Order no.
4500 036 004



LED position light

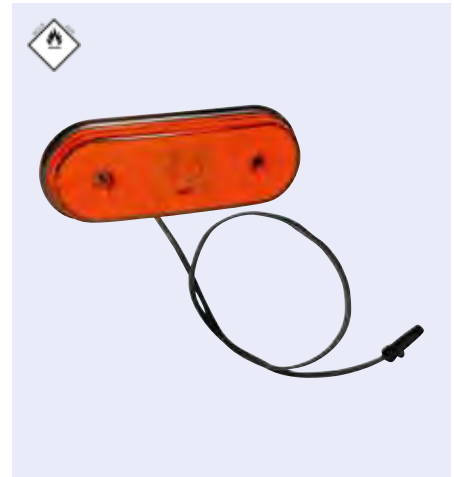
Unipoint I

Version	with reflector
Installation location	rear, top
Voltage	24 V
Connection	cable with Aspöck P+R plug
Fastening	2 holes, 5 mm
Distance between holes	70 mm
Width	119 mm
Height	44 mm
Depth	19 mm
Cable length	3500 mm
Type	surface-mounting
Colour	red

approved for vehicles in accordance with GGVS/ADR

Order no.

8831 780 406



LED position light

Unipoint I

Version	with reflector
Voltage	24 V

approved for vehicles in accordance with ADR zone 2

This figure corresponds to 9067 552 750

Connection	Cable length	Order no.
bayonet connection		9060 052 093
ASS 3-pole connector, direct cable exit	500 mm	9067 552 750
ASS 3-pole connector, direct cable exit	1500 mm	9067 552 615



LED position light

Unipoint I

Version	with reflector
Voltage	24 V
Connection	cable with Aspöck P+R plug
Width	119 mm
Height	44 mm
Depth	18 mm
Cable length	500 mm
Colour	red

approved for vehicles in accordance with GGVS/ADR

Order no.

8831 780 401



LED position light

Monopoint II

Voltage	12/24 V
Connection	with open cable
Ø	38 mm
Depth	29 mm
Cable length	200 mm
Colour	clear

Order no.

9067 553 337



LED position light**Monopoint II**

flat version

Installation side	left/right
Voltage	12/24 V
Connection	P+R plug
Ø	38 mm
Depth	29 mm
Cable length	500 mm
Colour	clear

Scope of supply

without mounting sleeves

approved for vehicles in accordance with ADR zone 2

Order no.

9067 552 186

**LED position light****Monopoint II**

Voltage	12/24 V
Connection	with open cable
Cable length	1000 mm
Type	surface-mounting
Colour	green

Order no.

9067 552 359

**LED position light****Flatpoint II**

Version	with reflector
Voltage	24 V
Connection	P+R plug
Width	102 mm
Height	46 mm
Depth	17 mm
Cable length	1500 mm
Type	flush-mounted
Colour	clear

Order no.

3410 002 897

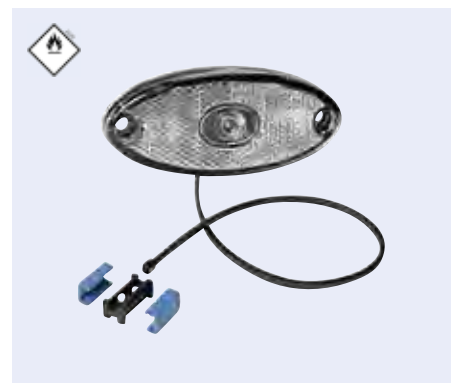
**LED position light****Flatpoint II**

Version	with reflector
Voltage	12 V
Connection	DC system to cable, direct cable exit
Width	102 mm
Height	46 mm
Depth	14 mm
Cable length	1000 mm
Colour	clear

approved for vehicles in accordance with ADR zone 2

Order no.

9067 552 202



LED position light Flatpoint II

Voltage 24 V
Number of poles 3
Cable length 1500 mm

Order no.
9067 553 120



LED position light Posipoint II

Installation location rear
Voltage 12/24 V
Fastening 2 holes
Distance between holes 57,5 mm
Width 81,5 mm
Height 24,5 mm
Depth 21 mm
Type surface mounting/flush mounting
Colour red

approved for vehicles in accordance with GGVS/ADR

Order no.
8831 720 400



Accessories

Description	Order no.
Housing	9065 520 030

LED position light Posipoint II

Voltage 12/24 V
Connection P+R plug, direct cable exit
Width 81,4 mm
Height 24,3 mm
Depth 20,5 mm
Cable length 3500 mm
Type surface-mounting
Colour red

approved for vehicles in accordance with ADR zone 2

Order no.
9067 552 305



LED numberplate lamp**Regpoint**

Voltage 12/24 V
 Cable length 1000 mm
 Colour clear

approved for vehicles in accordance with ADR zone 2

Connection	Order no.
end open	9067 552 283
P+R plug	9067 552 336

**Numberplate lamp****Regpoint**

Version with tail light
 Installation side left/right
 Bulb type C5W
 Connection PG screw fitting
 Voltage 12/24 V
 Fastening 2 x 4 x 72 mm
 Width 100 mm
 Height 60 mm
 Depth 56 mm
 Type surface-mounting
 Colour clear/red
 Housing colour black

approved for vehicles in accordance with GGVS/ADR

Order no.
8840 182 004

**Numberplate lamp****Regpoint**

Connection P+R plug
 Voltage 24 V
 Width 60 mm
 Height 100 mm
 Depth 56 mm
 Cable length 500 mm
 Colour clear

Scope of supply

without mounting sleeves

approved for vehicles in accordance with ADR zone 2

Order no.
8836 300 401



Numberplate lamp

Regpoint

Installation side	left/right	Height	60 mm
Bulb type	C5W	Depth	56 mm
Connection	PG screw fitting	Cable length	1000 mm
Voltage	12/24 V	Type	surface-mounting
Fastening	2 x M4 x 72 mm	Colour	clear
Width	100 mm	Housing colour	black

approved for vehicles in accordance with GGVS/ADR

Order no.

9067 551 713



Numberplate lamp

Regpoint

Installation side	left/right	Height	60 mm
Bulb type	C5W	Depth	56 mm
Connection	P+R	Cable length	1000 mm
Voltage	12/24 V	Colour	clear
Fastening	2 x M4 x 72 mm	Housing colour	black
Width	60 mm		

approved for vehicles in accordance with GGVS/ADR

Order no.

9067 552 857



7

Lighting



LED additional stop light

stoplight

Version	pre-assembled and wired	Depth	56 mm
Voltage	24 V	Cable length	2000 mm
Width	410 mm	Colour	red
Height	22 mm		

Application range

trucks and trailers

approved for vehicles in accordance with GGVS/ADR

Order no.

9069 000 054

Rectangular reflector

Version	self-adhesive
Colour	red
Length	90 mm
Width	40 mm

Order no.

9067 552 981



Ballast

LED Control Unit 2 (LCG2)

suitable for ECO-LED tail light

Version for brake, rear fog and parking light, without turn indicator monitoring

**one LED control unit (LCG2) will be needed per vehicle
approved for vehicles in accordance with ADR zone 2**

Order no.

9067 552 619



Supply cable

Connection 15-pole connector in accordance with ISO 12098 to 17-pole ASS3 connection LP 20,
cable 15-core

Voltage 24 V

Length 3000 mm

approved for vehicles in accordance with GGVS/ADR

Order no.

9067 552 043



Plug for trailers

Connection from 15-pole to 2 x 7-pole

Voltage 24 V

Cable length 3000 mm

Standard ISO 1185/3731

approved for vehicles in accordance with GGVS/ADR

Order no.

8850 050 001



Connection cable

Connection 7-pole ASS2

Cable length 3000 mm

Installation side

Order no.

left

8868 242 500

right

8868 242 601



Adapter plug

ASS3

needed for installation of underside protection with the new ASS3 cabling on vehicles with the older ASS1 cabling

Connection from ASS3 connector to ASS1 socket
Voltage 24 V
Cable length 300 mm

approved for vehicles in accordance with GGVS/ADR

Order no.

9065 520 650



Connection cable for Aspöck P+R system

one side with connection for the Aspöck P+R system, the other side with free cable

Connection Aspöck P+R plug, 2-pole
Voltage 24 V

Cable length	Order no.
500 mm	8868 500 000
1500 mm	8868 500 003



7

Lighting

Front distributor

ready-cabled multi-function housing with 1 each of ISO 1185, 3731 and 12098 sockets, 5 connections, 600 mm long cable and 17-pole ASS III connection

Length 247 mm
Width 175 mm
Height 120 mm
Material plastic

approved for vehicles in accordance with GGVS/ADR

Order no.

8812 755 214



Distribution box for lighting system

pre-wired, 11 reserve inputs, connection 17-pole ASS 3 LP 20 to main cable, cable 15-core, connections 2 x 7-pole bayonet connector on cable to tail lights, exits assigned (2-pole bayonet): 2 x 58L/31, 2 x 58R/31, 7 reserve inputs, cable length to tail lights 2 x 1300 mm

Voltage 24 V
Connection 14 PG glands
Width 180 mm
Height 83 mm
Depth 160 mm
Cable length 1500 mm

approved for vehicles in accordance with ADR zone 2

Order no.

9060 052 127



Distribution box

8 PG cable glands with coloured sealing plugs for all cable diameters. The clamping areas in mm and the associated colours are given on the housing. Coding of the individual contact bridges with numbers and colours according to DIN/ISO 72570. Contact placement on the inside and outside with 6,3 mm flat plug connections. The free inputs on the housing cover serve as reserve inputs for the end user.

Connection	contacts with male spade connection
Version	low cover
Width	160 mm
Height	68 mm
Length	180 mm
Material	plastic

approved for vehicles in accordance with GGVS/ADR

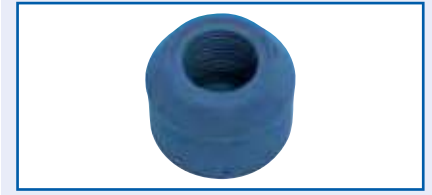
Order no.
9085 513 500



Accessories

This figure corresponds to 9060 551 399

Description	Order no.
Sealing plugs, blue, for cable \varnothing 10 mm	9060 551 399
Sealing plugs, brown, for cable \varnothing 2 x 6 mm	9060 551 397
Sealing plugs, red, for cable \varnothing 12 mm	9060 551 400
Sealing plugs, black, for cable \varnothing 6 mm	9085 513 960
Sealing plugs, clear, for cable \varnothing 8 mm	9060 551 398
Union nut, black, \varnothing 13 mm	9065 516 820



Distribution box

14 PG cable glands with coloured sealing plugs for all cable diameters. The clamping areas in mm and the associated colours are given on the housing. Coding of the individual contact bridges with numbers and colours according to DIN/ISO 72570. Contact placement on the inside and outside with 6,3 mm flat plug connections. The free inputs on the housing cover serve as reserve inputs for the end user.

Version	high cover
Length	180 mm
Width	160 mm
Height	82 mm
Connection	contacts with male spade connection
Material	plastic

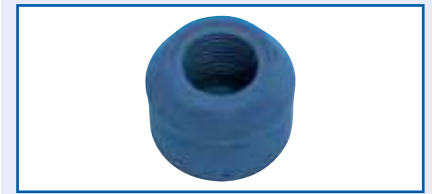
approved for vehicles in accordance with GGVS/ADR

Order no.
8850 052 000

Accessories

This figure corresponds to 9060 551 399

Description	Order no.
Sealing plugs, blue, for cable \varnothing 10 mm	9060 551 399
Sealing plugs, brown, for cable \varnothing 2 x 6 mm	9060 551 397
Sealing plugs, red, for cable \varnothing 12 mm	9060 551 400
Sealing plugs, black, for cable \varnothing 6 mm	9085 513 960
Sealing plugs, clear, for cable \varnothing 8 mm	9060 551 398
Union nut, black, \varnothing 13 mm	9065 516 820



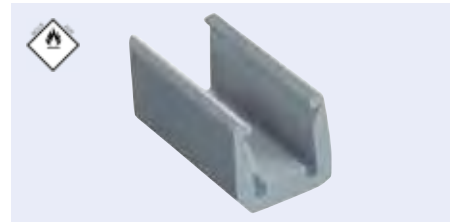
Sealing cap for Aspöck P+R connectors

Colour grey

approved for vehicles in accordance with GGVS/ADR

Order no.

8815 597 101



Accessories set for ASS1 connector system

Connection 2-pole

Colour	Order no.
yellow	9067 551 390
green	9067 551 391



Accessories set for ASS2 connector system

Connection	Colour	Order no.
2-pole	yellow	8815 626 341
2-pole	green	8815 626 351
7-pole	yellow	9060 552 238
7-pole	green	9060 552 237



Repair kit for ASS3 connector system

Length 90 mm

Width 15 mm

Height 15 mm

Version	Order no.
pin housing 17-pole	4500 073 200
socket housing 17-pole	4500 072 200

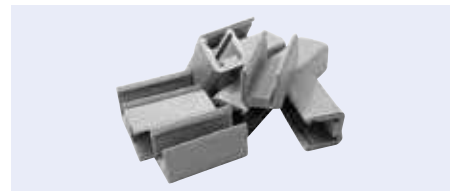


Mounting sleeve for P+R system

Contents 10 piece

Order no.

9067 551 384



Circlip pliers for Aspöck P+R connectors

The use of these pliers is absolutely compulsory for the installation of the P+R system. The clamping of the pliers is pre-set and must not be changed.

Order no.

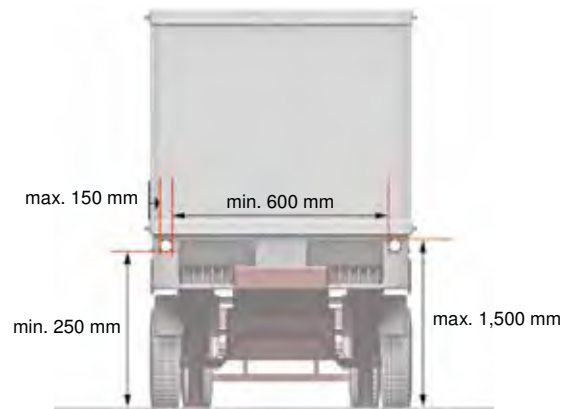
8840 203 405



Front limiting lights

ECE-R48 Section 6.9 and ECE-R7

Attachment	
ECE-R48 Section 6.9.1	Prescribed for trailers > 1.6 m wide. Permissible for trailers ≤ 1.6 m wide
Number	
ECE-R48 Section 6.9.2	2 units
Colour	
ECE-R48 Section 5.15	White
Mounting width	
ECE-R48 Section 6.9.4.1	Max. 150 mm from outermost point of the vehicle width Min. 600 mm between the two limiting lights, but min. 400 mm for vehicle widths < 1,300 mm.
Mounting height	
ECE-R48 Section 6.9.4.2	Min. 250 mm, max. 1500 mm (exception 2,100 mm only for trailers from classes O1 and O2 or if max. 1,500 mm is not possible for other trailers).
Geometric viewing angle	
ECE-R48 Section 6.9.5	Horizontal 5° inwards and 80° outwards. Vertical ± 15°, but for mounting height < 750 mm, also 5° downwards.
Electrical wiring	
ECE-R48 Section 6.9.7	Must be designed so that the limiting, tail, side marker and licence plate lights can only be switched on and off simultaneously. Can be switched off during the flashing process.
Switch-on control	
ECE-R48 Section 6.9.8	Prescribed. The control light must not flash. Not required if the lighting device of the instrument panel can only be switched on at the same time as the limiting lights.



LED end-outline marker lamp

Version	with reflector light	Height	54 mm
Installation location	front	Depth	16 mm
Voltage	12-36 V DC	Cable length	500 mm
Width	110 mm	Colour	clear

EMV approval

Order no.

5129 000 003





LED end-outline marker lamp

Version with reflector
 Installation location front
 Voltage 24 V
 Width 111,3 mm
 Height 51,3 mm
 Cable length 5000 mm
 Type surface-mounting, horizontal
 Colour clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0963 639 411	HELLA 2PG 345 600-411



LED end-outline marker lamp

Version with reflector
 Installation location front
 Installation side left/right
 Voltage 24 V
 Width 111,3 mm
 Height 51,3 mm
 Depth 20,9 mm
 Cable length 500 mm
 Type surface-mounting, horizontal
 Colour clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0963 639 401	HELLA 2PG 345 600-401



LED end-outline marker lamp

Installation location front
 Voltage 24 V
 Length 100 mm
 Height 40 mm
 Type flush-mounting, horizontal
 Colour clear

suitable for	Order no.	Comparative no.
for 20° to 30° installation positions	9260 001 054	HELLA 2PF 009 514-011
for installation positions 10° to 20°	9260 001 053	HELLA 2PF 009 514-001





LED end-outline marker lamp SMD98

Version	with reflector, cable with click-in connection for flat cable
Installation location	front
Installation side	left/right
Voltage	24 V
Connection	AMP JPT plug
Width	110 mm
Height	50 mm
Depth	18 mm
Cable length	500 mm
Type	surface-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
6210 105 000	Vignal D10500



LED end-outline marker lamp

Installation location	front
Voltage	9-33 V
Width	84 mm
Height	29 mm
Depth	9/19 mm
Type	flush-mounted
Colour	clear

Scope of supply
with gasket

Cable length	Order no.	Comparative no.
500 mm	0959 855 202	HELLA 2PF 959 855-201
2500 mm	0959 855 242	HELLA 2PF 959 855-241



LED end-outline marker lamp

Installation location	front
Voltage	12/24 V
Width	84,3 mm
Height	29,1 mm
Depth	8,8 mm
Cable length	500 mm
Type	flush-mounted
Colour	clear

EMC approval

Order no.	Comparative no.
0959 855 251	HELLA 2PF 959 855-251

Accessories

Description	Order no.	Comparative no.
Protective cap	0980 858 018	HELLA 9HD 980 858-018



LED end-outline marker lamp with 6 LEDs

Installation side	front
Voltage	24 V
Width	96 mm
Height	20 mm
Depth	6,4 mm
Cable length	200 mm
Colour	clear

Scope of supply
without angle bracket

Order no.	
	1040 000 041



LED end-outline marker lamp

Version	with reflector	Width	130 mm
Installation side	front	Height	32 mm
Voltage	24 V	Cable length	450 mm
Connection	AMP Superseal	Type	surface-mounting
Distance between holes	116 mm	Colour	clear

Order no.	Comparative no.
0008 645 831	HELLA 2PG 008 645-831



LED end-outline marker lamp

Version	with reflector	Height	32 mm
Installation side	front	Cable length	1000 mm
Voltage	24 V	Type	surface-mounting
Width	130 mm	Colour	clear

Order no.	Comparative no.
0011 422 091	HELLA 2PG 011 422-091



LED end-outline marker lamp

Version	with reflector
Installation location	front
Voltage	24 V
Width	130 mm
Height	32 mm
Cable length	500 mm
Type	surface-mounting, vertical/horizontal
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0008 645 041	HELLA 2PG 008 645-971



LED end-outline marker lamp

Version	with reflector
Installation location	front
Installation side	left/right
Voltage	9-33 V
Distance between holes	116 mm
Width	130 mm
Height	32 mm
Depth	15,3 mm
Cable length	1000 mm
Type	surface-mounting
Colour	clear

Order no.

1040 000 015



7

Lighting



LED end-outline marker lamp

Version	with reflector
Installation location	front
Installation side	left/right
Voltage	24 V
Width	130 mm
Height	32 mm
Cable length	5000 mm
Type	surface-mounting, vertical/horizontal
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

0008 645 051

Comparative no.

HELLA 2PG 008 645-961



LED end-outline marker lamp

Version	with reflector
Installation location	front
Voltage	24 V
Connection	Quick-Link
Distance between holes	116 mm
Width	130 mm
Height	32 mm
Cable length	1300 mm
Type	surface-mounting
Colour	clear

Order no.

0008 645 541

Comparative no.

HELLA 2PG 008 645-541





LED end-outline marker lamp

Version	with reflector
Installation location	front
Installation side	left/right
Voltage	24 V
Connection	quick-link with clamping piece and cable
Width	130 mm
Height	32 mm
Colour	clear
Type	surface-mounting, vertical/horizontal

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
300 mm	0008 645 631	HELLA 2PG 008 645-631
5000 mm	0008 645 641	HELLA 2PG 008 645-641



LED end-outline marker lamp with 6 LEDs

Installation location	front
Voltage	24 V
Width	89 mm
Height	34 mm
Depth	24 mm
Type	surface-mounting
Light colour	blue
Lens colour	clear

Order no.
1040 000 212



End-outline marker lamp

Installation location	front
Installation side	left/right
Bulb type	C5W
Voltage	12/24 V
Fastening	2 x M5
∅	80 mm
Depth	41 mm
Distance between holes	45 mm
Type	surface-mounting
Colour	clear

Order no.	Comparative no.
0001 259 631	HELLA 2PF 001 259-631

Accessories

Description	Order no.	Comparative no.
Lens	0109 208 011	HELLA 9EL 109 208-011



End-outline marker lamp

Installation location	front
Installation side	left/right
Bulb type	C5W
Voltage	12/24 V
Fastening	2 holes
∅	75 mm
Depth	46 mm
Distance between holes	45 mm
Type	surface-mounting
Colour	clear

Order no.

8840 184 003



End-outline marker lamp

casing made of black plastic

Installation location	front
Installation side	left/right
Bulb type	R5W
Voltage	12/24 V
Fastening	1 x M10
∅	71 mm
Depth	63 mm
Type	surface-mounting
Colour	clear

Scope of supply

with M10 hollow bolt for mounting and cable duct

Order no.

0001 648 161

Comparative no.

HELLA 2PF 001 648-161

Accessories

Description	Order no.	Comparative no.
Lens	0108 435 001	HELLA 9EL 108 435-001



End-outline marker lamp

FG80B

Installation location	front
Installation side	left/right
Bulb type	R5W
Voltage	12/24 V
∅	65 mm
Height	74,5 mm
Depth	100 mm
Colour	clear

Order no.

6211 800 100

Comparative no.

Vignal 180010





End-outline marker lamp

FE94

Version	with reflector
Installation location	front
Installation side	left/right
Bulb type	T4W
Voltage	12/24 V
Connection	PG thread
Width	110 mm
Height	55 mm
Depth	34 mm
Type	surface-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
8000 003 291	Vignal 194130



End-outline marker lamp

Version	with reflector
Installation location	front
Installation side	left/right
Bulb type	R5W
Voltage	12/24 V
Connection	cable duct
Fastening	optionally 10 holes, \varnothing 5,5 mm
Width	124 mm
Height	61,5 mm
Depth	43 mm
Type	surface mounted, vertical/horizontal
Colour	clear

Scope of supply
with grommet

approved for vehicles in accordance with GGVS/ADR if the diagonal hole separation of 98 mm is used

Order no.	Comparative no.
0004 361 011	HELLA 2PG 004 361-011

Accessories

Description	Order no.	Comparative no.
Lens	0114 401 031	HELLA 9EL 114 401-031





End-outline marker lamp

base plate made of black plastic

Installation location	front
Installation side	left/right
Bulb type	C5W
Voltage	12/24 V
Plug type	male spade connector
Width	84 mm
Height	84 mm
Depth	51 mm
Distance between holes	45 mm
Type	surface mounted, vertical/horizontal
Colour	clear

Scope of supply

with plastic washer

Order no.	Comparative no.
0003 014 071	HELLA 2PF 003 014-071

Accessories

Description	Order no.	Comparative no.
Lens	0110 542 001	HELLA 9EL 110 542-001



End-outline marker lamp

base plate of white plastic

Version	with reflector
Installation location	front
Installation side	left/right
Bulb type	C5W
Voltage	12/24 V
Width	62 mm
Height	62 mm
Depth	46 mm
Distance between holes	30 mm
Type	surface mounted, vertical/horizontal
Colour	clear

Order no.	Comparative no.
0003 057 011	HELLA 2PG 003 057-011

Accessories

Description	Order no.	Comparative no.
Lens	0117 334 001	HELLA 9EL 117 334-001





Side marker light (SM1)

ECE-R48 Section 6.18 and ECE-R91

Attachment

ECE-R48 Section 6.18.1 Prescribed for trailers > 6 m long. Permissible for trailers < 6 m long.

Number

ECE-R48 Section 6.18.2 see Longitudinal mounting

Colour

ECE-R48 Section 5.15 Front amber, rear red (red is also possible in combination with the rear light).

Mounting height

ECE-R48 Section 6.18.4.2 min. 250 mm, max. 1,500 mm (exception: 2,100 mm), an exception is only possible if the vehicle geometry does not enable standard mounting

Longitudinal mounting

ECE-R48 Section 6.18.4.3 Foremost side marker light max. 3 m from front, rearmost side marker light max. 1 m from rear, max. 3 m between the individual side marker lights (exception: 4 m). At least one in the front third and/or one in the rear third. For vehicle lengths \leq 6 m, alternatively at least one in the middle third.

Geometric viewing angle

ECE-R48 Section 6.18.5 Horizontal $\pm 45^\circ$, with optional side marker lights $\pm 30^\circ$. Vertical $\pm 10^\circ$, but for mounting height < 750 mm 5° downwards.

Electrical wiring

ECE-R48 Section 6.18.7 No regulations.

Switch-on control

ECE-R48 Section 6.18.8 Permissible. If available, their function must be fulfilled by the control device prescribed for limiting and tail lights.

Other regulations

ECE-R48 Section 6.18.9 The illuminating surface of the reflector must be integrated in the side marker light. The max. mounting height of the reflector must be noted. The rear side marker light must be amber if it flashes together with the rear directional indicator.

ECE-R91 (7.1)

Category SM1 (use on all motor vehicle classes) = Light intensity min. 4 cd, max. 25 cd



LED side marker light

Version with reflector light
 Voltage 12-36 V DC
 Cable length 500 mm
 Colour yellow

EMV approval

Description	Dimensions	Fig.	Order no.
	110 x 54 x 16 mm	1	5129 000 001
with bracket	110 x 54/75 x 16/29 mm	2	5129 000 004



LED side marker light

Version with reflector and moulded-in cable with click-in connection for flat cable
 Installation side left/right
 Voltage 24 V
 Width 110 mm
 Height 50 mm
 Depth 18 mm
 Type surface mounting/flush mounting
 Colour yellow

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
500 mm	6210 104 930	Vignal D10493
1500 mm	6210 104 960	Vignal D10496



LED side marker light

Installation side left/right
 Voltage 24 V
 Width 110 mm
 Height 98 mm
 Depth 18 mm
 Type surface mounting/flush mounting
 Colour yellow

approved for vehicles in accordance with GGVS/ADR



This figure corresponds to 6210 104 950

Version	Cable length	Order no.	Comparative no.
with reflector, straight bracket and moulded-in cable with click-in connection for flat cable	500 mm	6210 104 950	Vignal D10495
with reflector, 90° bracket towards rear and moulded-in cable with click-in connection for flat cable	500 mm	6210 104 940	Vignal D10494
with reflector, 90° bracket towards rear and moulded-in cable with click-in connection for flat cable	1500 mm	6210 104 970	Vignal D10497



LED side marker light

Installation side	left/right
Voltage	24 V
Power	1,3 W
Width	111,3 mm
Height	51,2 mm
Depth	20,9 mm
Type	Attachment, horizontal
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

This figure corresponds to 0963 639 011



Version	Cable length	Order no.	Comparative no.
with reflector	500 mm	0963 639 011	HELLA 2PS 345 600-017
with reflector, cable and bracket	500 mm	0963 639 071	HELLA 2PS 345 600-071
with reflector, cable with system connector and bracket	4500 mm	0963 639 031	HELLA 2PS 345 600-031
with reflector, cable with system connector	4500 mm	0963 639 051	HELLA 2PS 345 600-051
with reflector and double cable	2000/500 mm	0963 639 101	HELLA 2PS 345 600-101
with reflector, double cable and bracket	2000/500 mm	0963 639 111	HELLA 2PS 345 600-111
with reflector, double cable with system connector	4000/500 mm	0963 639 041	HELLA 2PS 345 600-041
with reflector, double cable with system connector and holder	4000/500 mm	0963 639 021	HELLA 2PS 345 600-021
with reflector, double cable with flat plug 6.3 mm and holder	5500/500 mm	0963 639 091	HELLA 2PS 345 600-091



LED side marker light

Installation side	left/right
Voltage	24 V
Width	150 mm
Height	45 mm
Depth	21 mm
Cable length	500 mm
Type	surface-mounted, horizontal
Colour	yellow

Scope of supply

with cable

approved for vehicles in accordance with GGVS/ADR



Version	Order no.	Comparative no.
with reflector and cable	0007 943 011	HELLA 2PS 007 943-011
with reflector, cable and bracket	0007 943 021	HELLA 2PS 007 943-021



LED side marker light

Version	with reflector
Installation side	left/right
Voltage	24 V
Connection	with open cable end
Width	130 mm
Height	32 mm
Distance between holes	116 mm
Type	surface-mounting, vertical
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0008 645 021	HELLA 2PS 008 645-991



LED side marker light

Version	with reflector
Installation side	left/right
Voltage	24 V
Width	130 mm
Height	32 mm
Cable length	1500 mm
Type	surface-mounting, vertical/horizontal
Colour	yellow

Order no.	Comparative no.
0008 645 002	HELLA 2PS 008 645-001



LED side marker light

Version	with reflector
Installation side	left/right
Voltage	24 V
Connection	quick-link with clamping piece and cable
Distance between holes	116 mm
Width	130 mm
Height	32 mm
Type	surface-mounting, vertical/horizontal
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
300 mm	0008 645 611	HELLA 2PS 008 645-611
1300 mm	0008 645 621	HELLA 2PS 008 645-621





LED side marker light

Voltage 24 V
 Connection AMP JPT plug
 Width 110 mm
 Height 50 mm
 Depth 18 mm
 Colour yellow

Order no.

6211 985 400

Comparative no.

Vignal 198540



LED side marker light

Version with reflector
 Voltage 24 V
 Connection AMP plug
 Width 110 mm
 Height 50 mm
 Depth 18 mm
 Type flush-mounted
 Colour yellow

approved for vehicles in accordance with GGVS/ADR

Order no.

6211 985 200

Comparative no.

Vignal 198520



LED side marker light

Version with reflector
 Installation side left/right
 Voltage 9-33 V
 Width 130 mm
 Height 32 mm
 Depth 15 mm
 Distance between holes 116 mm
 Type surface-mounting, vertical/horizontal
 Colour yellow

Order no.

1040 000 019



LED side marker light

Version with reflector
 Voltage 24 V
 Width 130 mm
 Height 32 mm
 Colour yellow

Order no.

0008 645 897

Comparative no.

HELLA 2PS 008 645-897





LED side marker light

Version	with reflector
Installation side	left/right
Voltage	24 V
Connection	AMP Superseal
Width	130 mm
Height	32 mm
Distance between holes	116 mm
Type	surface-mounting, horizontal
Colour	yellow

Order no.	Comparative no.
0008 645 891	HELLA 2PS 008 645-891



LED side marker light

Installation side	left/right
Voltage	24 V
Width	96 mm
Height	20 mm
Depth	6,4 mm
Distance between holes	86 mm
Colour	yellow

Order no.
1040 000 039



Side marker light

Version	with reflector
Installation side	left/right
Bulb type	C5W
Voltage	24 V
Width	120 mm
Height	58 mm
Depth	32 mm
Type	surface mounted, vertical/horizontal
Colour	yellow

Order no.	Comparative no.
0002 727 001	HELLA 2PS 002 727-001

Accessories

Description	Order no.	Comparative no.
Lens	0114 401 001	HELLA 9EL 114 401-001





Side marker light

Version	with reflector
Installation side	left/right
Bulb type	W3W
Voltage	24 V
Width	126 mm
Height	38 mm
Type	Flush mounted, vertical/horizontal
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0962 964 011	HELLA 2PS 962 964-012

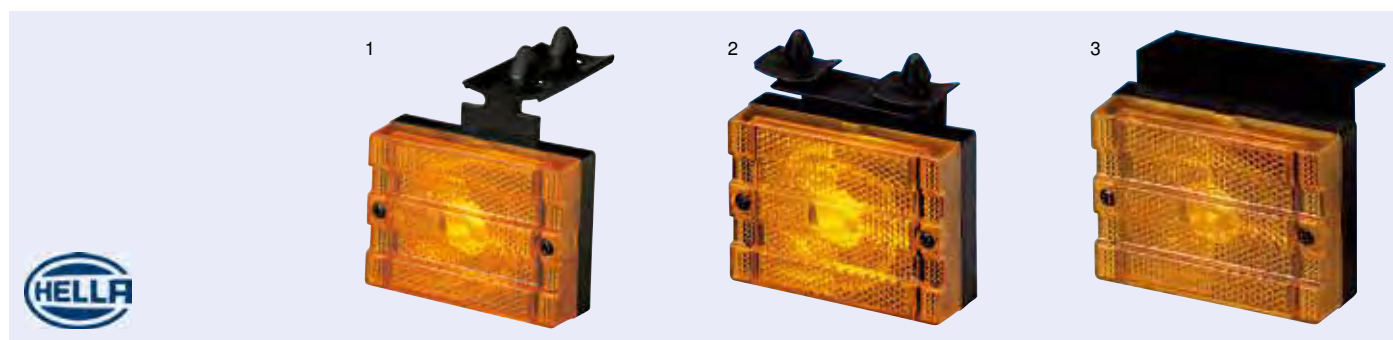


Side marker light

P200

Version	with straight bulb holder and rubber grommet
Installation side	left/right
Voltage	24 V
Width	100 mm
Height	44 mm
Depth	6 mm
Colour	yellow

Order no.
9500 023 910



Side marker light

Installation side	left/right
Bulb type	C5W
Voltage	24 V
Width	92 mm
Height	66 mm
Depth	30,4 mm
Type	Surface mounted, horizontal
Colour	yellow

Scope of supply
with bulb

Version	Fig.	Order no.	Comparative no.
with reflector and clip angle 90° lengthwise rear	1	9280 332 789	HELLA 2PS 340 000-021
with reflector and clip angle 90° crosswise in front	2	8319 223 180	HELLA 2PS 340 000-011
with reflector and bracket 90° towards rear	3	0340 000 041	HELLA 2PS 340 000-041



Side marker light

Version	with reflector
Installation side	left/right
Bulb type	T4W
Voltage	12/24 V
Width	116 mm
Height	73 mm
Depth	38 mm
Type	surface-mounting
Colour	yellow

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0003 748 161	HELLA 2PS 003 748-161

Accessories

Description	Order no.	Comparative no.
Lens	0147 910 001	HELLA 9EL 147 910-001



Side marker light

Version	with reflector and protective casing, with mounting bracket
Installation side	left/right
Voltage	24 V
Connection	bayonet coupling with angled grommet
Width	95 mm
Height	30 mm
Depth	56 mm
Colour	yellow

Scope of supply
with bulb

approved for vehicles in accordance with GGVS/ADR

Order no.
9500 960 000



Side marker light

flexible suspended bracket 90°, rubber seal between lens and casing

Version	with reflector
Bulb type	T4W
Voltage	12/24 V
Connection	PG screw fitting
Width	110 mm
Height	55 mm
Depth	34 mm
Type	surface-mounting
Colour	yellow

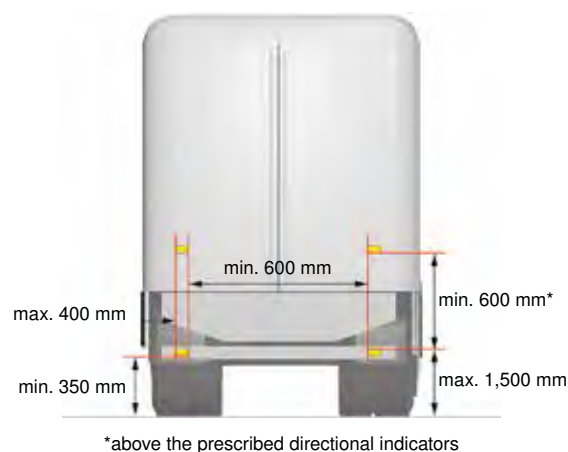
Order no.	Comparative no.
6211 940 300	Vignal 194030



Rear directional indicator

ECE-R48 Section 6.5 and ECE-R6

Attachment	
ECE-R48 Section 6.5.1	Prescribed for all motor vehicle classes. Category 2a or 2b.
Number	
ECE-R48 Section 6.5.3	2 units, an additional 2 are possible as an option for M2, M3, N2 and N3 vehicles
Colour	
ECE-R48 Section 5.15	Amber
Mounting width	
ECE-R48 Section 6.5.4.1	Max. 400 mm from outermost point of the vehicle width This does not apply to the auxiliary indicators. Min. 600 mm between the two indicators, but min. 400 on with vehicle widths < 1,300 mm.
Mounting height	
ECE-R48 Section 6.5.4.2	min. 350 mm, max. 1,500 mm (exception: 2,100 mm, only if the vehicle geometry does not enable mounting at less than 1,500 mm and if no auxiliary indicators are fitted), Mounting height of auxiliary indicators: min. 600 mm above the prescribed indicators
Geometric viewing angle	
ECE-R48 Section 6.5.5	Horizontal 45° inwards, up to 80° outwards. 45° (on outside for M1 and N1 vehicles, if the side marker light also flashes). Vertical ± 15°, but for mounting height < 750 mm, also 5° downwards. Also 5° upwards when there are optional indicators with a mounting height of 2,100 mm.
Electrical wiring	
ECE-R48 Section 6.5.7	Illumination must occur independently of other lights (except other indicators). All indicators on the same vehicle side must be caused to illuminate and turn off by this same actuation device. They must flash synchronously.
Switch-on control	
ECE-R48 Section 6.5.8	prescribed
Other regulations	
ECE-R48 Section 6.5.9	Attachment of 2 auxiliary indicators on all vehicles in classes M2, M3, N2 and N3 is permitted.
ECE-R6 Section 6.1	
Category 2a (constant) = Light intensity min. 50 cd, Single lamp max. 500 cd, Type "D" lamp max. 250 cd	
Category 2b (variable) = Light intensity min. 50 cd, Single lamp max. 1,000 cd, Type "D" lamp max. 500 cd	





LED indicator light with 12 LEDs

Installation side	left/right
Voltage	24 V
∅	83 mm
Depth	40 mm
Cable length	2500 mm
Type	flush-mounted
Colour	yellow

Order no.	Comparative no.
9260 001 303	HELLA 2BA 959 011-301



LED indicator light with 24 LEDs

Installation side	left/right
Voltage	12/24 V
∅	122,5 mm
Depth	52,5 mm
Cable length	500 mm
Type	surface-mounting/flush-mounting
Light colour	yellow
Lens colour	clear

Order no.	Comparative no.
0344 200 031	HELLA 2BA 344 200-031



LED indicator light with 24 LEDs

Installation side	left/right
Voltage	12 V
∅	122,4 mm
Depth	46,6 mm
Cable length	500 mm
Type	flush-mounted
Light colour	yellow
Lens colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0344 200 241	HELLA 2BA 344 200-241





LED indicator light with 24 LEDs

Installation side	left/right
Voltage	12/24 V
Width	177 mm
Height	100 mm
Depth	31 mm
Cable length	2500 mm
Type	surface-mounting
Light colour	yellow
Lens colour	clear

approved for vehicles in accordance with GGVS/ADR

Fastening	Order no.	Comparative no.
horizontal	0980 607 201	HELLA 2BA 980 607-201
vertical	0980 607 701	HELLA 2BA 980 607-701



LED ballast

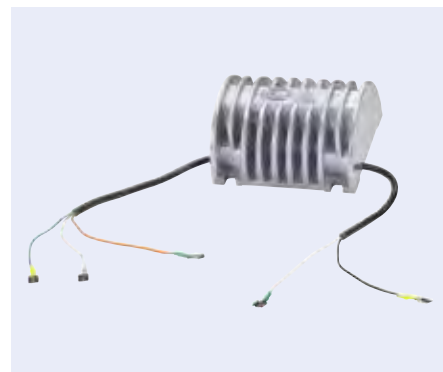
Voltage 24 V

Scope of supply

with flat spade terminals

Mandatory for conversion to LED direction indicators. This serves the purpose of the legally required direction indicator failure recognition (according to the ECE ruling).

Order no.	Comparative no.
0009 552 011	HELLA 5DS 009 552-011



LED control unit for LED flashing light

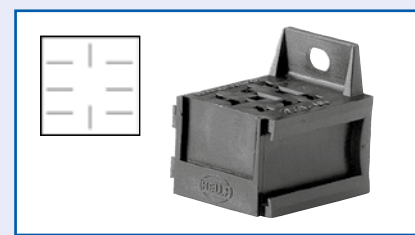
Voltage	18-32 V
Rated current	1,5 A
Number of poles	5
Protection class	IP54

Order no.	Comparative no.
0009 602 001	HELLA 5DS 009 602-001



Accessories

Description	Order no.	Comparative no.
Housing for relay, 9-pole, 12/24 V, to accept 2,8/6,3 mm female spade connectors	0003 526 001	HELLA 8JA 003 526-001



Rear lights

ECE-R48 Section 6.10 and ECE-R7

Attachment	
ECE-R48 Section 6.10.1	Prescribed for all trailers. Category R, R1 or R2.
Number	
ECE-R48 Section 6.10.2	2 items, 2 additional possible on O ₂ , O ₃ and O ₄ vehicles if no clearance lights are mounted.
Colour	
ECE-R48 Section 5.15	Red
Mounting width	
ECE-R48 Section 6.10.4.1	Max. 400 mm from outermost point of the vehicle width This does not apply to the auxiliary tail lights. Min. 600 mm between the two tail lights, but min. 400 on with vehicle widths < 1,300 mm.
Mounting height	
ECE-R48 Section 6.10.4.2	Min. 350 mm, max. 1500 mm (exception: 2100 mm, only if the vehicle geometry does not enable mounting at less than 1500 mm and if 2 auxiliary tail lights are not fitted), Mounting height of auxiliary tail lights: min. 600 mm above the prescribed tail lights
Geometric viewing angle	
ECE-R48 Section 6.10.5	Horizontal 45° inwards, up to 80° outwards. Vertical ± 15°, but for mounting height < 750 mm, also 5° downwards. Optional with a mounting height of 2,100 mm also 5° upwards.
Electrical wiring	
ECE-R48 Section 6.10.7	Must be designed so that the limiting, tail, side marker and licence plate lights can only be switched on and off simultaneously.
Switch-on control	
ECE-R48 Section 6.10.8	Prescribed. Must be combined with the control device for the front limiting lights.
Other regulations	
ECE-R48 Section 6.10.9	Unless clearance lights are fitted, 2 additional limiting and tail lights can be fitted on all trailers from classes O ₂ , O ₃ , O ₄ .

ECE-R7 Section 6.1

Category R, R1 (constant) = Light intensity min. 4 cd, Single lamp max. 17 cd,

Type "D" lamp max. 8.5 cd

Category R2 (variable) = Light intensity min. 4 cd, Single lamp max. 42 cd,

Type "D" lamp max. 21 cd





LED rear light

Version	with brake and tail lamp
Voltage	24 V
∅	83 mm
Depth	21/40 mm
Cable length	2500 mm
Type	flush-mounted
Colour	red

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
9260 001 219	HELLA 2SB 959 010-301



LED rear light with 24 LEDs

Version	with brake and tail light
Voltage	12/24 V
∅	122,4 mm
Depth	46,5 mm
Cable length	500 mm
Type	surface-mounting/flush-mounting
Colour	red

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0344 200 081	HELLA 2SB 344 200-081



LED rear light Euro LED

Version	with brake and tail lamp
Bulb type	P21W
Voltage	9-33 V
∅	130 mm
Height	30 mm
Depth	30 mm
Cable length	2500 mm
Type	surface-mounting
Colour	red

Order no.	Comparative no.
0959 821 601	HELLA 2SB 959 821-601



LED rear light

Version	with indicator, brake and tail light, triangular reflector
Voltage	9-33 V
∅	148 mm
Type	surface-mounting
Colour	red/yellow

Order no.
1040 020 000





LED rear light with 24 LEDs

Version	with brake and tail lamp
Voltage	24 V
∅	122,4 mm
Depth	46,6 mm
Cable length	500 mm
Type	flush-mounted

approved for vehicles in accordance with GGVS/ADR

This figure corresponds to 0344 200 321

Lens colour	Order no.	Comparative no.
clear	0344 200 321	HELLA 2SB 344 200-321
red	0344 200 331	HELLA 2SB 344 200-331



LED rear light with 24 LEDs

Version	with indicator, brake and tail light
Voltage	12/24 V
∅	122,4 mm
Depth	52,5 mm
Cable length	500 mm
Type	surface-mounting/flush-mounting
Light colour	red/yellow

approved for vehicles in accordance with GGVS/ADR

This figure corresponds to 9260 001 390

Description	Lens colour	Order no.	Comparative no.
with pulse for indicator failure control	clear	9260 001 390	HELLA 2SD 344 200-001
with pulse for indicator failure control	red/clear	9264 200 071	HELLA 2SD 344 200-071
without pulse for indicator failure control	red/clear	0344 200 311	HELLA 2SD 344 200-311



LED rear light with 9 red LEDs, 21 white LEDs

Version	with rear fog and reversing light
Voltage	24 V
∅	122,5 mm
Depth	52,5 mm
Cable length	500 mm
Type	surface-mounting
Light colour	red/clear
Lens colour	clear

approved for vehicles in accordance with GGVS/ADR
EMC approval

Order no.	Comparative no.
0344 169 461	HELLA 2NR 344 169-461

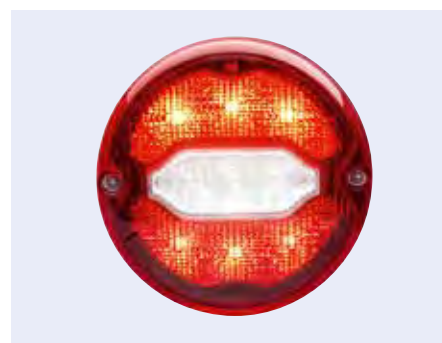




LED rear light

Version	with rear fog and reversing light	∅	140 mm
Voltage	24 V	Depth	82 mm
Connection	6,3 mm female spade connectors	Colour	red/clear

Order no.	Comparative no.
0013 155 221	HELLA 2NR 013 155-221



LED rear light

Connection	6,3 mm female spade connectors
∅	140 mm
Depth	82 mm

Version	Order no.	Comparative no.
with brake and tail lamp	0013 155 031	HELLA 2SD 013 155-031
with indicator, brake and tail light	0013 155 111	HELLA 2SD 013 155-111



LED rear light

Version	with rear fog and reversing light
Voltage	9-33 V
Colour	red/clear

Order no.
9890 000 007

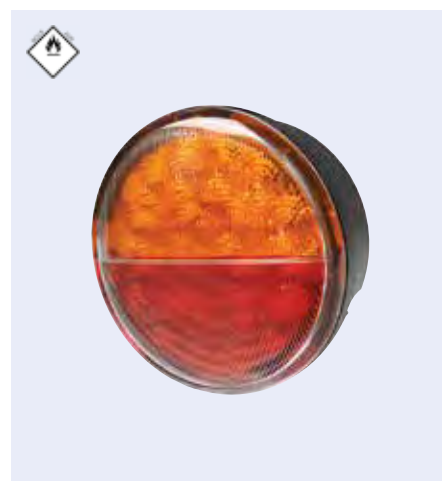


LED rear light with 16 LEDs, with pulse for indicator failure control

Version	with indicator, brake and tail light
Voltage	24 V
∅	83 mm
Depth	21/40 mm
Cable length	2500 mm
Type	flush-mounting
Colour	red/yellow

approved for vehicles in accordance with GGVS/ADR

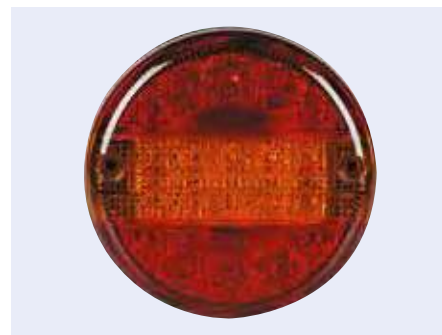
Order no.	Comparative no.
0959 010 401	HELLA 2SD 959 010-401



LED rear light with 20 LEDs

Version with indicator, brake and tail light
 Installation side left/right
 Voltage 9-33 V
 Ø 140 mm
 Depth 72 mm
 Pin spacing 45 mm
 Colour red/yellow

Order no.	9500 993 145
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LED rear light

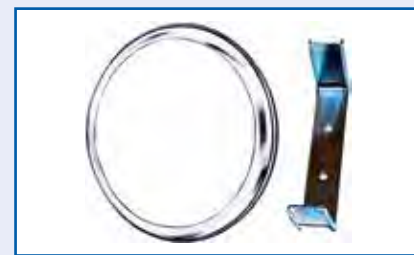
Version with indicator, brake and tail light
 Voltage 9-32 V
 Ø 140 mm
 Depth 84,4 mm
 Pin spacing 45 mm
 Type surface-mounting
 Colour red/yellow

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
9260 001 461	HELLA 2SD 344 100-101

Accessories

Description	Order no.	Comparative no.
Installation set	0997 909 801	HELLA 9XD 997 909-801



LED rear light

Version with indicator, brake and parking light
 Voltage 9-33 V
 Ø 140 mm
 Height 71,5 mm
 Colour red/yellow

Order no.	8080 801 800
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LED rear light

Version with indicator, brake and parking light
 Voltage 9-33 V
 Ø 140 mm
 Height 71,5 mm
 Light colour red/yellow
 Lens colour clear

Order no.	8080 801 807
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LED rear light

Version	with tail light and reflector
Voltage	24 V
Width	111 mm
Height	51 mm
Depth	21 mm
Cable length	5000 mm
Type	surface-mounting
Colour	red

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0345 600 311	HELLA 2TM 345 600-311



LED rear light DuraLED, with 24 LEDs

Version	with brake and tail lamp
Voltage	12/24 V
Fastening	horizontal
Width	177 mm
Height	100 mm
Depth	31 mm
Cable length	2500 mm
Light colour	red
Lens colour	clear

approved for vehicles in accordance with GGVS/ADR

Type	Order no.	Comparative no.
surface-mounting, horizontal	0980 606 201	HELLA 2SB 980 606-201
surface-mounting, vertical	0980 606 701	HELLA 2SB 980 606-701



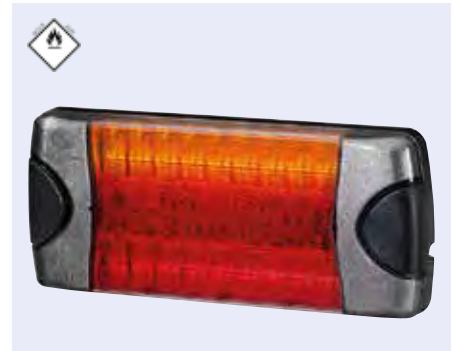


LED rear light DuraLED Combi

Voltage 12/24 V
Width 222 mm
Height 96 mm
Lens colour clear

approved for vehicles in accordance with GGVS/ADR
EMC approval

This figure corresponds to 0980 710 061



Version	Description	Depth	Type	Light colour	Order no.	Comparative no.
with indicator, brake and tail light, reflector	with 16 LEDs, without pulse for indicator failure control	22 mm	surface-mounting, horizontal	red/yellow	0980 710 061	HELLA 2VA 980 710-061
with indicator, brake and tail light	with 30 LEDs, with pulse for indicator failure control	34 mm	surface-mounting, vertical/horizontal	red/yellow	0959 050 401	HELLA 2SD 980 613-211
with indicator, brake and tail light	with 30 LEDs, with pulse for indicator failure control	34 mm		amber/red	0980 602 211	HELLA 2SD 980 602-211
with indicator, stop, reversing and taillight	with 30 LEDs, with reverse polarity protection	22 mm	surface-mounting, horizontal		0980 613 501	HELLA 2SK 980 613-501
with indicator, stop, reversing and taillight	with 30 LEDs, without reverse polarity protection	22 mm	surface-mounting, horizontal		0980 603 503	HELLA 2SK 980 603-503



LED rear light

Installation side left/right
Voltage 12/24 V
Width 96 mm
Height 80 mm
Depth 26 mm
Cable length 500 mm
Colour red/clear

EMC approval



Version	Description	Type	Order no.	Comparative no.
with indicator, brake and tail light, reflector		surface-mounting, vertical/horizontal	0980 720 001	HELLA 2VA 980 720-001
with indicator, stop, licence plate and tail light, reflector	upper indicator	surface-mounting, horizontal	0980 720 401	HELLA 2VB 980 720-401
with indicator, stop, licence plate and tail light, reflector	lower indicator	surface-mounting, horizontal	0980 720 501	HELLA 2VB 980 720-501



LED rear light with pulse for indicator failure control

Version	with indicator, brake, reversing and taillight, triangular reflector
Connection	with 5-wire cable and 6,3 mm female spade connector
Voltage	24 V
Fastening	2 x M6 x 28 mm
Width	403,2 mm
Height	145 mm
Depth	33,5 mm
Pin spacing	152 mm
Type	surface-mounting
Light colour	red/clear/yellow
Lens colour	red/clear

approved for vehicles in accordance with GGVS/ADR



Installation side	Cable length	Order no.	Comparative no.
left	1500 mm	9260 001 579	HELLA 2VP 340 950-031
right	2500 mm	9260 001 581	HELLA 2VP 340 950-041



LED rear light COLUNA, with pulse for indicator failure control

Version	with indicator, brake, rear fog, reversing and tail light, triangular reflector
Connection	with 6.3 mm receptacles
Voltage	24 V
Length	300 mm
Width	130 mm
Height	40 mm
Cable length	3000 mm
Type	surface-mounting
Light colour	red/clear/yellow
Lens colour	red/clear

approved for vehicles in accordance with GGVS/ADR



Installation side	Order no.	Comparative no.
left	0345 900 131	HELLA 2VP 345 900-131
right	0345 900 141	HELLA 2VP 345 900-141



LED rear light COLUNA, with pulse for indicator failure control

Version with indicator, brake, rear fog, reversing and tail light, triangular reflector
 Connection DIN bayonet AMP, 7-pin
 Voltage 24 V
 Length 300 mm
 Width 130 mm
 Height 40 mm
 Cable length 1000 mm
 Type surface-mounting
 Light colour red/clear/yellow
 Lens colour red/clear

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	0345 900 091	HELLA 2VP 345 900-091
right	0345 900 101	HELLA 2VP 345 900-101



LED rear light

Version with indicator, brake, rear fog, reversing and tail light, triangular reflector
 Voltage 12/24 V
 Type surface-mounting, horizontal
 Light colour red/clear/yellow
 Lens colour red/clear

Installation side	Order no.
left	8000 580 105
right	8000 580 104



Rear light

Version with indicator, brake, rear fog, reversing, side marker and tail light, triangular reflector and rubber arm light
 Voltage 10-30 V
 Connection AMP (round connector)
 Width 390 mm
 Height 130 mm
 Depth 85 mm
 Pin spacing 152 mm
 Type surface-mounting
 Light colour red/white/amber
 Lens colour red/white

Installation side	Order no.
left	1340 104 002
right	1040 000 620

Accessories

Description	Order no.
Lens, left	9899 190 213
Lens, right	9899 190 206





LED rear light

LC8 LED, with pulse for indicator failure control

Version	with indicator, brake, rear fog, side marking, tail and reversing light, triangular reflector
Voltage	12/24 V
Connection	AMP 1.5 (round connector), rear
Width	400 mm
Height	160 mm
Depth	85 mm
Pin spacing	152 mm
Type	surface-mounting
Light colour	red/clear/yellow
Lens colour	red/clear

approved for vehicles in accordance with ADR

Installation side	Order no.	Comparative no.
left	3900 157 040	Vignal 157040
right	3900 157 050	Vignal 157050

Accessories

Description	Order no.	Comparative no.
Lens, left/right	3900 057 000	Vignal 057000
Ballast, RSC connector	3900 013 234	Vignal D13234



LED rear light

LC12T, with pulse for indicator failure control

Version	with indicator, brake, rear fog, reversing and tail light, triangular reflector
Voltage	12/24 V
Connection	AMP (round connector) rear, 7-pole, 4 x 2-pole Superseal connections
Width	350 mm
Height	130 mm
Depth	40 mm
Pin spacing	152 mm
Type	surface-mounting, horizontal
Light colour	red/clear/yellow
Lens colour	red/clear

Installation side	Order no.	Comparative no.
left	3900 161 000	Vignal 161000
right	3900 161 010	Vignal 161010



LED rear light

blackface optics

Voltage	24 V
Connection	AMP (round connector), 7-pole
Width	465 mm
Height	130 mm
Depth	84 mm
Pin spacing	152 mm
Type	surface-mounting
Colour	red/clear/yellow



Version	Installation side	Order no.
with indicator, brake, rear fog, tail and side marker light, triangular reflector	left	1040 000 421
with indicator, brake, reversing, tail and side marker light, triangular reflector	right	1040 000 422

LED rear light

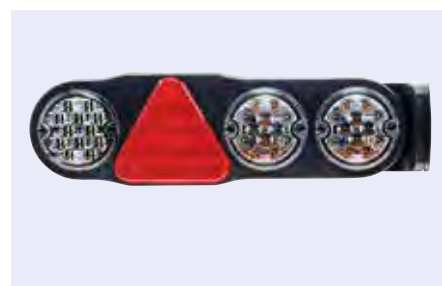
Voltage	10-30 V
Connection	AMP (round connector), 7-pole, side
Width	440 mm
Height	144 mm
Depth	76 mm
Pin spacing	152 mm
Light colour	red/clear/yellow



Version	Installation side	Lens colour	Order no.
with indicator, brake, rear fog, tail and side marker light, triangular reflector	left	clear	1040 000 425
with indicator, brake, reversing, tail and side marker light, triangular reflector	right	clear	1040 000 426
with indicator, stop, rear fog, tail and side marker light	left	red/clear/yellow	1040 000 435
with indicator, stop, reversing, tail and side marker light	right	red/clear/yellow	1040 000 436

LED rear light

Voltage	10-30 V
Connection	AMP (round connector), 7-pole
Width	434/599 mm
Height	130 mm
Depth	57 mm
Pin spacing	152 mm
Number of poles	7
Type	surface-mounting
Light colour	red/clear/yellow
Lens colour	clear



Version	Installation side	Order no.
with indicator, brake, fog and tail light, triangular reflector	left	1040 000 419
with indicator, brake, reversing and tail light, triangular reflector	right	1040 000 418
with indicator, brake, fog and tail light, triangular reflector and rubber arm light	left	9892 103 630
with indicator, brake, reversing and tail light, triangular reflector and rubber arm light	right	9892 102 630



Rear light

Installation location	top
Installation side	left/right
Bulb type	C5W
Voltage	12/24 V
Connection	cable duct
Fastening	2 x M5
∅	80 mm
Depth	41 mm
Pin spacing	45 mm
Type	surface-mounting
Colour	red

This figure corresponds to 0001 259 751



Version	Order no.	Comparative no.
with tail light	0001 259 751	HELLA 2SA 001 259-751
with tail light and number plate light	0001 259 761	HELLA 2TF 001 259-761



Rear light

Version	with indicator, brake and tail light
Installation side	left/right
Bulb type	P21W/R5W
Voltage	12/24 V
Connection	cable duct rubber grommet
Fastening	2 x M6
∅	140 mm
Depth	80 mm
Pin spacing	45 mm
Type	surface-mounting, horizontal
Colour	red/yellow

approved for vehicles in accordance with GGVS/ADR

This figure corresponds to 0001 685 211



Scope of supply	Order no.	Comparative no.
bulb holder	0001 685 211	HELLA 2SD 001 685-211
bulb holder with vibration insulator	0001 685 231	HELLA 2SD 001 685-231

Accessories

Description	Order no.	Comparative no.
Lens	0113 324 001	HELLA 9EL 113 324-001



Rear light

Version	with tail light
Installation side	left/right
Bulb type	C5W
Voltage	12/24 V
Connection	cable duct
Fastening	2 x M5
Width	62 mm
Height	62 mm
Depth	40 mm
Type	surface mounted, vertical/horizontal
Colour	red

Order no.	Comparative no.
0003 057 021	HELLA 2SA 003 057-021

Accessories

Description	Order no.	Comparative no.
Lens	0117 330 011	HELLA 9EL 117 330-011



Rear light

base plate made of black plastic

Version	with tail light and reflector
Installation side	left/right
Bulb type	C5W
Voltage	12/24 V
Connection	cable duct
Fastening	2 x M5
Width	62 mm
Height	62 mm
Depth	46 mm
Distance between holes	30 mm
Type	surface mounted, vertical/horizontal
Colour	red

Order no.	Comparative no.
0003 057 031	HELLA 2TM 003 057-031



Rear light

base plate with black edge, if a PG thread is used, base plate 0128 032 017 must also be used

Version	with tail light and reflector
Installation side	left/right
Bulb type	R5W
Voltage	12/24 V
Connection	cable duct rubber grommet
Fastening	optionally 10 holes, \varnothing 5,5 mm
Width	124 mm
Height	61,5 mm
Depth	43 mm
Type	surface mounted, vertical/horizontal
Colour	red

approved for vehicles in accordance with GGVS/ADR if the diagonally arranged hole separation of 98 mm is used

Order no.	Comparative no.
0004 361 021	HELLA 2TM 004 361-021





Rear light

Version	with tail light and reflector
Installation side	left/right
Bulb type	T4W
Voltage	12/24 V
Connection	cable duct
Fastening	2 x 4,2 x 32 x 18 mm
Width	115 mm
Height	45 mm
Depth	27 mm
Pin spacing	95 mm
Type	surface mounted, vertical/horizontal
Colour	red

Scope of supply

with black rubber base

Order no.	Comparative no.
0003 748 011	HELLA 2TM 003 748-011



Rear light

quick-fit lens

Version	with indicator, brake and tail light
Bulb type	P21W/R10W
Voltage	12/24 V
Connection	cable duct rubber grommet
Fastening	2 x M5 holes
Width	95 mm
Height	85 mm
Depth	54 mm
Type	surface mounted, vertical/horizontal
Colour	red/yellow

Installation side	Order no.	Comparative no.
left	0003 182 051	HELLA 2SD 003 182-051
right	0003 182 061	HELLA 2SD 003 182-061

Accessories

Description	Order no.	Comparative no.
Lens, with number plate light	0118 613 001	HELLA 9EL 118 613-001
Lens, without number plate light	0118 614 011	HELLA 9EL 118 614-011

Rear light

Version	with indicator, stop, tail and with/without licence plate light
Installation side	left/right
Bulb type	P21W/R10W
Voltage	12/24 V
Connection	Cable grommet
Fastening	2 x M8
Width	108 mm
Height	106 mm
Depth	52 mm
Pin spacing	45 mm
Type	surface-mounting
Colour	red/yellow

Order no.
1040 000 415





Rear light

Version	with indicator, stop, number plate and taillight
Installation side	left/right
Bulb type	P21W/R10W
Voltage	12/24 V
Connection	cable duct rubber grommet
Fastening	2 x M6
Width	121 mm
Height	121 mm
Depth	56 mm
Pin spacing	45 mm
Type	surface-mounting, horizontal
Colour	red/yellow

Scope of supply
with bulb holder



Order no.	Comparative no.
0002 578 311	HELLA 2SE 002 578-701

Accessories

Description	Order no.	Comparative no.
Lens	0112 758 021	HELLA 9EL 146 491-001



Rear light

casing made of black rubber

Version	with indicator, brake and tail light
Installation side	left/right
Bulb type	P21W/R10W
Voltage	12/24 V
Connection	cable duct
Fastening	for surface-mounting: 2 x M8, for flush-mounting: 4 holes for the fixing bolts
Width	260 mm
Height	157 mm
Depth	75 mm
Type	surface-mounting/flush-mounting, vertical/horizontal
Colour	red/yellow

approved for vehicles in accordance with GGVS/ADR



Order no.	Comparative no.
0004 431 011	HELLA 2SD 004 431-011

Accessories

Description	Order no.	Comparative no.
Lens for brake/tail light	0119 544 101	HELLA 9EL 119 544-101
Lens for indicators	0119 544 021	HELLA 9EL 119 544-021



Rear light

quick-fit lens

Version	with indicator, brake and tail light
Bulb type	P21W/R10W
Voltage	12/24 V
Connection	cable duct
Fastening	2 holes, \varnothing 5,5 mm
Width	170 mm
Height	75 mm
Depth	62 mm
Type	surface-mounting, horizontal
Colour	red/yellow

Scope of supply
with seal

Installation side	Order no.	Comparative no.
left	0002 582 011	HELLA 2SD 002 582-011
right	0002 582 021	HELLA 2SD 002 582-021

Accessories

Description	Order no.	Comparative no.
Lens, left	0112 743 001	HELLA 9EL 112 743-001
Lens, right	0112 741 001	HELLA 9EL 112 741-001



Rear light

Bulb type	P21W/R10W
Voltage	12/24 V
Connection	cable duct
Fastening	2 x M8
Width	282 mm
Height	105 mm
Depth	76 mm
Pin spacing	152 mm
Type	surface-mounting, horizontal
Colour	red/yellow

Scope of supply

bulb holder with vibration insulator, seal

approved for vehicles in accordance with GGVS/ADR

Version	Installation side	Order no.	Comparative no.
with indicator, brake and tail light	left	0001 699 511	HELLA 2SD 001 699-511
with indicator, brake and tail light	right	0001 699 061	HELLA 2SD 001 699-061
with indicator, stop, tail and number plate light	left	0001 699 071	HELLA 2SE 001 699-071

Accessories

Description	Order no.	Comparative no.
Lens	0109 139 001	HELLA 9EL 109 139-001





Rear light

Version	with indicator, brake and tail light
Bulb type	P21W/R10W
Voltage	12/24 V
Connection	cable duct
Fastening	2 x M8
Width	344 mm
Height	147 mm
Depth	72 mm
Pin spacing	152 mm
Type	Surface mounted, vertical/horizontal
Colour	red/yellow

Scope of supply

with seal

approved for vehicles in accordance with GGVS/ADR



Installation side	Order no.	Comparative no.
left	0003 167 011	HELLA 2SD 003 167-011
right	0003 167 021	HELLA 2SD 003 167-021

Accessories

Description	Order no.	Comparative no.
Lens	0147 747 001	HELLA 9EL 147 747-001



Rear light

Version	with indicator, brake and tail light
Bulb type	P21W/R10W
Voltage	12/24 V
Connection	cable duct rubber grommet
Fastening	2 x B3,9 x 16
Width	158 mm
Height	64 mm
Depth	51 mm
Pin spacing	98 mm
Type	surface-mounting, horizontal
Colour	red/yellow

Scope of supply

without seal and bulb



Installation side	Order no.	Comparative no.
left	0003 184 031	HELLA 2SD 003 184-031
right	0003 184 041	HELLA 2SD 003 184-041

Accessories

Description	Order no.	Comparative no.
Lens, left	0118 700 001	HELLA 9EL 118 700-001
Lens, right	0118 701 001	HELLA 9EL 118 701-001

Rear light

Bulb type	P21W/R10W
Voltage	12/24 V
Connection	Cable duct rubber grommet
Fastening	2 x M8
Width	344 mm
Height	147 mm
Depth	70 mm
Pin spacing	152 mm
Type	surface-mounting
Colour	red/yellow



Version	Installation side	Order no.
with indicator, brake and tail light	left/right	8840 206 002
with indicator, stop, tail and licence plate light	left	8840 206 003

Accessories

Description	Order no.
Lens	8840 206 102



Rear light

Version	with indicator, brake, tail and reversing light, reflector
Bulb type	P21W/R5W
Voltage	12/24 V
Connection	cable duct
Fastening	4 holes, \varnothing 6 mm
Width	210 mm
Height	108 mm
Depth	66 mm
Distance between holes	72/152 mm
Type	surface-mounting, horizontal
Colour	red/clear/yellow

Application range

tractor vehicles

approved for trailers if an EC partial operating permit for lighting exists

Installation side	Order no.	Comparative no.
left	0006 040 111	HELLA 2VP 006 040-111
right	0006 040 121	HELLA 2VP 006 040-121

Accessories

Description	Order no.	Comparative no.
Lens, left	0136 825 001	HELLA 9EL 136 825-001
Lens, right	0136 825 011	HELLA 9EL 136 825-011





Rear light

Bulb type P21/5W, P21W
 Voltage 12/24 V
 Width 256 mm
 Height 144 mm
 Depth 70 mm
 Type surface-mounting
 Colour red/clear/yellow

approved for vehicles in accordance with GGVS/ADR



Version	Installation side	Order no.	Comparative no.
with indicator, stop, rear fog, reversing light, reflector and taillight	left	0340 400 151	HELLA 2VP 340 400-151
with indicator, stop, rear fog, reversing light, reflector and taillight	right	0340 400 141	HELLA 2VP 340 400-141
with indicator, brake, rear fog, reversing, taillight and side marker light, with reflector	left	0340 400 131	HELLA 2VP 340 400-131
with indicator, brake, rear fog, reversing, taillight and side marker light, with reflector	right	0340 400 121	HELLA 2VP 340 400-121

Accessories

Description	Order no.	Comparative no.
Lens, left	0340 203 011	HELLA 9EL 340 203-011
Lens, right	0340 203 001	HELLA 9EL 340 203-001



Rear light

Version with indicator, stop, tail, rear fog, reversing and side marker light, triangular reflector
 Bulb type P21W, R5W, R10W, C5W
 Voltage 24 V
 Connection cable with connector
 Fastening 2 x M8
 Width 440 mm
 Height 148 mm
 Depth 82 mm
 Pin spacing 152 mm
 Type surface mounted, horizontal
 Colour red/clear/yellow

Scope of supply

with bulb holder, vibration damping, 24 V heavy duty bulbs, double bulb mounting in tail light field

approved for vehicles in accordance with GGVS/ADR



Installation side	Order no.	Comparative no.
left	8840 250 011	HELLA 2VP 340 450-151
right	8840 250 012	HELLA 2VP 340 450-141

Accessories

Description	Order no.	Comparative no.
Lens for rear light	8840 250 112	HELLA 9EL 340 208-021
Lens for side marker light	0146 838 001	HELLA 9EL 146 838-001



Rear light

Bulb type	P21W/R10W
Voltage	12/24 V
Connection	cable duct
Fastening	2 x M8
Width	343 mm
Height	133 mm
Depth	75 mm
Pin spacing	152 mm
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR



Version	Installation side	Type	Order no.	Comparative no.
with indicator, brake, tail, rear fog, reversing and number plate light	left	Surface mounted, horizontal	0003 567 311	HELLA 2SL 003 567-311
with indicator, brake, tail, rear fog and reversing light	left	Surface mounted, vertical/horizontal	0003 567 331	HELLA 2SK 003 567-331
with indicator, brake, tail, rear fog and reversing light	right	Surface mounted, vertical/horizontal	0003 567 321	HELLA 2SK 003 567-321

Accessories

Description	Order no.	Comparative no.
Lens	0122 772 001	HELLA 9EL 122 772-001



Rear light

Version	with indicator, brake, tail, rear fog and reversing light, reflector
Bulb type	P21W/R10W
Voltage	12/24 V
Connection	cable duct
Fastening	2 x M8
Width	343 mm
Height	133 mm
Depth	75 mm
Pin spacing	152 mm
Type	surface mounted, vertical/horizontal
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR and for trailers if an EC partial operating permit for lighting exists



Installation side	Order no.	Comparative no.
left	0003 567 111	HELLA 2VP 003 567-111
right	0003 567 121	HELLA 2VP 003 567-121

Accessories

Description	Order no.	Comparative no.
Lens	0122 689 021	HELLA 9EL 122 689-021



Rear light

Version with indicator, stop, tail, rear fog and reversing light
 Bulb type P21W/R10W
 Voltage 12/24 V
 Connection cable duct
 Fastening 2 x M8
 Width 343 mm
 Height 133 mm
 Depth 75 mm
 Pin spacing 152 mm
 Type surface mounted, vertical/horizontal
 Colour red/clear/yellow

Application range

trailer

Scope of supply

double bulb mounting in tail light area

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	0003 567 651	HELLA 2SK 003 567-651
right	0003 567 661	HELLA 2SK 003 567-661

Accessories

Description	Order no.	Comparative no.
Lens	0122 772 001	HELLA 9EL 122 772-001



Rear light

Bulb type P21W, R10W
 Voltage 24 V
 Connection side central connector with sealing sleeves
 Fastening 2 x M8
 Width 525 mm
 Height 139 mm
 Depth 84,5 mm
 Pin spacing 200 mm
 Type Attachment, horizontal
 Colour red/clear/yellow

Scope of supply

with bulbs

approved for vehicles in accordance with GGVS/ADR

Version	Installation side	Order no.	Comparative no.
with indicator, stop, tail, rear fog, reversing, clearance, side marker and licence plate light, reflector	left	0007 500 411	HELLA 2VD 007 500-411
with indicator, stop, tail, rear fog, reversing, clearance and side marker light, reflector	right	0007 500 421	HELLA 2VP 007 500-421

Accessories

Description	Order no.	Comparative no.
Lens for rear light, left	0134 296 001	HELLA 9EL 134 296-041
Lens for rear light, right	0134 296 011	HELLA 9EL 134 296-051
Lens for side marker light, left/right	0146 838 001	HELLA 9EL 146 838-001
Lens for licence plate light, left/right	0134 301 001	HELLA 9EL 134 301-001





Rear light

LC5 VibrActiv®

Bulb type	P21W, R10W
Voltage	24 V
Fastening	2 x M8
Width	350 mm
Height	130 mm
Depth	83 mm
Pin spacing	152 mm
Type	surface-mounting
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR



Version	Installation side	Connection	Order no.	Comparative no.
with indicator, stop, tail, rear fog and reversing light	left/right	PG screw fitting	6211 521 300	Vignal 152130
with indicator, brake, tail, rear fog, reversing and number plate light, reflector	left	PG screw fitting	6211 521 400	Vignal 152140
with indicator, brake, tail, rear fog and reversing light, reflector	left/right	PG screw fitting	6211 521 500	Vignal 152150
with indicator, brake, number plate, rear fog, reversing and tail light, reflector	left-hand side	AMP 1.5 (round connector), rear	6211 521 700	Vignal 152170
with indicator, brake, rear fog, reversing and tail light, reflector	left/right	AMP 1.5 (round connector), rear	6211 521 800	Vignal 152180

Accessories

Description	Order no.	Comparative no.
Lens, without reflector, left/right	6210 520 000	Vignal 052000
Lens, with reflector, left/right	6210 525 000	Vignal 052500



Rear light

LC8T VibrActiv®

Bulb type	P21W, R5W
Voltage	24 V
Connection	AMP 1.5
Fastening	2 x M10
Width	400 mm
Height	160 mm
Depth	88,5 mm
Pin spacing	152 mm
Type	surface mounted, horizontal
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR



Version	Installation side	Order no.	Comparative no.
with indicator, stop, tail, rear fog, reversing, clearance and side marker light, triangular reflector	left	6211 560 400	Vignal 156040
with indicator, stop, tail, rear fog, reversing, clearance and side marker light, triangular reflector	right	6211 560 500	Vignal 156050
with indicator, stop, tail, rear fog, reversing, clearance, side marker and number plate light, triangular reflector	left	6211 560 600	Vignal 156060

Accessories

Description	Order no.
Lens, left	6210 567 000
Lens, right	6210 567 100



Rear light

Rear Logic

Version	with indicator, stop, rear fog, reversing and tail light, triangular reflector and auxiliary lens
Bulb type	P21W, P21/5W
Voltage	24 V
Connection	cable grommet rubber bush
Fastening	2 x M8
Width	425 mm
Height	143 mm
Pin spacing	152 mm
Type	surface-mounted, horizontal
Colour	red/clear/yellow

Scope of supply

with bulb holder and vibration damping

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	0007 907 037	HELLA 2VP 007 907-031
right	0007 907 047	HELLA 2VP 007 907-041

Accessories

Description	Order no.	Comparative no.
Lens, left	0150 965 001	HELLA 9EL 150 965-001
Lens, right	0150 966 001	HELLA 9EL 150 966-001



Rear clearance lights

ECE-R48 Section 6.13 and ECE-R7

Attachment	
ECE-R48 Section 6.13.1	Prescribed for trailers > 2.1 m wide. Permissible for trailers > 1.8 m to ≤ 2.1 m wide. Category R, R1, R2, RM1 or RM2.
Number	
ECE-R48 Section 6.13.2	2 units, optional 2 additional clearance lights possible
Colour	
ECE-R48 Section 5.15	Red
Mounting width	
ECE-R48 Section 6.13.4.1	as far as possible to the outside, max. 400 mm from outermost point of the vehicle width
Mounting height	
ECE-R48 Section 6.13.4.2	As high as possible. Optional and prescribed with greatest possible spacing.
Geometric viewing angle	
ECE-R48 Section 6.13.5	Horizontal 80° to outside. Vertical 5° above and 20° below the horizontal.
Electrical wiring	
ECE-R48 Section 6.13.7	Must be designed so that the limiting, tail, side marker and licence plate lights can only be switched on and off simultaneously.
Switch-on control	
ECE-R48 Section 6.13.8	Permissible. If a control device is available, its function must be fulfilled by the control device prescribed for limiting and tail lights.
Other regulations	
ECE-R48 Section 6.13.9	The rear red and front white clearance lights may be combined in one light, provided the mounting regulations and visibility areas are observed. Spacing between clearance lights and tail lights min. 200 mm.

ECE-R7 Section 6.1

Category R, R1, RM1 (constant) = Light intensity min. 4 cd, Single lamp max. 17 cd,
 Type "D" lamp max. 8.5 cd
 Category R2, RM2 (variable) = Light intensity min. 4 cd, Single lamp max. 42 cd,
 Type "D" lamp max. 21 cd

As far as possible to the outside.



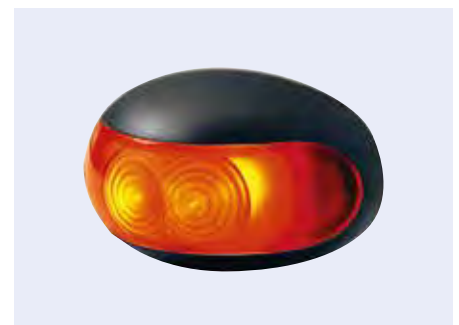
As high as possible.



LED clearance light

Voltage	12/24 V	Depth	32 mm
Width	60 mm	Type	surface-mounting
Height	38 mm	Colour	red

Cable length	Order no.	Comparative no.
500 mm	0959 560 402	HELLA 2XA 959 560-401
5000 mm	0959 560 411	HELLA 2XA 959 560-411





LED clearance light

Version with position lamp
 Voltage 12/24 V
 Width 60 mm
 Height 38 mm
 Depth 32 mm
 Cable length 500 mm
 Type surface-mounting
 Colour clear

Order no.	Comparative no.
0959 570 202	HELLA 2PF 959 570-202



LED clearance light

Voltage 12/24 V
 Colour red/clear

Scope of supply	Width	Height	Distance between holes	Fig.	Order no.	Comparative no.
with bracket	143 mm	39/51 mm	30/125 mm	1	3900 112 110	Vignal 112110
without bracket	98 mm	39 mm	30/84 mm	2	3900 112 710	Vignal 112710



LED clearance light

Version with reflector
 Installation side left/right
 Voltage 24 V
 Distance between holes 116 mm
 Width 130 mm
 Height 32 mm
 Type surface-mounting, vertical/horizontal
 Colour red

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0008 645 061	HELLA 2TM 008 645-951





LED clearance light

Installation location	side, top
Installation side	left/right
Voltage	24 V
Distance between holes	230 mm
Width	247 mm
Height	20,5 mm
Depth	40,5 mm
Type	surface-mounting, vertical/horizontal
Light colour	red
Lens colour	clear

Order no.	Comparative no.
0008 078 001	HELLA 2XS 008 078-001



LED clearance light

Voltage	12/24 V
Width	84,3 mm
Height	29,1 mm
Depth	8,8 mm
Cable length	500 mm
Type	surface-mounting, side
Colour	clear

Order no.	Comparative no.
0959 855 452	HELLA 2XS 959 855-451

Accessories

Description	Order no.	Comparative no.
Protective cap	0980 858 018	HELLA 9HD 980 858-018



LED clearance light

Voltage	12/24 V
Width	84,3 mm
Height	29,1 mm
Depth	8,8 mm
Type	surface-mounting, side
Colour	red

Cable length	Order no.	Comparative no.
500 mm	0959 855 401	HELLA 2XS 959 855-401
2500 mm	0959 855 451	HELLA 2XS 959 855-441

Accessories

This figure corresponds to 0959 685 201

Description	Order no.	Comparative no.
Protective frame	0959 685 201	HELLA 9AB 959 685-201
Protective cap	0980 858 018	HELLA 9HD 980 858-018





LED clearance light

Version with position/tail light
 Voltage 12-36 V DC
 Depth 45 mm
 Colour red/clear

EMV approval

This figure corresponds to 5129 000 005

Width	Height	Installation side	Order no.
175 mm	135 mm	left	5129 000 005
175 mm	135 mm	right	5129 000 006
195 mm	145 mm	left	5129 000 007
195 mm	145 mm	right	5129 000 008



LED clearance light

Version with position, tail and side marker light
 Voltage 24 V
 Distance between holes 78 mm
 Width 177 mm
 Height 160 mm
 Depth 35 mm
 Cable length 3000 mm
 Type surface-mounting, vertical
 Colour red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	0340 418 091	HELLA 2XS 011 744-031
right	0340 418 081	HELLA 2XS 011 744-041



LED clearance light

Version with position, tail and side marker light
 Voltage 24 V
 Connection AMP Superseal
 Distance between holes 78 mm
 Width 177 mm
 Height 160 mm
 Depth 35 mm
 Cable length 800 mm
 Type surface-mounting, side
 Colour red/clear/yellow

Installation side	Order no.	Comparative no.
left	0011 744 211	HELLA 2XS 011 744-211
right	0011 744 201	HELLA 2XS 011 744-201





LED clearance light

Version	with position, tail and side marker light
Voltage	24 V
Connection	Quick-Link
Distance between holes	78 mm
Width	177 mm
Height	160 mm
Depth	35 mm
Type	surface-mounting, vertical
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	0340 418 131	HELLA 2XS 011 744-071
right	0340 418 121	HELLA 2XS 011 744-081



LED clearance light

Version	with position, tail and side marker light
Voltage	24 V
Connection	quick-link with clamping piece and cable
Distance between holes	78 mm
Width	183 mm
Height	102 mm
Depth	35 mm
Type	surface-mounting, standing horizontal
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	0340 448 031	HELLA 2XS 011 769-091
right	0340 448 021	HELLA 2XS 011 769-101



LED clearance light

Version	with position, tail and side marker light
Voltage	24 V
Connection	2 x 6,3 mm flat spade terminals
Width	133 mm
Height	100 mm
Type	surface-mounting
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Cable length	Order no.	Comparative no.
left	2000 mm	9260 001 193	HELLA 2XS 011 768-071
right	3000 mm	9260 001 192	HELLA 2XS 011 768-061





LED clearance light

Version with position, tail and side marker light
 Installation side left/right
 Voltage 24 V
 Connection Quick-Link with clamping piece
 Distance between holes 78 mm
 Width 133 mm
 Height 100 mm
 Depth 35 mm
 Type surface-mounting, at the side
 Colour red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 447 001	HELLA 2XS 011 768-001



7

Lighting



LED clearance light

Version with position, tail and side marker light
 Installation side left/right
 Voltage 12/24 V
 Colour red/clear/yellow

Order no.	Comparative no.
3900 014 029	Vignal D14029



LED clearance light

Version with position, tail and side marker light
 Voltage 12/24 V
 Cable length 1700 mm
 Colour red/clear/yellow

Fig.	Order no.	Comparative no.
1	3900 014 030	Vignal D14030
2	3900 014 031	Vignal D14031
3	3900 014 032	Vignal D14032



Clearance light

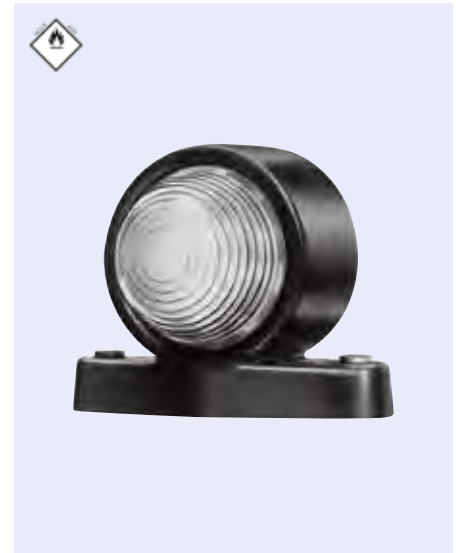
Version	straight, short	Width	98 mm
Installation location	at the side	Height	85 mm
Installation side	left/right	Depth	86 mm
Bulb type	R5W	Type	surface mounted
Voltage	12/24 V	Colour	red/clear
Fastening	2 holes, \varnothing 5,3 mm		

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0955 031 001	HELLA 2XS 955 031-001

Accessories

Description	Order no.	Comparative no.
Lens, red	0950 315 001	HELLA 9EL 950 315-061
Lens, clear	0950 315 031	HELLA 9EL 950 315-031



7

Lighting



Clearance light

Version	with position and tail light	Width	63 mm
Installation location	top	Height	72 mm
Installation side	left/right	Depth	70 mm
Bulb type	C5W	Type	surface-mounting
Voltage	12/24 V	Colour	clear/red
Fastening	1 x M10		

Scope of supply
with bulb holder

Order no.	Comparative no.
0001 633 211	HELLA 2TJ 001 633-211

Accessories

Description	Order no.	Comparative no.
Lens, clear	0132 403 001	HELLA 9EL 132 403-001
Lens, red	0132 404 001	HELLA 9EL 132 404-001



Clearance light

Bulb type	R5W
Voltage	12/24 V
Width	110 mm
Height	80 mm
Colour	red/clear

Order no.
1040 000 250





Clearance light

Version	with rubber base
Installation location	at the side
Installation side	left/right
Bulb type	T4W
Fastening	2 holes
Width	107 mm
Height	47 mm
Depth	41 mm
Type	FE81
Colour	red/clear

Order no.	Comparative no.
6211 810 000	Vignal 181000



Clearance light

Version	lens clear to the front, red to the rear	Distance between holes	68 mm
Installation location	rear, overhead, on the side	Width	42 mm
Installation side	left/right	Height	92 mm
Bulb type	TW4	Depth	37 mm
Voltage	12/24 V	Type	surface-mounting
Fastening	4 holes, \varnothing 4,2 mm	Colour	red/clear

Scope of supply
with lamp carrier

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0005 020 001	HELLA 2XS 005 020-001

Accessories

Description	Order no.	Comparative no.
Lens	0132 215 001	HELLA 9EL 132 215-001



Clearance light

Installation location	rear, on the side	Width	42 mm
Installation side	left/right	Height	120 mm
Bulb type	T4W	Depth	37 mm
Voltage	12/24 V	Type	surface-mounting
Fastening	2 x M6	Colour	red/clear

Scope of supply

with rubber hanger, fixing bracket and grommet

approved for vehicles in accordance with GGVS/ADR

Version	Order no.	Comparative no.
lens clear to the front, red to the rear	0005 020 021	HELLA 2XS 005 020-021
lens black to the front, red to the rear	0005 020 111	HELLA 2XS 005 020-111

Accessories

Description	Order no.	Comparative no.
Lens, clear/red	0132 215 001	HELLA 9EL 132 215-001
Lens, black/red	0132 215 011	HELLA 9EL 132 215-011





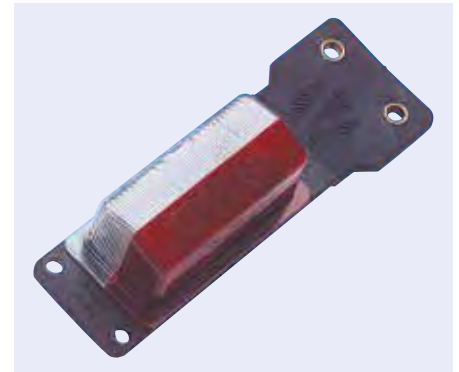
Clearance light

Installation location	at the side
Installation side	left/right
Bulb type	C5W
Fastening	2 holes each, with a \varnothing of 5 and 5,2 mm
Colour	red/clear

Scope of supply

with flexible swinging bracket

Order no.	Comparative no.
6211 881 100	Vignal 188110



Clearance light

Installation location	at the side	Width	42 mm
Installation side	left/right	Height	92 mm
Bulb type	T4W	Depth	37 mm
Voltage	12/24 V	Type	surface-mounting
Fastening	2 x M3,5	Colour	red

cable duct hole \varnothing 15.5 mm, without grommet

Scope of supply

with bulb holder

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0005 020 041	HELLA 2XS 005 020-041

Accessories

Description	Order no.	Comparative no.
Lens, black/red	0132 215 011	HELLA 9EL 132 215-011



Clearance light

with flexible suspended bracket

Bulb type	R5W	Height	116 mm
Voltage	12-24 V	Depth	43 mm
Fastening	2 x M6	Colour	red/clear
Width	42 mm		

Order no.
1040 000 201



Clearance light

with flexible 90° suspended bracket

Bulb type	R5W	Height	116 mm
Voltage	12/24 V	Depth	61 mm
Fastening	2 holes, \varnothing 6 mm	Colour	red/clear
Width	42 mm		

Order no.
1040 000 202



Clearance light

Version	without bracket
Bulb type	R5W
Voltage	12/24 V
Distance between holes	68 mm
Width	42 mm
Height	92 mm
Depth	37 mm
Type	surface-mounting
Colour	red/clear

Order no.

1040 000 200



Clearance light Rear-Logic

Version	with side marker light and reflector
Installation location	at the side
Bulb type	R10W
Voltage	12/24 V
Width	42 mm
Height	109,3 mm
Depth	56,2 mm
Type	surface-mounting
Colour	red/clear/yellow

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.	Comparative no.
left	0007 841 011	HELLA 2XS 007 841-011
right	0007 841 021	HELLA 2XS 007 841-021



Clearance light

Version	housing with straight arm
Installation location	at the side
Bulb type	R5W
Voltage	12/24 V
Fastening	2 holes, \varnothing 5,3 mm
Width	159,5 mm
Height	192 mm
Type	surface mounted
Colour	clear/red

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0955 232 001	HELLA 2XS 955 232-001

Accessories

Description	Order no.	Comparative no.
Lens, red	0950 315 001	HELLA 9EL 950 315-061
Lens, clear	0950 315 031	HELLA 9EL 950 315-031





Clearance light

Version	with bent rubber arm
Installation location	at the side
Bulb type	R5W
Voltage	12/24 V
Fastening	2 holes, \varnothing 5,3 mm
Width	160 mm
Height	185 mm
Type	surface mounted
Colour	clear/red

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0950 071 031	HELLA 2XS 950 071-031

Accessories

Description	Order no.	Comparative no.
Lens, red	0950 315 001	HELLA 9EL 950 315-061
Lens, clear	0950 315 031	HELLA 9EL 950 315-031



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Lighting

Clearance light

pre-wired, flexible mounting arm 90°

Bulb type	R5W
Voltage	12/24 V
Width	191 mm
Height	75 mm
Depth	38 mm
Colour	red/clear

Order no.
9582 710 032



Clearance light

Version	with side marker light and reflector	Fastening	4 holes, \varnothing 5,3 mm
Installation location	at the side	Width	185 mm
Installation side	left/right	Height	187 mm
Bulb type	R5W	Depth	45 mm
Voltage	12/24 V	Type	surface mounted

Application range
trailer

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0955 260 001	HELLA 2XS 955 260-001

Accessories

Description	Order no.	Comparative no.
Lens, clear	0964 289 001	HELLA 9EL 964 289-001
Lens, red	0964 290 001	HELLA 9EL 964 290-001



Licence plate lights

ECE-R48 Section 6.8 and ECE-R4

Attachment	
ECE-R48 Section 6.8.1	Prescribed for all trailers.
Number	
ECE-R48 Section 6.8.2	1 or more
Colour	
ECE-R48 Section 5.15	white
Mounting of the licence plate	
ECE-R48 Section 6.8.3	Must be applied in such a way that the identification is lit up.
Electrical wiring	
ECE-R48 Section 6.8.7	Must be designed so that the limiting, licence plate, tail and side marker lights can only be switched on and off simultaneously.
Switch-on control	
ECE-R48 Section 6.8.8	Permissible. If a control device is available, its function must be fulfilled by the control device prescribed for limiting and tail lights.



LED numberplate lamp

Version	screwed on
Installation location	side
Voltage	24 V
Connection	6,3 x 0,8 mm flat spade terminals
Length	63 mm
Width	66,2 mm
Height	93 mm
Type	surface-mounting
Colour	clear
Housing colour	black

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
	9260 001 058	HELLA 2KA 010 278-021
2000 mm	9260 001 152	HELLA 2KA 010 278-031





LED numberplate lamp

Installation location	side
Voltage	12/24 V
Cable length	2000 mm
Type	surface-mounting
Colour	clear
Housing colour	grey

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0012 271 031	HELLA 2KA 012 271-031



LED numberplate lamp

Version	screwed on
Installation location	side
Connection	AMP Superseal
Voltage	24 V
Cable length	2010 mm
Type	surface-mounting
Colour	clear
Housing colour	black

Order no.	Comparative no.
0010 278 081	HELLA 2KA 010 278-081



LED numberplate lamp

Version	screw-mounted, with plastic frame
Installation location	above/below the licence plate
Voltage	24 V
Width	82,7 mm
Height	32,6 mm
Depth	11,1 mm
Type	flush-mounting
Colour	clear
Housing colour	black

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
9260 001 045	HELLA 2KA 010 278-011





LED numberplate lamp

Installation location	side
Connection	Superseal
Voltage	12/24 V
Type	surface-mounting
Colour	clear
Housing colour	grey

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
1300 mm	0012 271 061	HELLA 2KA 012 271-061
2000 mm	0012 271 081	HELLA 2KA 012 271-081



LED numberplate lamp

Installation location	side
Connection	Quick-Link
Voltage	12/24 V
Cable length	500 mm
Type	surface-mounting
Colour	clear
Housing colour	grey

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0012 271 041	HELLA 2KA 012 271-041



LED numberplate lamp

Voltage	24 V
Fastening	2 x M4
Width	102 mm
Height	57 mm
Depth	55 mm
Housing colour	black

Scope of supply

with threaded stud, without cable

Order no.
1040 314 124



LED numberplate lamp

Version	with tail light
Voltage	24 V
Fastening	2 x M4
Width	102 mm
Height	57 mm
Depth	55 mm
Colour	clear/red
Housing colour	black

Scope of supply

with threaded stud, without cable

Order no.
1040 414 124





Numberplate lamp

Installation side	left/right
Socket	SV8,5/C5W
Voltage	12/24 V
Fastening	2 holes, \varnothing 5,4 mm
Width	115 mm
Height	55,5 mm
Depth	50 mm
Type	surface-mounting
Colour	clear
Housing colour	black

Application range

above the number plate 340 x 240 mm (1 lamp) and 520 x 120 mm (2 lamps) or to the left and right of the number plate 340 x 240 mm and 520 x 120 mm

Scope of supply

with grommet

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0007 929 001	Hella 2KA 007 929-001



7

Lighting



Numberplate lamp

Lamp holder with vibration damping

Installation side	left/right
Socket	BA15s/R10W
Voltage	12/24 V
Fastening	2 holes, \varnothing 4,5 mm
Width	102 mm
Height	55 mm
Depth	56,5 mm
Type	surface-mounting
Colour	clear
Housing colour	black

Application range

above the number plate 340 x 240 mm (1 lamp) and 520 x 120 mm (1 or 2 lamps)

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0998 523 001	HELLA 2KA 998 523-001





Numberplate lamp

with black rubber base and vibration insulator

Installation side	left/right
Socket	BA15s/R10W
Voltage	12/24 V
Fastening	2 holes, \varnothing 4,5 mm
Width	109,5 mm
Height	62 mm
Depth	58 mm
Type	surface-mounting
Colour	clear
Housing colour	black

Application range

for number plates 520 x 120 mm or 340 x 240 mm

Order no.	Comparative no.
0003 389 217	HELLA 2KA 003 389-211

Accessories

Description	Order no.	Comparative no.
Housing with lens and screw	0121 587 071	HELLA 9BG 121 587-071



Numberplate lamp

casing and base made of plastic

Installation side	left/right
Socket	BA15s/R10W
Voltage	12/24 V
Fastening	2 holes, \varnothing 4,5 mm
Width	102 mm
Height	55 mm
Depth	56,5 mm
Type	surface-mounting
Colour	clear
Housing colour	grey

Application range

above the number plate 340 x 240 mm (1 lamp) and 520 x 120 mm (1 or 2 lamps) or to the left and right of the number plate 340 x 240 mm and 520 x 120 mm

Scope of supply

with bulb holder

approved for vehicles in accordance with GGVS/ADR

Distance between holes	Order no.	Comparative no.
45 mm	0003 389 011	HELLA 2KA 003 389-011
72 mm	0003 389 001	HELLA 2KA 003 389-001





Numberplate lamp

Version	screwed on
Installation location	overhead/above the licence plate
Installation side	left/right
Bulb type	R10W
Socket	BA15s/R10W
Voltage	12/24 V
Fastening	2 holes, \varnothing 4,5 mm
Width	102 mm
Height	55 mm
Depth	56,5 mm
Type	surface-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0003 389 061	HELLA 2KA 003 389-061

Accessories

Description	Order no.	Comparative no.
Housing with lens and screw	0121 587 031	HELLA 9BG 121 587-031



7

Lighting



Numberplate lamp

Installation side	left/right
Socket	SV8,5/C5W
Voltage	12/24 V
Fastening	2 x M6
Width	80 mm
Height	28 mm
Depth	31 mm
Type	surface-mounting
Colour	clear
Housing colour	black

Scope of supply

with bulb holder, without bulb

Order no.	Comparative no.
0001 389 101	HELLA 2KA 001 389-101





Numberplate lamp

Installation side	left/right
Socket	BA15s/R5W
Voltage	12/24 V
Fastening	2 x M6
∅	53,5 mm
Width	87 mm
Height	67 mm
Type	surface-mounting/flush-mounting
Colour	clear
Housing colour	olive green

waterproof to 0,6 bar

Scope of supply
with bulb holder

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0001 324 041	HELLA 2KA 001 324-041



Numberplate lamp

Installation side	left/right
Socket	R10W
Voltage	12/24 V
Fastening	2 x M6
Width	100 mm
Height	58,2 mm
Depth	53,5 mm
Cable length	410 mm
Type	surface-mounting
Colour	clear
Housing colour	black

Application range
for connection to flat cable

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
6210 010 502	Vignal D10502



Numberplate lamp

Version	Feldbinder
Voltage	12/24 V
Width	101 mm
Height	58,2 mm
Depth	53,3 mm
Colour	clear
Housing colour	black

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
6216 710 500	Vignal 196020



Numberplate lamp

Version	with tail light
Installation location	overhead/above the licence plate
Installation side	left/right
Bulb type	R5W
Voltage	12/24 V
Fastening	2 holes, \varnothing 4,5 mm
Width	100 mm
Height	54 mm
Depth	54 mm
Type	surface-mounting
Colour	clear
Housing colour	black

Order no.

1040 000 500



Numberplate lamp

Version	with tail light
Installation location	overhead/above the licence plate
Installation side	left/right
Bulb type	R5W
Voltage	12/24 V
Fastening	2 holes, \varnothing 4,5 mm
Width	100 mm
Height	54 mm
Depth	54 mm
Type	surface-mounting
Colour	clear
Housing colour	red

Application range

for licence plates 520 x 120 mm or 340 x 240 mm

Scope of supply

with bulb holder

approved for vehicles in accordance with GGVS/ADR

E type and SAE approval, with TÜV certificate

Order no.

1040 000 501



Numberplate lamp

Installation side	left/right
Bulb type	R5W
Voltage	12/24 V
Fastening	2 x M6
Type	surface-mounting
Colour	clear
Housing colour	black

Order no.

1040 000 503



LED position/tail light

Version	with reflector light
Voltage	12-36 V DC
Width	110 mm
Height	54 mm
Depth	16 mm
Cable length	500 mm
Colour	red

EMV approval

Order no.

5129 000 002



LED position light

Installation side	left/right
Voltage	24 V
Width	96 mm
Height	20 mm
Depth	6,4 mm
Distance between holes	86 mm
Colour	red

Order no.

1040 000 040



LED position light

Version	with reflector
Installation side	left/right
Voltage	9-33 V
Distance between holes	116 mm
Width	130 mm
Height	32 mm
Depth	15,3 mm
Cable length	1000 mm
Type	surface mounting
Colour	red

Order no.

1040 000 017





LED position light

Version	with reflector
Voltage	24 V
Connection	quick-link with clamping piece and cable
Distance between holes	116 mm
Width	130 mm
Height	32 mm
Type	surface-mounting, vertical/horizontal
Colour	red

approved for vehicles in accordance with GGVS/ADR

Cable length	Order no.	Comparative no.
300 mm	0008 645 651	HELLA 2TM 008 645-651
5000 mm	0008 645 661	HELLA 2TM 008 645-661



LED position light with 6 LEDs

Voltage	24 V
Length	89 mm
Width	34 mm
Depth	24 mm
Type	attachment/body
Colour	red

Order no.

1040 000 211



LED position light SMD98

Version	with reflector, cable with click-in connection for flat cable
Installation side	left/right
Voltage	24 V
Connection	AMP JPT plug
Width	110 mm
Height	50 mm
Depth	18 mm
Cable length	3500 mm
Type	surface-mounting
Colour	red

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
6210 104 990	Vignal D10499

Accessories

Description	Order no.	Comparative no.
Bracket, 90° angled	6210 001 716	Vignal 001716





Position light

FE94

Installation side	left/right
Bulb type	T4W
Voltage	12/24 V
Connection	cable duct
Width	110 mm
Height	55 mm
Depth	34 mm
Colour	red
Housing colour	black

approved for vehicles in accordance with GGVS/ADR

This figure corresponds to 6211 943 100

Version	Order no.	Comparative no.
without reflector	6211 943 100	Vignal 194310
with reflector	8840 203 070	Vignal 194250

Accessories

This figure corresponds to 6210 015 861

Description	Order no.	Comparative no.
Bracket, straight	6210 015 861	Vignal 001596
Bracket, 90° angled	6210 015 860	Vignal 001586
Lens with reflector, left/right	3900 094 056	Vignal 094056





LED reversing light

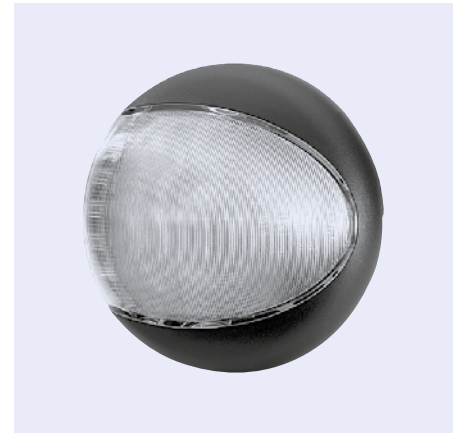
Version	with one white LED
Voltage	12/24 V
Fastening	2 x \varnothing 5,3 x 110 mm
Height	130 mm
Depth	30 mm
Cable length	2500 mm
Type	surface-mounting
Colour	clear
Housing colour	black

Order no.

0959 820 601

Comparative no.

HELLA 2ZR 959 820-601



LED reversing light with 24 LEDs

Voltage	12/24 V
\varnothing	122,4 mm
Depth	46,5 mm
Cable length	500 mm
Type	surface-mounting/flush-mounting
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

0344 200 051

Comparative no.

HELLA 2ZR 344 200-051



LED reversing light with 24 LEDs

Version	screwed on
Voltage	12/24 V
\varnothing	83 mm
Depth	40 mm
Cable length	2500 mm
Type	flush-mounted
Colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

9260 001 382

Comparative no.

HELLA 2ZR 959 010-501





LED reversing light with 4 LEDs and bracket

Voltage	10-32 V
Lighting power	1080 lm
Connection	DT connector
Width	83 mm
Height	75 mm
Depth	80 mm
Type	surface-mounting
Protection class	IP67K
Colour	clear

Order no.

1007 000 000



7

Lighting



LED reversing light with 24 LEDs

Version	screwed on
Voltage	12/24 V
Fastening	2 x Ø 6,2 x 148 mm
Width	177 mm
Height	100 mm
Depth	31 mm
Cable length	2500 mm
Colour	clear

Type	Order no.	Comparative no.
surface-mounting, vertical	0980 605 701	HELLA 2ZR 980 605-701
surface-mounting, horizontal	0980 605 201	HELLA 2ZR 980 605-201



LED reversing light Power Beam 1000

Voltage	12/24 V
Connection	DT connector
Width	145,3 mm
Height	120,2 mm
Depth	61,6 mm
Type	surface-mounting, suspended/upright
Colour	clear

Order no.

0996 188 121

Comparative no.

HELLA 2ZR 996 188-121

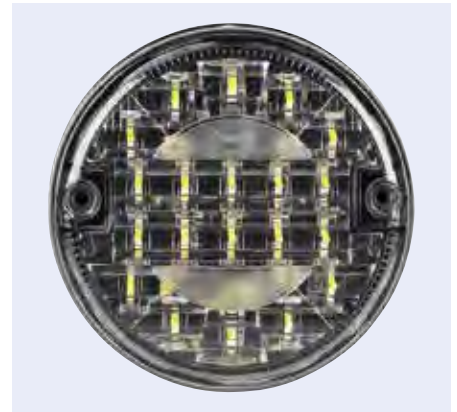


LED reversing light

Installation side	left/right
Voltage	9-33 V
Connection	Cable grommet
Fastening	2 x \varnothing 6 x 45 mm
\varnothing	140 mm
Depth	71,5 mm
Type	surface-mounting, horizontal
Colour	clear

Order no.

1040 000 300



Reversing light

Bulb type	P21W
Voltage	12/24 V
Fastening	2 x M6
\varnothing	140 mm
Depth	92 mm
Type	surface-mounting, horizontal
Colour	clear
Housing colour	black

Scope of supply

without bulb, with seal, with plastic lens

approved for vehicles in accordance with GGVS/ADR

Order no.

Comparative no.

0001 423 001

HELLA 2ZR 001 423-001

Accessories

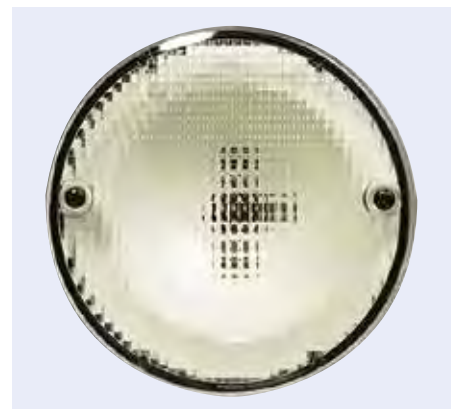
Description	Order no.	Comparative no.
Lens	0106 588 001	HELLA 9ES 106 588-001
Installation set	0997 909 801	HELLA 9XD 997 909-801

Reversing light

Installation location	rear
Installation side	rear
Bulb type	P21W
Voltage	12/24 V
Fastening	2 x M6
Distance between holes	45 mm
\varnothing	140 mm
Depth	78 mm
Type	surface-mounting, horizontal
Colour	clear
Housing colour	black

Order no.

1040 000 302



Reversing light

Bulb type	P21W
Voltage	12/24 V
Distance between holes	45 mm
Width	117 mm
Height	139 mm
Depth	63 mm
Colour	clear
Housing colour	black

Order no.

1040 000 301



Reversing light

Bulb type	P21W
Voltage	12/24 V
Fastening	2 x M4
Distance between holes	45 mm
Width	84 mm
Height	84 mm
Depth	51 mm
Type	surface-mounting, horizontal
Colour	clear
Material	plastic

Order no.

0003 014 091

Comparative no.

HELLA 2ZR 003 014-091

Accessories

Description	Order no.	Comparative no.
Lens	0110 544 001	HELLA 9EL 110 544-001



Reversing light

ground cabled, with plug connection, mounting: 2 x M6, with 45 mm separation

Bulb type	P21W
Voltage	12/24 V
Fastening	2 self-tapping screws 4,8 x 19
Width	97 mm
Height	97 mm
Depth	57 mm
Type	surface-mounting
Colour	clear
Housing colour	black
Material	plastic

Order no.

0003 315 041

Comparative no.

HELLA 2ZR 003 315-041





Reversing light

Version	ZR 100
Bulb type	P21W
Voltage	12/24 V
Fastening	Bracket with M8 retaining bolt
Width	98 mm
Height	78 mm
Depth	65 mm
Type	surface-mounting, vertical/horizontal
Colour	clear
Housing colour	chrome
Material	metal

Scope of supply
with seal and plastic washer

Order no.	Comparative no.
0003 030 171	HELLA 2ZR 003 030-171



Reversing light

Version	ZR 80
Bulb type	P21W
Voltage	12/24 V
Fastening	bracket with M8 retaining bolt
Width	124 mm
Height	74 mm
Depth	66 mm
Type	surface-mounting, vertical/horizontal
Colour	clear
Housing colour	black
Material	plastic

Order no.	Comparative no.
0002 985 261	HELLA 2ZR 002 985-261



Reversing light

Version	with rubber underlay
Bulb type	P21W
Voltage	12/24 V
Fastening	2 x \varnothing 6 x 62 mm
Width	140 mm
Height	70 mm
Depth	49 mm
Colour	clear

Order no.
1040 000 303





LED rear fog lamp Euro LED

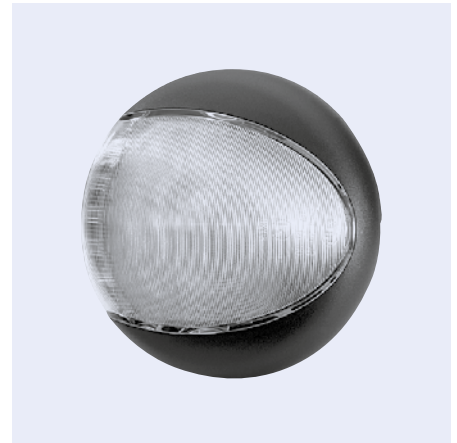
Version	with one red LED
Voltage	12/24 V
∅	130 mm
Depth	30 mm
Cable length	2500 mm
Type	surface-mounting
Light colour	red
Lens colour	clear

Order no.

9260 001 429

Comparative no.

HELLA 2NE 959 821-201



7

Lighting



LED rear fog lamp with 16 LEDs

Voltage	12/24 V
∅	122,4 mm
Depth	46,5 mm
Cable length	500 mm
Type	surface-mounting/flush-mounting
Light colour	red
Lens colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

0344 200 061

Comparative no.

HELLA 2NE 344 200-061



LED rear fog lamp with 16 LEDs

Voltage	12/24 V
∅	122,4 mm
Depth	46,6 mm
Cable length	500 mm
Type	surface-mounting
Colour	red

approved for vehicles in accordance with GGVS/ADR

Order no.

0344 200 091

Comparative no.

HELLA 2NE 344 200-091





LED rear fog lamp with 24 LEDs

∅	83 mm
Depth	40 mm
Cable length	2500 mm
Type	flush-mounting
Light colour	red
Lens colour	clear

approved for vehicles in accordance with GGVS/ADR

Order no.

9260 001 353

Comparative no.

HELLA 2NE 959 011-501



LED rear fog lamp

Voltage	9-22 V
∅	140 mm
Depth	71,5 mm
Colour	red

Order no.

1040 031 032



Rear fog lamp

Voltage	9-22 V
∅	95 mm
Depth	30,8 mm
Colour	red

Order no.

1040 000 210





Rear fog lamp

Installation side	left/right
Bulb type	P21W
Voltage	12/24 V
Connection	male spade connector
Fastening	2 x M6
∅	140 mm
Depth	92 mm
Type	surface-mounting, horizontal
Colour	red
Housing colour	black
Material	plastic

Scope of supply

without bulb, with seal, with plastic lens

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0001 423 011	HELLA 2NE 001 423-011



Rear fog lamp

Installation side	left/right
Bulb type	P21W
Voltage	12/24 V
Pin spacing	45 mm
∅	140 mm
Depth	78 mm
Type	surface-mounting
Colour	red

Order no.
1040 000 351



Rear fog lamp

Installation side	left/right
Bulb type	P21W
Voltage	12/24 V
Fastening	2 x B4,8 x 19 mm
Distance between holes	45 mm
Width	97 mm
Height	97 mm
Depth	57 mm
Type	surface-mounting
Colour	red
Housing colour	black
Material	plastic

Order no.	Comparative no.
0003 315 011	HELLA 2NE 003 315-011

Accessories

Description	Order no.	Comparative no.
Lens	0119 977 001	HELLA 9EL 119 977-001





Rear fog lamp

Version	with lamp carrier
Installation side	left/right
Bulb type	P21W
Voltage	12/24 V
Fastening	2 x M6
Distance between holes	45 mm
Width	117 mm
Height	139 mm
Depth	63 mm
Type	surface-mounting/flush-mounting, vertical/horizontal
Colour	red
Housing colour	black
Material	plastic

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0003 236 001	HELLA 2NE 003 236-001

Accessories

Description	Order no.	Comparative no.
Lens	0119 544 001	HELLA 9EL 119 544-001



7
Lighting

Rear fog lamp

Installation side	left/right
Bulb type	P21W
Voltage	12/24 V
Width	117 mm
Height	139 mm
Depth	63 mm
Type	surface-mounting/flush-mounting
Colour	red

Order no.
1040 000 350



Rear fog lamp

Installation side	left/right
Bulb type	P21W
Voltage	12/24 V
Fastening	bracket with M8 retaining bolt
Width	98 mm
Height	78 mm
Depth	65 mm
Type	surface-mounting, vertical/horizontal
Colour	red
Housing colour	chrome

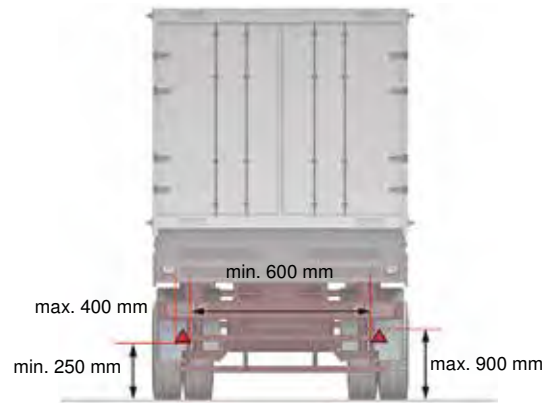
Order no.	Comparative no.
0003 030 151	HELLA 2NE 003 030-151



Rear reflectors

ECE-R48 Section 6.15 and ECE-R3

Attachment	
ECE-R48 Section 6.15.1	Prescribed for all trailers.
Number	
ECE-R48 Section 6.15.2	min. 2 units
Colour	
ECE-R48 Section 5.15	Red
Shape	
ECE-R48 Section 6.15	triangular
Mounting diagram	
ECE-R48 Section 6.15.3	The tip of the triangle must be pointing upwards.
Mounting width	
ECE-R48 Section 6.15.4.1	max. 400 mm from outermost point of the vehicle width, min. 600 mm between the two reflectors, but min. 400 mm, if the vehicle width < 1,300 mm
Mounting height	
ECE-R48 Section 6.15.4.2	min. 250 mm, max. 900 mm, max. 1,200 mm if integrated in another light (exception: 1,500 mm), an exception is only possible if the vehicle geometry does not enable standard mounting
Geometric viewing angle	
ECE-R48 Section 6.15.5	Horizontal $\pm 30^\circ$. Vertical $\pm 15^\circ$, but for mounting height < 750 mm 5° downwards.
Other regulations	
ECE-R48 Section 6.15.9	The illuminating surface of the reflector must be integrated in every other reversing light.



Triangular reflector

Version	screwed on, with plastic base plate
Colour	red
Width	156 mm
Height	136 mm
Distance between holes	70 mm
Type	surface-mounting

Order no.
0002 020 001

Comparative no.
HELLA 8RA 002 020-001



Triangular reflector

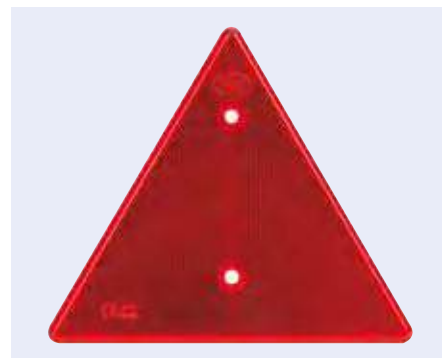
Version	self-adhesive
Colour	red
Width	134,4 mm
Height	121,7 mm

Order no.
1040 000 757



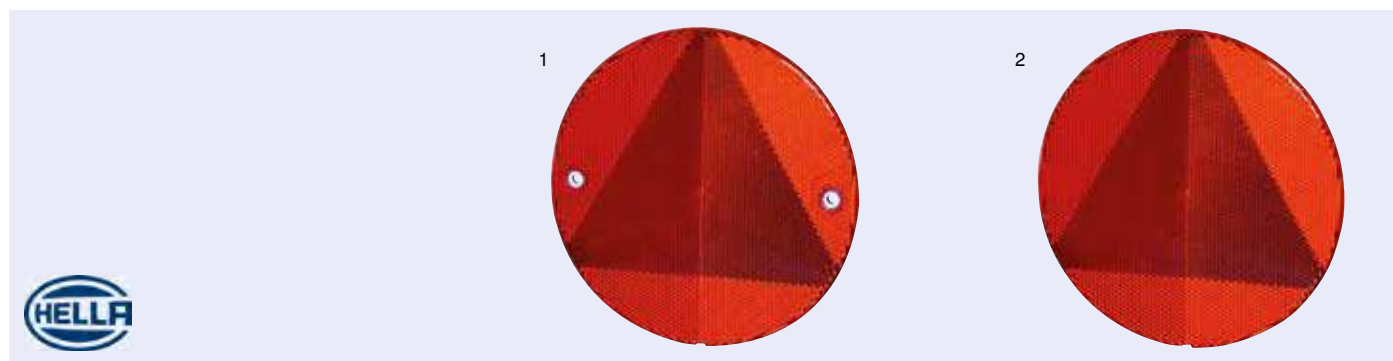
Triangular reflector

Version screwed on
 Colour red
 Width 156 mm
 Height 136 mm



Order no.

9890 150 045



Round reflector

Colour red
 Ø 155,8 mm
 Type surface-mounting

Version	Fig.	Order no.	Comparative no.
screwed on	1	0343 220 017	HELLA 8RA 343 220-017
self-adhesive	2	0343 220 007	HELLA 8RA 343 220-007



Round reflector

Version self-adhesive, with base plate
 Colour red
 Ø 60 mm

Order no.	Comparative no.
0002 014 081	HELLA 8RA 002 014-281



Round reflector

Version screwed on, with frame and base plate
 Colour red
 Installation location rear
 Type surface-mounting
 Fastening threaded bolt M5 x 15 mm

Ø	Order no.	Comparative no.
85 mm	0002 016 111	HELLA 8RA 002 016-111
95 mm	0002 016 121	HELLA 8RA 002 016-121



Round reflector

Version screwed on
 Colour red
 ∅ 148 mm
 Depth 16 mm

Order no.

1040 000 756



7

Lighting



Round reflector

Version self-adhesive
 Colour clear
 Installation location front
 ∅ 60 mm
 Type surface-mounting

Order no.

0002 014 091

Comparative no.

HELLA 8RA 002 014-291



Round reflector

Version self-adhesive
 Colour yellow
 ∅ 60 mm
 Type surface-mounting

Order no.

0002 014 101

Comparative no.

HELLA 8RA 002 014-301



Rectangular reflector

Version self-adhesive
 Colour red
 Length 70 mm
 Width 31,5 mm
 Depth 5 mm
 Type surface-mounting, vertical/horizontal

Order no.

0004 412 021

Comparative no.

HELLA 8RA 004 412-021





Rectangular reflector

Colour red
 Length 94 mm
 Width 44 mm
 Depth 6,5 mm
 Type surface-mounting, vertical/horizontal

This figure corresponds to 0003 326 001

Version	Order no.	Comparative no.
screwed on, with plastic base plate	0003 326 001	HELLA 8RA 003 326-001
self-adhesive	0003 326 031	HELLA 8RA 003 326-031



Rectangular reflector

Version self-adhesive
 Colour clear
 Length 70 mm
 Width 31,5 mm
 Depth 5 mm
 Type surface-mounting, vertical/horizontal

Order no.	Comparative no.
0004 412 011	HELLA 8RA 004 412-011

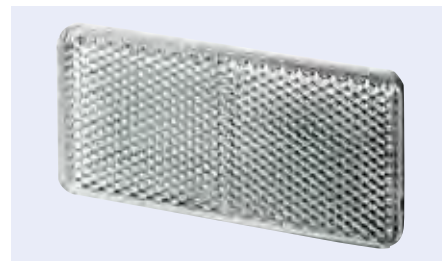


Rectangular reflector

Colour clear
 Length 94 mm
 Width 44 mm
 Depth 6,5 mm

This figure corresponds to 0003 326 051

Version	Order no.	Comparative no.
self-adhesive	0003 326 051	HELLA 8RA 003 326-051
screwed on, with plastic base plate	0003 326 021	HELLA 8RA 003 326-021



Rectangular reflector

Version self-adhesive
 Colour clear
 Length 95 mm
 Width 44 mm

Order no.
9645 216 171





Rectangular reflector

Version self-adhesive
 Colour yellow
 Length 70 mm
 Width 31,5 mm
 Depth 5 mm

Order no.	Comparative no.
0004 412 001	HELLA 8RA 004 412-001



Rectangular reflector

Version self-adhesive
 Colour yellow
 Length 94 mm
 Width 44 mm
 Depth 6,5 mm

Order no.	Comparative no.
0003 326 042	HELLA 8RA 003 326-041



Rectangular reflector

Version screwed on, with plastic base plate
 Colour yellow
 Length 94 mm
 Width 44 mm
 Depth 6,5 mm
 Type surface-mounting

Order no.	Comparative no.
0003 326 011	HELLA 8RA 003 326-011



Suspended bracket for reflectors

Version steel strapping with PVC coating
 Width 51 mm
 Distance between holes 25-36 mm
 Fastening 3 holes, \varnothing 6,5 mm

Scope of supply
 2 mounting bolts M5 x 20 mm

Length	Order no.	Comparative no.
200 mm	0002 240 001	HELLA 8HG 002 240-001
300 mm	0002 240 021	HELLA 8HG 002 240-021
400 mm	0002 240 031	HELLA 8HG 002 240-031





LED additional stop light

Version	with 12 LEDs and cable 2500 mm
Voltage	24 V
Distance between holes	237,7 mm
Width	258,5 mm
Height	26 mm
Depth	28 mm
Type	surface-mounting
Light colour	red

Lens colour	Order no.	Comparative no.
red	0959 071 737	HELLA 2DA 959 071-737
clear	0959 071 237	HELLA 2DA 959 071-237



LED additional stop light

Version	with 10 LEDs and cable 3000 mm
Installation location	rear
Voltage	24 V
Distance between holes	244,25 mm
Width	280 mm
Height	26 mm
Depth	10 mm
Type	surface-mounting
Colour	red
Housing colour	red

Order no.	Comparative no.
0343 106 011	HELLA 2DA 343 106-011



LED additional stop light

Version	with 20 LEDs
Voltage	24 V
Width	283 mm
Height	24 mm
Depth	24 mm
Type	surface-mounting
Colour	red

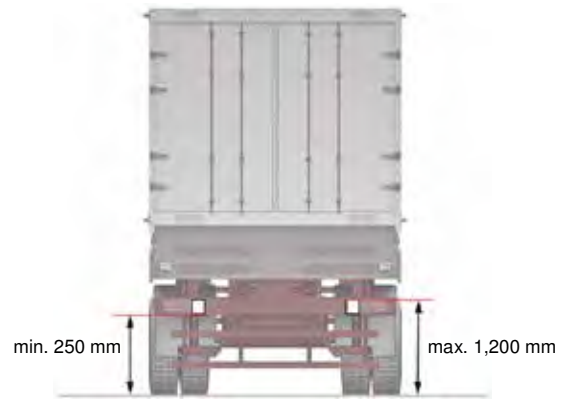
Order no.
9890 150 167



Reversing lights

ECE-R48 Section 6.4 and ECE-R23

Attachment	
ECE-R48 Section 6.4.1	Compulsory for all trailers for vehicle classes O ₂ , O ₃ and O ₄ . Permissible for trailers for vehicle class O ₁ .
Number	
ECE-R48 Section 6.4.2	1 unit prescribed, a 2nd is permissible for trailers < 6 m. 2 units prescribed for trailers > 6 m and 2 additional permissible. Mounting of the two optional reversing lights also permitted on the side of the vehicle.
Colour	
ECE-R48 Section 5.15	White
Mounting width	
ECE-R48 Section 6.4.4.1	no regulations
Mounting height	
ECE-R48 Section 6.4.4.2	min. 250 mm, max. 1,200 mm
Geometric viewing angle	
ECE-R48 Section 6.4.5	1 lamp: Horizontal $\pm 45^\circ$. 2 lamps: Horizontal 30° inwards, up to 45° outwards. Vertical 15° upwards, up to 5° downwards.
Electrical wiring	
ECE-R48 Section 6.4.7	Activation only when reverse gear is engaged and vehicle is ready for operation. Special conditions in Section 6.4.7.2 apply to the optional reversing lights.
Switch-on control	
ECE-R48 Section 6.4.8	Permissible



LED reversing light

with reverse polarity protection, surge protection and surrounding bracket

Voltage	12/24 V
Width	110 mm
Height	110 mm
Depth	48 mm
Type	surface-mounted, suspended/upright
Colour	clear

Application range

specially designed for use as an auxiliary reversing function

approved for vehicles in accordance with GGVS/ADR

Model	Version	Connection	Lighting power	Cable length	Order no.
Repulse	near-field illumination, with 1 LED	AMP Superseal connector (2-pin)	300 lm	2000 mm	0012 456 001
Repulse Pro	near-field illumination, with 3 LEDs	AMP Superseal connector (2-pin)	700 lm	2000 mm	0012 456 201
Repulse Pro	screwed on, with 3 LEDs	6,3 mm female spade connector	700 lm	3500 mm	0012 456 221



LED reversing light Modul 70 LED, with 4 LEDs

Version	screwed on, close range illumination
Voltage	12/24 V
Lighting power	800 lm
Cable length	2000 mm
∅	83 mm
Height	110,4 mm
Depth	73,8 mm
Type	Attachment, upright
Colour	clear

Order no.

0996 376 091

Comparative no.

HELLA 2ZR 996 376-091



H3 reversing light Ultra Beam

lens halfway through without optics

Voltage	24 V
Fastening	M10
Width	112 mm
Height	102 mm
Depth	97 mm
Type	surface-mounting
Colour	clear
Housing colour	black
Material	housing made of plastic

Order no.

9260 001 163

Comparative no.

HELLA 2ZR 996 506-501



H3 reversing light Ultra Beam, with FF® technology

Voltage	24 V
Connection	AMP connector, 2-pin
Fastening	M10
Width	112 mm
Height	102 mm
Depth	97 mm
Cable length	2000 mm
Type	surface-mounted, suspended/upright
Colour	clear
Housing colour	black

Scope of supply

with bulb

Order no.

0997 506 391

Comparative no.

HELLA 2ZR 997 506-391





LED working floodlight

Q90 LED, with 4 LEDs

with reverse polarity protection, over-voltage protection and Thermo Management

Voltage	12/24 V
Lighting power	1200 lm
Light aperture	90 x 84 mm
Width	94,6 mm
Height	144 mm
Depth	57,3 mm
Cable length	500 mm
Type	surface-mounted, suspended/upright
Colour	clear

Version	Order no.	Comparative no.
near-field illumination	0996 283 001	HELLA 1GA 996 283-001
far-reaching illumination	0996 283 011	HELLA 1GA 996 283-011



LED working floodlight

with 5 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination
Voltage	10-30 V
Lighting power	4500/2290 lm
Power consumption	50 W
Width	145 mm
Height	98 mm
Depth	79 mm
Type	surface mounting
Colour	clear
Material	aluminium casing
Protection class	IP69K

Scope of supply

mounting kit incl. 500 mm connection cable

EMC approval

Order no.
7001 000 005





LED working floodlight

with reverse polarity protection, lens made of impact and scratch resistant plastic

Voltage	10-30 V
Width	100 mm
Height	100 mm
Depth	40 mm
Type	surface mounting
Colour	clear
Material	aluminium casing
Protection class	IP69K

Scope of supply

mounting kit incl. 500 mm connection cable

EMC approval

Description	Version	Lighting power	Power consumption	Fig.	Order no.
with 5 LEDs	near-field illumination	850/600 lm	9 W	1	7001 000 002
with 9 LEDs	far-reaching illumination	1530/1210 lm	15 W	2	7001 000 008





LED working floodlight

with reverse polarity protection, over-voltage protection and Thermo Management

Connection with integrated 2-pole DT plug
 Type surface-mounting, suspended/upright
 Colour clear

ECE-R10 approval

Model	Voltage	Version	Lighting power	Light aperture	Fig.	Order no.	Comparative no.
Power Beam 1000	9-33 V	near-field illumination, with 6 LEDs	850 lm	100 x 80 mm	1 ²	0996 188 001	HELLA 1GA 996 188-001
Power Beam 1500	9-33 V	near-field illumination, with 6 LEDs	1300 lm	100 x 80 mm	1 ²	0996 288 011	HELLA 1GA 996 288-011
Power Beam 1500	9-33 V	far-reaching illumination, with 6 LEDs	1300 lm	100 x 80 mm	1 ²	0996 288 001	HELLA 1GA 996 288-001
Power Beam 1800	24 V	near-field illumination, with 6 LEDs, with dimming function	1850 lm	100 x 80 mm	1	0996 388 011	HELLA 1GA 996 388-011
Power Beam 1800	24 V	far-reaching illumination, with 6 LEDs, with dimming function	1850 lm	100 x 80 mm	1	0996 388 031	HELLA 1GA 996 388-031
Power Beam 3000	9-33 V	near-field illumination, with 16 LEDs	3000 lm	83 x 83 mm	2 ^{1/2}	0996 192 001	HELLA 1GA 996 192-001
Power Beam 3000	9-33 V	far-reaching illumination, with 16 LEDs	3000 lm	83 x 83 mm	2 ^{1/2}	0996 192 011	HELLA 1GA 996 192-011
Power Beam 5000	9-33 V	near-field illumination, with 23 LEDs	4500 lm	145 x 125 mm	3	0996 194 001	HELLA 1GB 996 194-001
Power Beam 5000	9-33 V	far-reaching illumination, with 23 LEDs	4500 lm	145 x 125 mm	3	0996 194 031	HELLA 1GB 996 194-031

¹ Cable length 2000 mm ² ADR/GGVS tested



LED working floodlight Ultra Beam LED

with reverse polarity protection, over-voltage protection and Thermo Management

Voltage 12/24 V
 Lighting power 2000 lm
 Connection DT connector
 Width 115 mm
 Height 132 mm
 Depth 85 mm
 Light aperture 105 x 95 mm
 Type surface-mounting, suspended/upright
 Colour clear

approved for vehicles in accordance with ADR/GGVs



Version	Order no.	Comparative no.
near-field illumination, with 9 LEDs	0995 506 001	HELLA 1GA 995 506-001
far-reaching illumination, with 9 LEDs	0995 506 031	HELLA 1GA 995 506-031



LED working floodlight with 9 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version near-field illumination
 Voltage 12-55 V
 Lighting power 1685/1300 lm
 Power consumption 13,5 W
 Width 100 mm
 Height 100 mm
 Depth 74 mm
 Type surface mounting
 Colour clear
 Material plastic casing
 Protection class IP68

Scope of supply
 mounting kit incl. 1500 mm connection cable

EMC approval

Order no.
5129 000 000





LED working floodlight with 12 LEDs

support rotatable through 120°

Version	near-field illumination
Voltage	10-33 V
Connection	DT connector with 2 m cable
Width	109 mm
Height	109 mm
Depth	90 mm
Colour	clear
Protection class	IP68

EMC approval

This figure corresponds to 1007 000 293

Lighting power	Power consumption	Order no.
2400/1750 lm	17 W	1007 000 284
4000/3300 lm	38 W	1007 000 293



LED working floodlight with 16 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination	Depth	48 mm
Voltage	10-30 V	Type	surface mounting
Lighting power	2720/2200 lm	Colour	clear
Power consumption	25 W	Material	aluminium casing
Width	108 mm	Protection class	IP69K
Height	108 mm		

Scope of supply

mounting kit incl. 1000 mm connection cable

EMC approval

Order no.
7001 000 004



LED working floodlight with 6 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination	Depth	58 mm
Voltage	10-30 V	Type	surface mounting
Lighting power	1140/1061 lm	Colour	clear
Power consumption	18 W	Material	aluminium casing
Width	160 mm	Protection class	IP69K
Height	46 mm		

Scope of supply

mounting kit incl. 500 mm connection cable

EMC approval

Order no.
7001 000 007





LED working light rail

Version far-reaching spotlight illumination
 Voltage 10-32 V
 Lighting power 16200 lm
 Power consumption 180 W
 Connection ATP connector

Width 818 mm
 Height 86,5 mm
 Depth 78 mm
 Colour clear
 Protection class IP67

EMC approval

Order no.

1007 000 150

WHEN LIGHTING MATTERS

INNOVATION,
 FUNCTION,
 QUALITY,
 DESIGN.



AVAILABLE IN EUROPART STORES





LED working floodlight

with reverse polarity protection, over-voltage protection and Thermo Management

Version	near-field illumination
Voltage	12/24 V
Cable length	300 mm
Type	surface-mounting, upright
Colour	clear
Protection class	IP6K9K, IP6K8

Model	Lighting power	Width	Height	Depth	Light aperture	Fig.	Order no.	Comparative no.
AP 1200 LED	1200 lm	130 mm	130/183 mm	48 mm	120 x 120 mm	1	0011 720 041	HELLA 1GA 011 720-041
AP 1800 LED	1800 lm		190 mm	46 mm	∅ 140 mm	2	0013 722 001	HELLA 1G4 013 722-001



LED working floodlight

Version	near-field illumination
Voltage	12/24 V
∅	140 mm
Depth	46 mm
Cable length	300 mm
Type	surface-mounting, upright
Colour	clear

Description	Lighting power	Order no.	Comparative no.
with 3 LEDs	700 lm	0012 722 001	HELLA 1G4 012 722-001
with 4 LEDs	1200 lm	0011 722 001	HELLA 1G4 011 722-001
with 4 LEDs	1800 lm	0013 722 001	HELLA 1G4 013 722-001





LED working floodlight

with reverse polarity protection, over-voltage protection and Thermo Management

Voltage 12/24 V
 Type surface-mounted, suspended/upright
 Colour clear

ECE-R10 approval

Model	Version	Height	Depth	∅	Lighting power	Fig.	Order no.	Comparative no.
Modul 70 LED Gen. IV	near-field illumination, with 3 LEDs	88 mm	74 mm	83 mm	2500 lm	1	¹ 0996 476 001	HELLA 1G0 996 476-001
Modul 70 LED Gen. IV	far-reaching illumination, with 3 LEDs	88 mm	74 mm	83 mm	2500 lm	1	¹ 0996 476 011	HELLA 1G0 996 476-011
Modul 90 LED	near-field illumination, with 4 LEDs	115 mm	99 mm	107 mm	3400 lm	2	0996 263 031	HELLA 1G0 996 263-031
Modul 90 LED	far-reaching illumination, with 4 LEDs	115 mm	99 mm	107 mm	3400 lm	2	0996 263 051	HELLA 1G0 996 263-051

¹ Cable length 2000 mm



LED working floodlight

with reverse polarity protection, lens made of impact and scratch resistant plastic

Voltage 10-30 V
 ∅ 107 mm
 Depth 41,5 mm
 Type surface mounting
 Colour clear
 Material aluminium casing
 Protection class IP69K

Scope of supply
 mounting kit incl. 500 mm connection cable

EMC approval

Description	Version	Lighting power	Power consumption	Fig.	Order no.
with 6 LEDs	near-field illumination	1020/600 lm	9 W	1	7001 000 003
with 9 LEDs	far-reaching illumination	1530/1250 lm	15 W	2	7001 000 006



H3 worklight

Ultra-Beam Standard FF® technology

Optics for extremely extensive and uniform ground illumination

Version	with protruding edge	Width	112 mm
Voltage	12/24 V	Height	102/127 mm
Light aperture	83 x 83 mm	Depth	97 mm
Range	30 m	Type	surface-mounting, suspended/upright
Angle of tilt	15-20°	Colour	clear
Connection	AMP	Material	plastic

Scope of supply

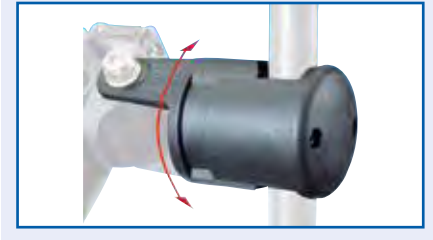
with swivel base and M10 mounting bolt

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0007 506 001	HELLA 1GA 007 506-001

Accessories This figure corresponds to 0990 263 111

Description	Order no.	Comparative no.
Bracket for mounting on tubes (∅ 15-28 mm)	0990 263 111	HELLA 8HG 990 263-111
Bracket for mounting on frame or bodywork	0990 298 001	HELLA 9XD 990 298-001



H3 worklight

Ultra-Beam Heavy Duty

Optics for extremely extensive and uniform ground illumination

Voltage	12/24 V	Height	102/152 mm
Light aperture	83 x 83 mm	Depth	97 mm
Range	30 m	Type	surface-mounting, suspended/ upright
Angle of tilt	15-20°	Colour	clear
Connection	AMP	Material	plastic
Width	112 mm		

Scope of supply

with mounting bracket and vibration damper for four-point mounting

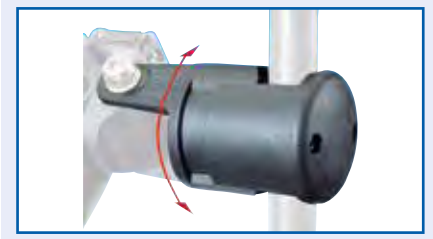
approved for vehicles in accordance with GGVS/ADR

This figure corresponds to 0007 506 011

Connection	Version	Order no.	Comparative no.
AMP	with protruding edge and non-patterned lens	0007 506 011	HELLA 1GA 007 506-011
	FF®-technology, with protruding edge and non-patterned lens	0007 506 091	HELLA 1GA 007 506-091

Accessories This figure corresponds to 0990 263 111

Description	Order no.	Comparative no.
Bracket for mounting on tubes (∅ 15-28 mm)	0990 263 111	HELLA 8HG 990 263-111
Bracket for mounting on frame or bodywork	0990 298 001	HELLA 9XD 990 298-001



H3 worklight

with mounting bracket and flat plug connection

Voltage	12/24 V
Connection	AMP connector, 2-pole
Width	105 mm
Height	105 mm
Depth	90 mm
Type	surface-mounting
Colour	clear

Order no.

1040 000 163



H3 worklight

Master 5060

Version	with protruding edge
Voltage	12/24 V
Light aperture	135 x 75 mm
Width	153 mm
Height	118 mm
Depth	92 mm
Type	surface-mounting, suspended/upright
Colour	clear
Material	Casing made of glass-fibre reinforced plastic

Scope of supply

with M10 mounting bolt

Description	Angle of tilt	Order no.	Comparative no.
far-reaching illumination	15-20°	0005 060 001	HELLA 1GA 005 060-005
near-field illumination	20-25°	0005 060 041	HELLA 1GA 005 060-041



H3 worklight

Picador 6876 FF® technology

Optics for ground illumination

Version	with protruding edge
Voltage	12/24 V
Light aperture	125 x 75 mm
Range	25 m
Angle of tilt	20-25°
Width	154 mm
Height	94 mm
Depth	77 mm
Type	surface-mounting, upright
Colour	clear
Housing colour	black
Material	Casing made of plastic

Scope of supply

with M10 mounting bolt

Order no.

0006 876 001

Comparative no.

HELLA 1GA 006 876-001



H3 worklight

Version with swivelling bracket
 Voltage 12-24 V
 Width 156 mm
 Height 110 mm
 Depth 72 mm
 Type surface-mounting
 Colour clear

Order no.

1040 000 150



H3 worklight

Matador

honeycomb lens for close-range illumination, with protruding edge, protective grid and hand grip, can be turned to all sides

Version with splash-proof switch
 Voltage 12/24 V
 Light aperture 140 mm
 Ø 168 mm
 Height 263 mm
 Type surface-mounting, bracket
 Colour clear
 Material housing and safety guard made of glass-fibre reinforced plastic

Scope of supply

with mounting bracket for four-point fixing, without bulb

Order no.

0003 470 031

Comparative no.

HELLA 1G4 003 470-031



H3 worklight

Torero 5760

prismatic optics for far-reaching illumination

Voltage 12/24 V
 Light aperture 120 mm
 Fastening universal bracket M10
 Ø 152 mm
 Height 239 mm
 Type surface mounted, suspended/upright
 Colour clear
 Material housing made of plastic

Version	Fig.	Order no.	Comparative no.
with projecting rim and hand grip	1	0005 760 031	HELLA 1G3 005 760-031
with projecting rim, hand grip, safety guard, switch and longer angle bracket	2	0005 760 021	HELLA 1G3 005 760-021



H3 worklight Module 70 with FF® technology

near-field illumination

Voltage	12/24 V
Light aperture	77 mm
∅	83 mm
Height	111 mm
Depth	75,3 mm
Colour	clear
Material	plastic casing

Scope of supply

with swivel base and M10 mounting bolt

Type	Order no.	Comparative no.
Attachment, upright	0996 176 001	HELLA 1G0 996 176-001
surface-mounting	0996 176 111	HELLA 1G0 996 176-111



H3 worklight Oval 100 with FF® technology

optics for extensive ground illumination

Version	with protruding edge
Voltage	24 V
Light aperture	130 x 75 mm
Connection	AMP
Width	160 mm
Height	128 mm
Depth	78 mm
Type	surface-mounting
Colour	clear
Material	housing and glass retaining frame made of glass-fibre reinforced plastic

Scope of supply

with swivel base and M10 mounting bolt

Order no.	Comparative no.
9260 001 274	HELLA 1GA 996 361-011





LED flashing beacon

with 12 high power LEDs and programmable electronics for different flash sequences, plain lens, with reverse polarity protection

∅	147 mm
Voltage	10-30 V
Light colour	yellow
Lens colour	clear
Material	PC
Protection class	IP67

EMC approval

Fastening	Height	Fig.	Order no.
permanent surface mounting	75 mm	1	1040 450 050
Pipe connection	170 mm	2	1040 450 051
Magnet	76 mm	3	1040 450 052



LED rotating beacon

KL 7000 LED

impact-proof, flat polycarbonate beacon dome, radio interference suppression: CISPR 25, class 5 (conducted), maintenance-free, very long service life, insensitive to vibrations and shocks, intensive lighting effect with low current draw, optimum thermal management, innovative electronic design enables rotating LED light function without moving parts, with reverse polarity protection, **LED upgrade of existing halogen versions without major installation work**

∅	165 mm
Voltage	12/24 V
Power consumption	10 W
Standard	DIN 14 620
Protection class	IP5KX, IPX4K, IPX9K
Colour	yellow

Application range

for use under extreme conditions

approved for vehicles in accordance with GGVS/ADR

Model	Fastening	Height	Fig.	Order no.	Comparative no.
KL 7000 LED F	permanent surface mounting	118,9 mm	1	0011 484 001	HELLA 2RL 011 484-001
KL 7000 LED FL	flexible tube bracket	193,9 mm	2	0011 484 011	HELLA 2RL 011 484-011
KL 7000 LED M	with magnet	131,2 mm	3	0011 484 021	HELLA 2RL 011 484-021



LED rotating beacon

K-LED 2.0

with shell reflector and 20 high-power LEDs, programmable electronics for different flashing sequences or rotating function, light intensity automatically matched to the ambient light using a sensor (day/night mode), with reverse polarity protection, polycarbonate lens

Power consumption max. 30 W
 Voltage 12/24 V
 Protection class IP67, IP5K4K, IPX9K
 Colour yellow

approved for vehicles in accordance with GGVS/ADR
 EMC approval

Model	Fastening	∅ x height	Fig.	Order no.	Comparative no.
K-LED 2.0 F	permanent surface mounting	169,3 x 87,6 mm	1	0011 557 101	HELLA 2XD 011 557-101
K-LED 2.0 R	tube bracket	165 x 160,6 mm	2	0011 557 201	HELLA 2XD 011 557-201
K-LED 2.0 M	with magnet	165 x 95,6 mm	3	0011 557 301	HELLA 2XD 011 557-301



LED rotating beacon

K-LED FO

Fresnel optics for ideal light output, 8 flashing frequencies, very long service life, high resistance to vibration, low current draw, intelligent and powerful electronics, extremely short response times

Voltage 12/24 V
 Type Attachment
 Light colour yellow
 Lens colour clear

approved for vehicles in accordance with GGVS/ADR

Model	Fastening	∅ x height	Fig.	Order no.	Comparative no.
K-LED FO F	permanent surface mounting	148 x 88 mm	1	0010 311 001	HELLA 2XD 010 311-001
K-LED FO FL	Flexible tube bracket	148 x 132 mm	2	0010 311 011	HELLA 2XD 010 311-011



LED rotating beacon

Rota LED

impact resistant, low-profile polycarbonate beacon dome, **rotating LED light function**, long service life, maintenance-free, high resistance to vibration, minimal power consumption, housing base of rubber

Voltage 12/24 V
Power consumption 10 W
Ø 135 mm
Colour yellow

approved for vehicles in accordance with GGVS/ADR

Model	Fastening	Height	Fig.	Order no.	Comparative no.
Rota LED F	permanent surface mounting	124 mm	1	9260 210 979	HELLA 2RL 010 979-001
Rota LED FL	Flexible tube bracket	184 mm	2	0010 979 011	HELLA 2RL 010 979-011
Rota LED M	with magnet	126 mm	3	0010 979 021	HELLA 2RL 010 979-021



LED rotating beacon

with three different flashing patterns at choice

Voltage 12-24 V
Power consumption 20 W
Colour yellow
Protection class IP65

Fastening	Ø	Height	Fig.	Order no.
fixed surface-mounting	142 mm	183 mm	1	1007 000 141
tube bracket	128 mm	235 mm	2	1007 000 142



LED rotating beacon

low variant

Voltage 12-24 V
Lens colour yellow
Protection class IP65

Fastening	Ø x height	Fig.	Order no.
fixed surface-mounting	210 x 140 mm	1	1007 809 066
tube bracket	128 x 210 mm	2	1007 809 067



Xenon flashing warning light KLX Junior Plus F

Ø	147 mm
Height	190,5 mm
Voltage	24 V
Fastening	fixed mounting
Type	surface-mounting
Colour	yellow

Order no.
0009 051 011

Comparative no.
HELLA 2XD 009 051-011



H1 rotating beacon

KL 7000

efficient light production through the special optics of the sturdy beacon dome, electronic motor control ensures an absolutely constant speed of rotation, reverse voltage protection, highest EMC protection class

Voltage	24 V
Protection class	IP5K4K, IP9K
Colour	yellow

Scope of supply with bulb

Model	Fastening	Ø x height	Fig.	Order no.	Comparative no.
KL 7000 F	permanent surface mounting	155 x 194 mm	1	0008 061 111	HELLA 2RL 008 061-111
KL 7000 FL	flexible tube bracket	155 x 240 mm	2	0008 063 111	HELLA 2RL 008 063-111
KL 7000 R	tube bracket	135 x 221 mm	3	0004 957 111	HELLA 2RL 008 060-111

Accessories

Description	Order no.	Comparative no.
Lens	0862 141 001	HELLA 9EL 862 141-001



H1 rotating beacon

Junior

Voltage 24 V
 Height 172,5 mm
 Colour yellow
 Type surface-mounting

Scope of supply
 with bulb

This figure corresponds to 8000 003 307



Model	Fastening	∅	Order no.	Comparative no.
Junior F	Fixed mounting	137 mm	8000 003 307	HELLA 2RL 007 550-011
Junior M	Magnetic base	136 mm	0007 552 011	HELLA 2RL 007 552-011

Accessories

Description	Order no.	Comparative no.
Lens	0860 627 001	HELLA 9EL 860 627-001



H1 rotating beacon

Rotafix

Voltage 24 V
 Colour yellow
 Type surface-mounting

Scope of supply
 with bulb

Model	Fastening	∅ x height	Fig.	Order no.	Comparative no.
Rotafix F	Fixed mounting	130 x 174 mm	1	0007 337 011	HELLA 2RL 007 337-011
Rotafix M	Magnetic base	130 x 174 mm	2	0007 337 031	HELLA 2RL 007 337-031
Rotaflex FL	flexible tube bracket	135 x 222 mm	3	0006 846 011	HELLA 2RL 006 846-011

Accessories

Description	Order no.	Comparative no.
Lens	0859 020 001	HELLA 9EL 859 020-001



H1 rotating beacon

Voltage 9-33 V
Colour yellow

Fastening	Ø x height	Fig.	Order no.
fixed surface-mounting	152 x 120/162,6 mm	1	1040 000 027
Magnet	146 x 120/166 mm	2	1040 004 601
flexible tube bracket	146 x 120/260 mm	3	1040 022 405



Push-on tube

Ø 24 mm
Length 100 mm

Application range

for mounting on a bracket fitted to the side of the vehicle or for welding to a flange

Scope of supply

complete, with cap, rubber plugs and brass socket to DIN 72 591

Order no.
0002 365 001

Comparative no.
HELLA 8HG 002 365-001



Push-on tube

Ø 24 mm
Length 100 mm

Application range

for mounting on a bracket fitted to the side of the vehicle or for welding to a flange

Scope of supply

complete, with cap, rubber plugs and brass socket to DIN 72 591

Order no.
0006 294 051

Comparative no.
HELLA 8HG 006 294-051





Push-on tube

Version tilted, with 90 mm fitting angle
 ∅ 24 mm
 Length 100 mm

Scope of supply
 complete, with cap, rubber plugs and brass socket to DIN 72 591

Order no.
 0006 294 021

Comparative no.
 HELLA 8HG 006 294-021



7

Lighting



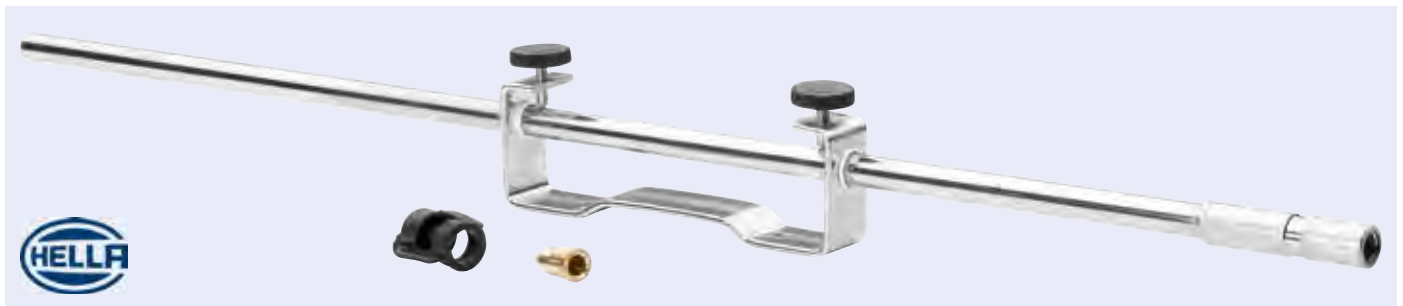
Push-on tube

Version swivelling
 ∅ 24 mm
 Length 100 mm

Scope of supply
 complete, with cap, rubber plugs and brass socket to DIN 72 591

Order no.
 0006 294 031

Comparative no.
 HELLA 8HG 006 294-031



Push-on tube

screw fittings possible up to 700 mm

Version adjustable at both sides
 ∅ 24 mm
 Length 1000 mm

Scope of supply
 complete, with cap, rubber plugs and brass socket to DIN 72 591

Order no.
 0006 294 041

Comparative no.
 HELLA 8HG 006 294-041



LED flashing warning light set

BST

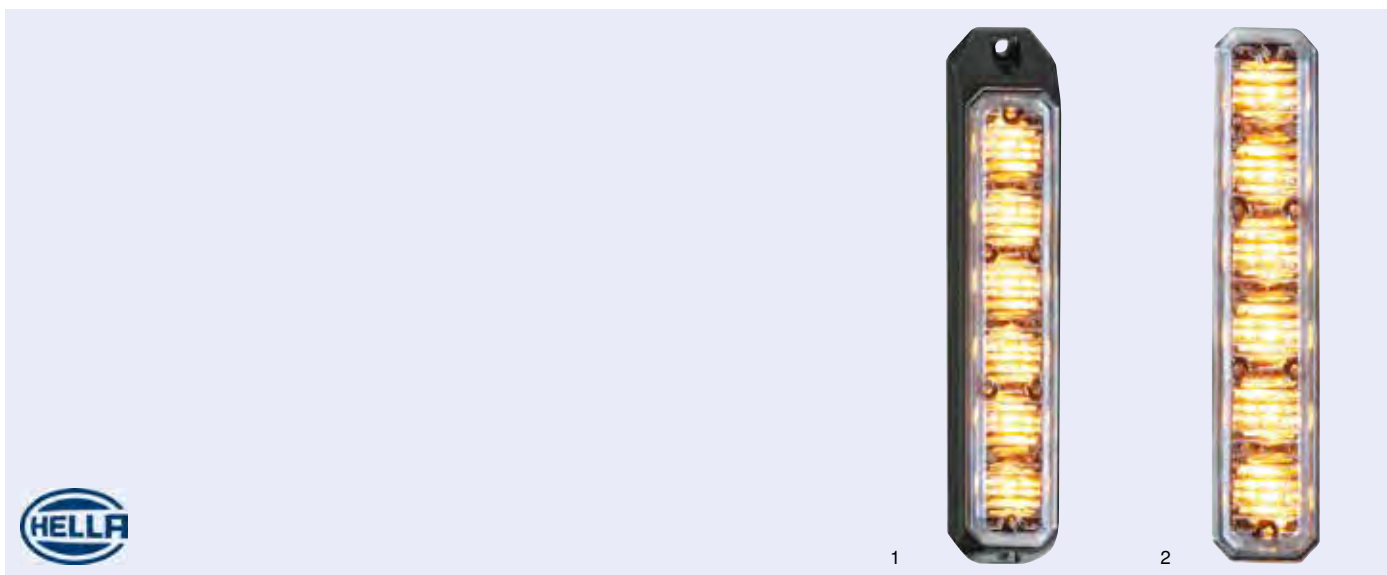
1x to 4x flash, continuous light, with surge protection

Voltage 12/24 V
 Type surface-mounting, horizontal
 Protection class IP6K4K, IP9K
 Light colour yellow
 Lens colour clear

Scope of supply

2 LED beacons

Fastening	Dimensions	Cable length	Fig.	Order no.	Comparative no.
permanent surface-mounting	127.5 x 28 x 17 mm	200 mm	1	0012 160 851	HELLA 2XD 012 160-851
Bracket installation	107 x 24 x 42 mm	970 mm	2	0012 160 861	HELLA 2XD 012 160-861



Flashing warning light set

BST

1x to 4x flash, continuous light, with surge protection

Voltage 12/24 V
 Type surface-mounting, vertical
 Protection class IP6K4K, IP9K
 Light colour yellow
 Lens colour clear

Scope of supply

2 LED beacons

Fastening	Dimensions	Cable length	Fig.	Order no.	Comparative no.
permanent surface-mounting	127.5 x 28 x 17 mm	200 mm	1	0012 160 951	HELLA 2XD 012 160-951
Bracket installation	107 x 24 x 42 mm	970 mm	2	0012 160 961	HELLA 2XD 012 160-961



LED interior light

adjustable spot, 20° to all sides

Version	white Luxeon Power LED
Voltage	12/24 V
Power consumption	2,5 W
Fastening	screw fitting or with spring clip
Length	110 mm
Width	70,2 mm
Depth	42,2 mm
Cable length	200 mm
Type	flush-mounting
Colour	clear
Housing colour	black/white

Order no.	Comparative no.
0343 700 051	HELLA 2JA 343 700-051



7

Lighting



LED interior light

with cool white light

Version	4 white LEDs
Voltage	12/24 V
Power consumption	6 W
Fastening	4 holes, Ø 4 mm
Ø	180 mm
Depth	23,5 mm
Cable length	310 mm
Type	flush-mounting
Protection class	IP6K9K
Colour	clear
Housing colour	silver

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0343 227 001	HELLA 2JB 344 227-001



LED interior light

Version	10 white LEDs
Voltage	24 V
Power consumption	2 W
Fastening	2 screws
Length	258,5 mm
Width	26,2 mm
Depth	28 mm
Cable length	2500 mm
Type	flush-mounting
Colour	clear

Scope of supply

screws, screw caps, seal and cable connector

Order no.	Comparative no.
0959 073 201	HELLA 2JA 959 073-201





LED interior light

wide illumination in the near field

Version	10 white LEDs
Voltage	24 V
Power consumption	3,6 W
Fastening	screw mounting
Width	280 mm
Height	25,6 mm
Depth	10 mm
Cable length	1000 mm
Type	surface-mounting
Protection class	IP69
Colour	clear
Housing colour	grey

Order no.	Comparative no.
0343 606 017	HELLA 2JA 343 606-011



7

Lighting



LED interior light with 8 power LEDs

Voltage	9-32 V
Power consumption	12 V/3,3 W, 0,28 A 24 V/3,3 W, 0,14 A
Lighting power	300 lm
Width	105 mm
Height	82 mm
Depth	16/18 mm
Type	surface-mounting
Colour	clear

Application range

ideal for use as ceiling lights in refrigerated vans, ambulances, driver's cabs and storage areas



Version	Cable length	Protection class	Order no.	Comparative no.
with motion sensor	2400 mm	IP 54	0012 557 001	HELLA 2JA 012 557-001
without motion sensor	2400 mm	IP 67	0012 557 701	HELLA 2JA 012 557-011



Interior light

Version	with economy circuit
Voltage	12/24 V
Fastening	4 x M4
∅	184 mm
Depth	7/37 mm
Type	flush-mounting
Colour	clear
Housing colour	white

choice of bulbs, 2 x R10W full power or 1 x T4W and 1 x H5W (12 V) economy circuit

Order no.	Comparative no.
0005 590 001	HELLA 2JA 005 590-001





Interior light

Version with switch
 Bulb type K (10W)
 Voltage 12/24 V
 Fastening 2 holes, \varnothing 6 mm
 Length 205 mm
 Width 70 mm
 Depth 35 mm
 Type surface-mounting
 Colour clear

Order no.
0003 354 001

Comparative no.
 HELLA 2JA 003 354-001



Interior light

Version with switch
 Socket C5W
 Voltage 12/24 V
 Fastening 2 holes, \varnothing 5 mm
 Length 165 mm
 Width 35 mm
 Depth 25 mm
 Type surface-mounting
 Colour clear

Order no.
0001 330 001

Comparative no.
 HELLA 2JA 001 330-001



Interior light transistor ceiling light

fluorescent lamp (TL)

Version fully interference suppressed, with switch
 Voltage 24 V
 Fastening 2 holes, \varnothing 5 mm
 Length 440 mm
 Width 59 mm
 Depth 35 mm
 Type surface-mounting
 Colour clear

Scope of supply

with compact fluorescent lamp, 8 W

Order no.
0007 372 011

Comparative no.
 HELLA 2JA 007 372-011

Service parts

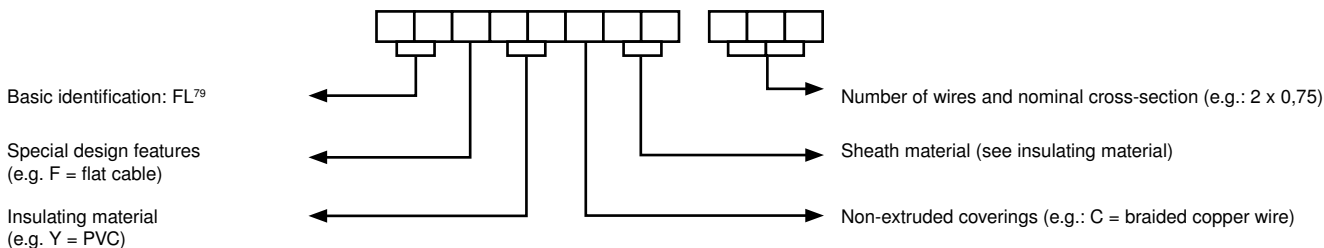
Description
 Fluorescent lamp

Order no.
0002 296 111



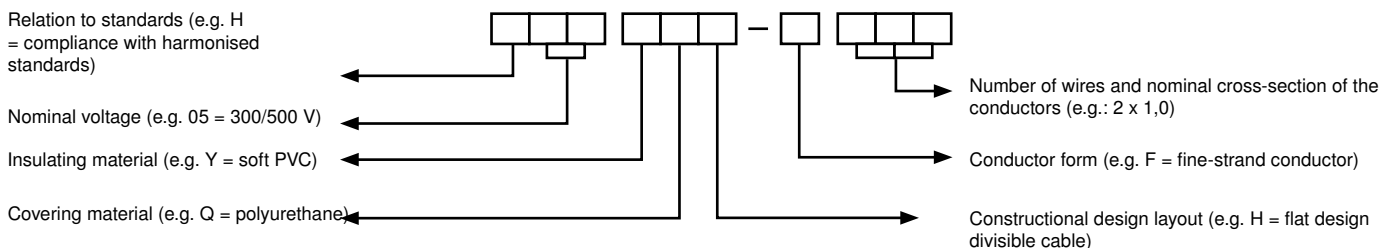
Short designations of vehicle cables

Illustration of the coding in accordance with DIN 7672278:



1. block (basic identification)		2. block (design features)		3. block (insulating material and sheath material)	
FL	Vehicle cable	F	Flat cable	Y	PVC
		R	Reduced wall thickness	X	PVC-X (X=networked)
		Z	Multi-wire detachable cable	11Y	PUR

Illustration of the coding in accordance with DIN VDE 0292



1. block (standard assignment)		2. block (rated voltage)		3. block (insulating material and sheath material)		4. block (conductor type)	
H	harmonised	1	100/100 V	V	PVC, soft	F	Flexible conductor of a flexible cable (flexibility corresponds to EN 60228 Class 5)
A	not harmonised, national	3	300/300 V	R	Ethylene-propylene rubber or similar synthetic elastomer	D	Flexible conductor for weld cables in accordance with HD 22.6
		5	300/500 V	N2	Special polychlorophene rubber mixture for covering of weld cables in accordance with HD 22.6		
		7	450/750 V				

Application:

Cables are required wherever electrical current flows from A to B in a vehicle. Their design, size, material and version are determined by the requirements to be met in terms of voltage, current and frequency, and by the ambient conditions to which the cable is exposed.

Advantages of the range:

- Vehicle cables in accordance with ISO 6722
- Wide range for numerous possible uses

EUROPART
GOOD TO KNOW



Vehicle cable

structure: bright soft annealed copper wires, thermoplastic insulating sleeve (PVC)

Version single wire
 Standard DIN/ISO 6722-3
 Short description FLY
 Length 50 m

charge in meters per ring



Cross-section	Core colour	Order no.	Comparative no.
0,75 mm ²	black	0712 929 001	HELLA 8KL 712 929-001
0,75 mm ²	red	0712 933 001	HELLA 8KL 712 933-001
0,75 mm ²	blue	0712 934 001	HELLA 8KL 712 934-001
1 mm ²	black	0712 936 001	HELLA 8KL 712 936-001
1 mm ²	white	0712 937 001	HELLA 8KL 712 937-001
1 mm ²	red	0712 940 001	HELLA 8KL 712 940-001
1 mm ²	brown	0712 942 001	HELLA 8KL 712 942-001
1 mm ²	green	0712 939 001	HELLA 8KL 712 939-001
1,5 mm ²	black	0712 943 001	HELLA 8KL 712 943-001
1,5 mm ²	white	0712 944 001	HELLA 8KL 712 944-001
1,5 mm ²	red	0712 948 001	HELLA 8KL 712 948-001
1,5 mm ²	blue	0712 949 001	HELLA 8KL 712 949-001
1,5 mm ²	brown	0712 950 001	HELLA 8KL 712 950-001
2,5 mm ²	black	0712 952 001	HELLA 8KL 712 952-001
2,5 mm ²	white	0712 953 002	HELLA 8KL 712 953-001
2,5 mm ²	red	0712 957 001	HELLA 8KL 712 957-001
2,5 mm ²	blue	0712 958 001	HELLA 8KL 712 958-001
2,5 mm ²	brown	0712 959 001	HELLA 8KL 712 959-001
4 mm ²	black	0712 960 002	HELLA 8KL 712 960-001
4 mm ²	red	0712 962 001	HELLA 8KL 712 962-001
6 mm ²	black	0712 964 001	HELLA 8KL 712 964-001
6 mm ²	red	0712 965 001	HELLA 8KL 712 965-001
10 mm ²	black	0712 967 001	HELLA 8KL 712 967-001
10 mm ²	red	0712 968 001	HELLA 8KL 712 968-001
16 mm ²	black	0712 969 001	HELLA 8KL 712 969-001
25 mm ²	black	0712 970 001	HELLA 8KL 712 970-001
35 mm ²	black	0712 971 001	HELLA 8KL 712 971-001
50 mm ²	black	0712 972 001	HELLA 8KL 712 972-001

Further types on request!



Vehicle cable

structure: bright soft annealed copper wires, insulation and sheath of thermoplastic (PVC)

Version multicore
Short description FLYY

charge in meters per ring



Cross-section	Core colour	Standard	Length	Order no.	Comparative no.
1 x 1,5 mm ²	black	DIN/ISO 6722-3	50 m	0712 975 001	HELLA 8KL 712 975-001
1 x 2,5 mm ²	black	DIN/ISO 6722-3	50 m	0712 976 001	HELLA 8KL 712 976-001
2 x 0,75 mm ²		DIN/ISO 6722-3	100 m	0735 190 001	HELLA 8KL 735 190-001
2 x 0,75 mm ²	blue/brown	DIN/ISO 6722	200 m	0712 986 001	HELLA 8KL 712 986-001
2 x 1 mm ²	blue/brown	DIN/ISO 6722	50 m	0712 991 001	HELLA 8KL 712 991-001
2 x 1,5 mm ²		DIN/ISO 6722-3	50 m	0712 977 001	HELLA 8KL 712 977-001
2 x 1,5 mm ²	blue/brown	DIN/ISO 6722	50 m	0712 992 001	HELLA 8KL 712 992-001
2 x 2,5 mm ²		DIN/ISO 6722-3	50 m	0712 978 001	HELLA 8KL 712 978-001
3 x 1,5 mm ²	blue/brown/black	DIN/ISO 6722	50 m	0712 993 001	HELLA 8KL 712 993-001
4 x 0,75 mm ²	black/white/red/yellow	DIN/ISO 6722	200 m	0712 987 001	HELLA 8KL 712 987-001
4 x 1 mm ²	black/white/red/brown	DIN/ISO 6722	50 m	0712 994 001	HELLA 8KL 712 994-001
4 x 1,5 mm ²	black/white/red/brown	DIN/ISO 6722	50 m	0712 995 001	HELLA 8KL 712 995-001
5 x 1 mm ²	black/brown/white/red/blue	DIN/ISO 6722	50 m	0712 996 001	HELLA 8KL 712 996-001
5 x 1,5 mm ²	black/brown/white/red/blue	DIN/ISO 6722	50 m	0715 434 001	HELLA 8KL 715 434-001
7 x 0,75 mm ²	black/brown/blue/white/red/green/yellow	DIN/ISO 6722	200 m	0712 990 001	HELLA 8KL 712 990-001
7 x 1 mm ²	black/brown/blue/white/red/green/yellow	DIN/ISO 6722	50 m	0715 435 001	HELLA 8KL 715 435-001
7 x 1,5 mm ²	black/brown/blue/white/red/green/yellow	DIN/ISO 6722	50 m	0712 997 001	HELLA 8KL 712 997-001
8 x 1,5 mm ²	black/brown/white/red/blue/green/yellow/grey	DIN/ISO 6722	50 m	0713 735 001	HELLA 8KL 713 735-001
9 x 1,5/4 x 2,5 mm ²	black/green/blue/brown/red/yellow	DIN/ISO 6722-3	25 m	0719 852 001	HELLA 8KL 719 852-001
12 x 1,5/3 x 2,5 mm ²	black/brown/red/blue/yellow/green/grey/pink/white/orange	DIN/ISO 6722	50 m	0742 810 001	HELLA 8KL 742 810-001



Vehicle cable

structure: copper wire, bright, fine-wired, identifying colour of the insulation: black

Version medium, multi-core rubber hose cable
Standard DIN/ISO 6722-3
Length 50 m

charge in meters per ring



Cross-section	Short description	Core colour	Order no.	Comparative no.
2 x 1,5 mm ²	H05 RR-F	blue/brown	0713 740 001	HELLA 8KL 713 740-001
3 x 0,75 mm ²	A05 RR-F		0713 737 001	HELLA 8KL 713 737-001
3 x 1 mm ²	A05 RR-F		0713 741 001	HELLA 8KL 713 741-001
3 x 1,5 mm ²	A05 RR-F		0713 742 001	HELLA 8KL 713 742-001
7 x 1,5 mm ²	05 RR-F	black/brown/blue/white/red/green/yellow	0715 437 001	HELLA 8KL 715 437-001

The appropriate tools, such as crimping pliers, can be found under the "Tools" heading in the "Workshop Requirements" section.



Vehicle cable

structure: copper cable, bright, fine wired, outer sheath of rubber

Version	special weld cable
Standard	according to DIN VDE
Short description	H01N2-D
Core colour	black
Length	50 m

Application range

for connection of machine and hand welders

charge in meters per ring

Cross-section	Order no.	Comparative no.
25 mm ²	0713 751 001	HELLA 8KL 713 751-001
35 mm ²	0713 752 001	HELLA 8KL 713 752-001
50 mm ²	0713 753 001	HELLA 8KL 713 753-001

Further types on request!



Vehicle cable

structure: bright soft annealed copper wires, thermoplastic insulating sleeve (PVC), 2 strands joined by separable bridges

Version	PVC flat cable
Standard	DIN/ISO 6722-3
Short description	XYFAZ
Length	50 m

Application range

for speakers and stereo systems

charge in meters per ring

Cross-section	Core colour	Order no.	Comparative no.
2 x 0,75 mm ²		0712 980 001	HELLA 8KL 712 980-001
2 x 1,5 mm ²	black/black-grey	0712 981 001	HELLA 8KL 712 981-001



Supply cable

EBS

Standard	ISO 7683/ISO 4141/ISO 6722
Voltage	12/24 V
Version	7-core
Cross-section	5 x 1,5 + 2 x 4 + 2 x 1,5 mm ²
Material	PU

not approved for vehicles according to GGVS/ADR regulations

Length	Container	Order no.
25 m	Roll	3131 800 882
50 m	Roll	3131 800 881





Harness

with 1 x DIN bayonet and 7 x female spade connectors 6,3 mm

Version 7-pole intermediate adapter
 Length 3050 mm
 Cross-section 6 x 1 + 1,5 mm²

Installation side	Order no.	Comparative no.
left	0340 928 211	HELLA 8KA 340 928-211
right	0340 928 201	HELLA 8KA 340 928-201



Harness

with DT connector and socket housing with open cable ends

Length 2000 mm
 Cross-section 2 x 1 mm²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 038 131	HELLA 8KA 340 038-131



The appropriate tools, such as crimping pliers, can be found under the "Tools" heading in the "Workshop Requirements" section.



Electric cable

Connection DT connector
Number of poles 2

Length	Order no.
0,5 m	1007 008 092
3 m	6430 008 090
5 m	1007 008 091
10 m	1007 008 090

Accessories

Description	Fig.	Order no.
Plug, with contact sleeves	1	1007 008 094
Plug housing, with contact sleeves	2	1007 008 093

SUPERSEAL System

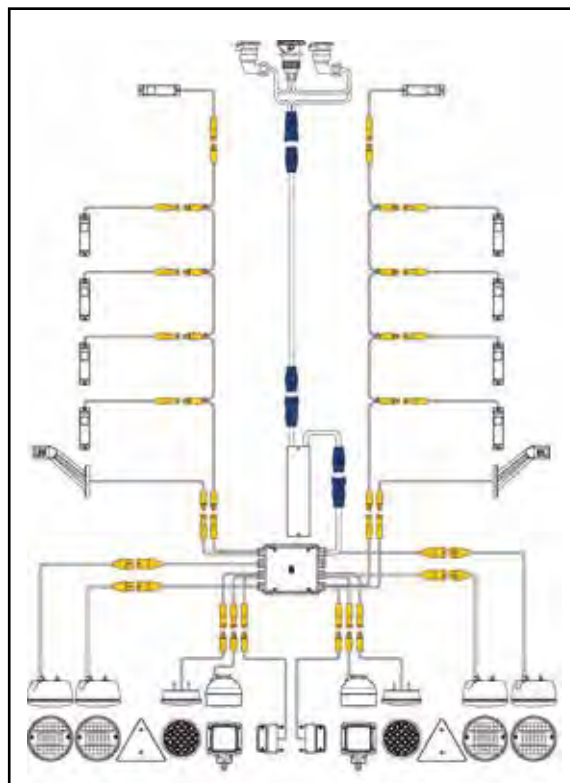
Thanks to their high degree of protection IP 6K9K, the SUPERSEAL plug-in connections of the EasyConn NextGeneration range are ideal for particularly adverse ambient conditions. This established system offers maximum protection against external influences (e.g. ingress of water and dust), a reliable electrical connection and the high quality of original equipment.

Now, as before, the 15-pin secondary/main lines of the wiring are part of the tried-and-tested EasyConn system. The SUPERSEAL System is used most often for round lights with 2 or 4 pin connectors.

The advantages: original equipment quality, reliable electrical connection, maximum protection against external influences



System components



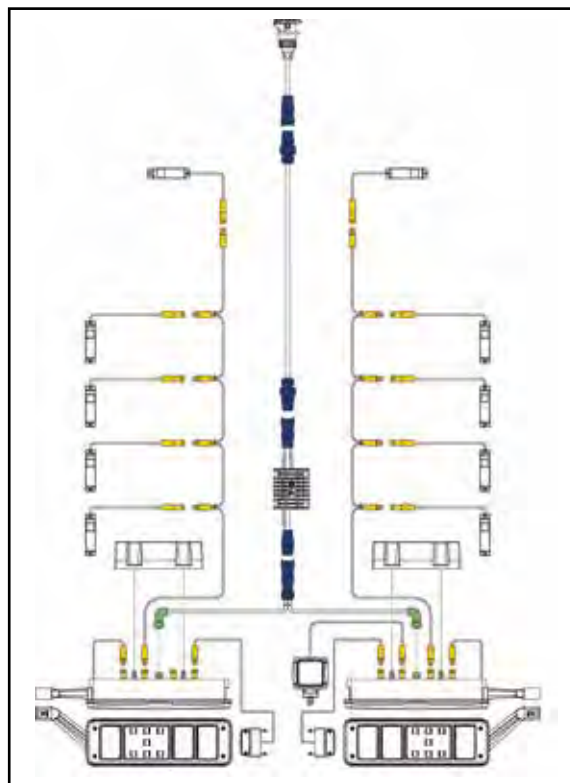
SUPERSEAL DIN bayonet system

As an extension to the SUPERSEAL plug-in connections, a DIN bayonet is used for 7 pin connectors. Now, as before, the 15-pin secondary/main lines of the wiring are part of the tried-and-tested EasyConn system. This enables more flexible composition of the lighting system for your trailers, and enables easier retrofitting or conversion.

The wiring system offers the possibility of connecting new products to existing, different systems quickly and easily. This not only saves time and increases flexibility, but also reduces storage costs for workshops and fleet operators.



System components





Contact housing set AMP SUPERSEAL

Standard DIN/ISO 40050
Protection class IP67



This figure corresponds to 0744 806 801

Description	Version	Order no.	Comparative no.
3 each of pin contacts 1-1,5 mm ² , socket contacts 1-1,5 mm ² , 4 each of single cable seals, 2 blind plugs	2-pole	0744 806 801	HELLA 8KW 744 806-801
5 each of pin contacts 1-1,5 mm ² , socket contacts 1-1,5 mm ² , 8 each of single cable seals, 6 blind plugs	4-pole	0744 808 801	HELLA 8KW 744 808-801

7

Lighting



Harness AMP SUPERSEAL

Version with connector, 2-pole

approved for vehicles in accordance with GGVS/ADR



This figure corresponds to 0340 038 201

Length	Cross-section	Order no.	Comparative no.
6000 mm	1 mm ²	0340 954 001	HELLA 8KA 340 954-001
8000 mm	1,5 mm ²	0340 038 201	HELLA 8KA 340 038-201
12000 mm	1,5 mm ²	0340 038 221	HELLA 8KA 340 038-221

¹ with shrink-ended cable



Harness/intermediate adapter

Length 150 mm
Cross-section 2 x 1 mm²

approved for vehicles in accordance with GGVS/ADR



This figure corresponds to 0340 859 021

Version	Order no.	Comparative no.
with 2 x 2-pole AMP Superseal socket housing and 1 x 2-pole AMP Superseal pin housing, overmoulded	0340 859 021	HELLA 8KA 340 859-021
with 2 x 2-pole AMP Superseal socket housing and 1 x 2-pole AMP Superseal pin housing, overmoulded	0340 859 031	HELLA 8KA 340 859-031
with 2 x 2-pole AMP Superseal pin housing and 1 x 2-pole AMP Superseal socket housing, overmoulded	0340 859 041	HELLA 8KA 340 859-041

The products shown represent only part of our comprehensive range. We will be pleased to supply further SUPERSEAL items on request. Please contact us!

Quick-Link cabling: flexible and secure installation

The Quick-Link cabling system is a further way of creating connections that is distinguished by the rapid and uncomplicated assembly procedure. HELLA lights with Quick-Link cabling have a cable with coupling. The cables are supplied in various lengths according to requirements. These lights can be mounted at any desired location and connected using a 2-core flat cable. They may also be used on hazardous goods transporters (GGVS/ADR).

- Simply put the coupling on the flat cable.
- Secure with the clamp pad.
- Press in with the assembly pliers.
- Ready.



7

Lighting



Flat cable for quick-link connections

Length	100 m
Cross-section	2 x 1,5 mm ²
Container	Roll
Material	PVC

Scope of supply
without connector

Order no.
0340 050 021

Comparative no.
HELLA 8KL 340 050-001



Clamping piece for Quick-Link cabling

approved for vehicles in accordance with GGVS/ADR

Order no.
0998 602 002

Comparative no.
HELLA 8KW 998 602-002



The products shown represent only part of our comprehensive range. We will be pleased to supply further Quick-Link items on request. Please contact us!



Electric set for trailer coupling hitch

Version 1-fold set, single connection
Number of poles 2

Order no.
0340 220 001

Comparative no.
HELLA 9XX 340 220-001



Electric set for trailer coupling hitch

Number of poles 2
suitable for combined distributor HELLA 8JE 340 060...

Order no.
0340 220 011

Comparative no.
HELLA 9XX 340 220-011



Electric set for trailer coupling hitch

Number of poles 2

Order no.
0340 220 021

Comparative no.
HELLA 9XX 340 220-021



Electric set for trailer coupling hitch

Version 2-fold set, double connection
Number of poles 2

Order no.
0340 220 801

Comparative no.
HELLA 9XX 340 220-801



Electric set for trailer coupling hitch

Number of poles 6
suitable for combined distributor HELLA 8JE 340 060.../8JE 340 061...

Order no.
0340 222 001

Comparative no.
HELLA 9XX 340 222-001





Electric set for trailer coupling hitch

Number of poles 15
suitable for combined distributor HELLA 8JE 340 060...
cables 8KA 340 010.../...020.../8KA 340 021...

Order no.

0340 223 001

Comparative no.

HELLA 9XX 340 223-001



Combination distributor

for connection of all lighting technology functions (24 V) at the rear, with licence plate light and holder for number plates 520 x 120 mm, with black cover and a 6-pin socket for additional lighting functions, terminal 9-15 interior lights, working lights, beacons

approved for vehicles in accordance with GGVS/ADR

Order no.

0340 060 001

Comparative no.

HELLA 8JE 340 060-001



Combination distributor

for connection of all lighting technology functions (24 V) at the rear, with licence plate light and holder for number plates 520 x 120 mm, with black cover front and rear and a 6-pin socket for additional lighting functions, terminal 9-15 interior lights, working lights, beacons

approved for vehicles in accordance with GGVS/ADR

Order no.

0340 060 011

Comparative no.

HELLA 8JE 340 060-011



Combination distributor

for connecting the lighting technology functions of the trailer, with 3 sockets on the front (24-N socket, 7-pole, to DIN ISO 1185 and 24-S socket, 7-pole, to DIN ISO 3731 as well as 15-pole socket to DIN ISO 12098) as input module for trailer and semi-trailer with or without tarpaulin, on the back with 1 x 15-pole connector suitable for main supply line 8KA 340 010-241 or adapter 8KA 340 010-251 with 2 x 2-pole connector for optional connection of side marker, end-outline marker and clearance lights, fused with 2 flat fuses (2 A)

approved for vehicles in accordance with GGVS/ADR

Order no.

0340 165 001

Comparative no.

HELLA 8JE 340 165-001





Distribution box

MDJ

with 16 cable glands, plugs and seals

Connection	80 contacts with 16,3 x 0,8 mm flat plug connection
Length	210 mm
Width	115 mm
Height	85 mm
Protection class	IP67

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
6211 750 200	Vignal 175020



LED flasher unit

universal

Version	electronic, without failure control
Voltage	9-33 V
Power	2 x 42 W
Number of poles	3
Type	surface-mounting

EMC approval

Order no.	Comparative no.
0177 846 001	HELLA 4JZ 177 846-001



LED flasher unit

Version	electronic
Voltage	18-32 V
Power	2+1(6) W
Number of poles	4
Protection class	IP53
Type	surface-mounting

Scope of supply
with bracket for trailer

Order no.	Comparative no.
0009 492 001	HELLA 4DM 009 492-001



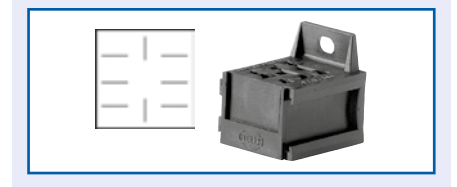
LED control unit for LED flashing light

Voltage	18-32 V
Rated current	1,5 A
Number of poles	5
Protection class	IP54

Order no.	Comparative no.
0009 602 001	HELLA 5DS 009 602-001

Accessories

Description	Order no.	Comparative no.
Housing for relay, 9-pole, 12/24 V, to accept 2,8/6,3 mm female spade connectors	0003 526 001	HELLA 8JA 003 526-001





Control unit for indicator lights failure control

with female spade connectors and 300 mm cable line with female spade connectors 6,3 mm

Cross-section 7 x 1 + 1 x 1,25 mm²
 Cable length 1500 m
 Protection class IP6K9K

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0009 552 031	HELLA 5DS 009 552-031



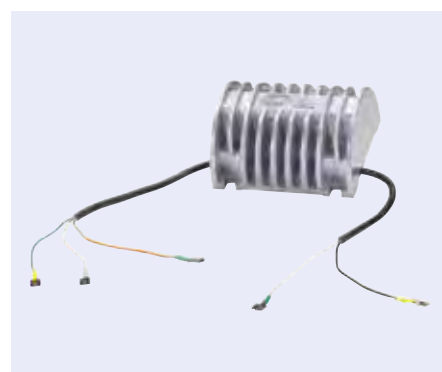
LED ballast

Voltage 24 V

Scope of supply
with flat spade terminals

Mandatory for conversion to LED direction indicators. This serves the purpose of the legally required direction indicator failure recognition (according to the ECE ruling).

Order no.	Comparative no.
0009 552 011	HELLA 5DS 009 552-011



Ballast universal

Connection RSC connector

Number of poles	Order no.	Comparative no.
15	3900 013 235	Vignal D13235
16	3900 013 234	Vignal D13234



ABS/EBS plug systems 24 V according to ISO 7683

Application:

The connector system to ISO 7638-1/ISO 7638-2 is used on almost all commercial vehicles with an ABS/EBS system. The plug-in connectors are suitable for GGVS/ADR applications.

Advantages of the range:

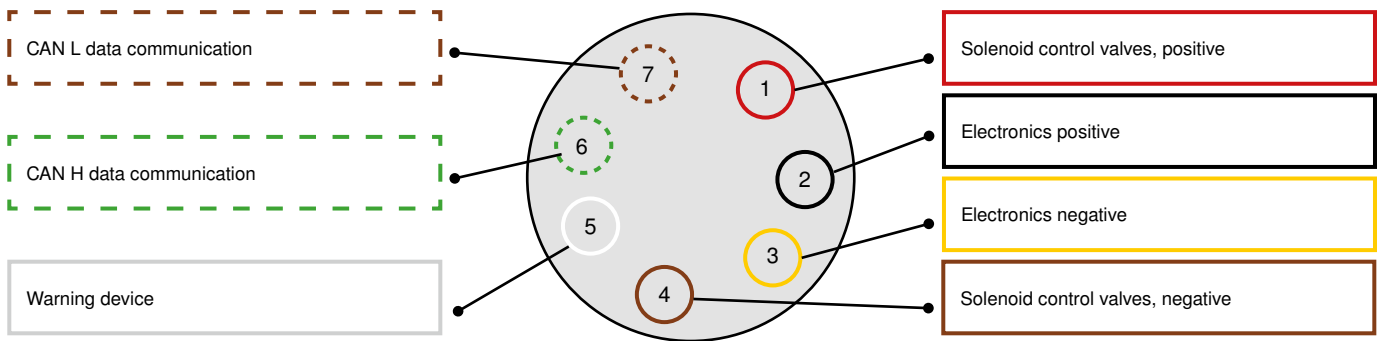
- The system meets the high requirements of modern trailer plug-in connectors in accordance with ISO 4091
- High-quality laminated contacts with crimp connection
- Simple mounting
- Crimp connection for OE applications
- Screw-in connection for replacement part applications

Load capacity:

- Max. 16 A with 24 V (cable cross-section 1.5 mm²)
- Max. 25 A with 24 V (cable cross-section 2.5 mm²)
- Max. 30 A with 24 V (cable cross-section 4-6 mm²)

Assignment plan

Trailer plug-in device for ABS/EBS 24 V/5/7-pin ISO 7638-1



Contact assignment for ABS/EBS plug-in connector 24 V/5/7-pin ISO 7638-1

Contact no.	Function	Cable cross-section	Wire insulation colour
1	Solenoid valve positive	4 mm ²	Red
2	Electronics positive	1.5 mm ²	Black
3	Electronics negative	1.5 mm ²	Yellow
4	Solenoid valve negative	4 mm ²	Brown
5	Warning device ¹	1.5 mm ²	White
6	CAN H ²	1.5 mm ²	Green
7	CAN L ²	1.5 mm ²	Brown

¹ The warning device is actuated via contact no. 5. The circuit for this contact in the trailer is open during normal operating conditions.

² In accordance with ISO 11992-1 and ISO 11992-2.



ABS/EBS socket

with PG gland, cap and inner seals

Voltage	24 V
Number of poles	5/7
Standard	ISO 7638-1
Cable cross-section	3/5 x 1,5 + 2 x 6,0/4,0 mm ²
Cable Ø	9-16 mm
Material	plastic

Connection	Order no.	Comparative no.
Threaded connection	0007 645 031	HELLA 8JB 007 645-031
crimp/solder connection	0007 645 021	HELLA 8JB 007 645-021



Accessories

Description	Order no.	Comparative no.
Crimp solder contact pin set, crimp contact/solder pin contact, Ø 1,5-6 mm	0726 762 831	HELLA 9MK 726 762-831



ABS/EBS plug

with strain relief

Connection	Threaded connection
Voltage	24 V
Number of poles	5/7
Standard	ISO 7638-1
Cable cross-section	3/5 x 1,5 + 2 x 6/4 mm ²
Cable Ø	11-13 mm
Material	plastic

Order no.	Comparative no.
0007 644 051	HELLA 8JA 007 644-051



Accessories

Description	Order no.	Comparative no.
Parking socket, Installation opening 54 mm	0007 647 001	HELLA 8HG 007 647-001



Crimp solder contact pin set

Plug type crimp contact/solder pin contact
Ø 1,5-6 mm

Scope of supply
5 x 1,5/2 x 4/2 x 6 mm²

Order no.	Comparative no.
0726 762 831	HELLA 9MK 726 762-831



7

The appropriate tools, such as crimping pliers, can be found under the "Tools" heading in the "Workshop Requirements" section.

Lighting



Crimp solder contact socket set

Plug type solder pin contact
Ø 6 mm

Scope of supply
5 x 1,5/2 x 4/2 x 6 mm²

Order no.	Comparative no.
0726 759 831	HELLA 9MK 726 759-831



7-pole plug systems 24 V according to ISO 1185 (type N)

Application:

The 7-pin 24 V connector system to the ISO 1185/ISO 3731 standard is currently the most widespread system for the electronic connections between truck and trailer or tractor and trailer in the commercial vehicle sector. The system is predominantly used for applications with average requirements. The system comprises a normal plug-in connector, type N in accordance with ISO 1185, and an auxiliary plug-in connector, type S in accordance with ISO 3731. The auxiliary system is distinguished from the normal system by its white housing, contact inserts and non-interchangeable contact positioning.

Advantages of the range:

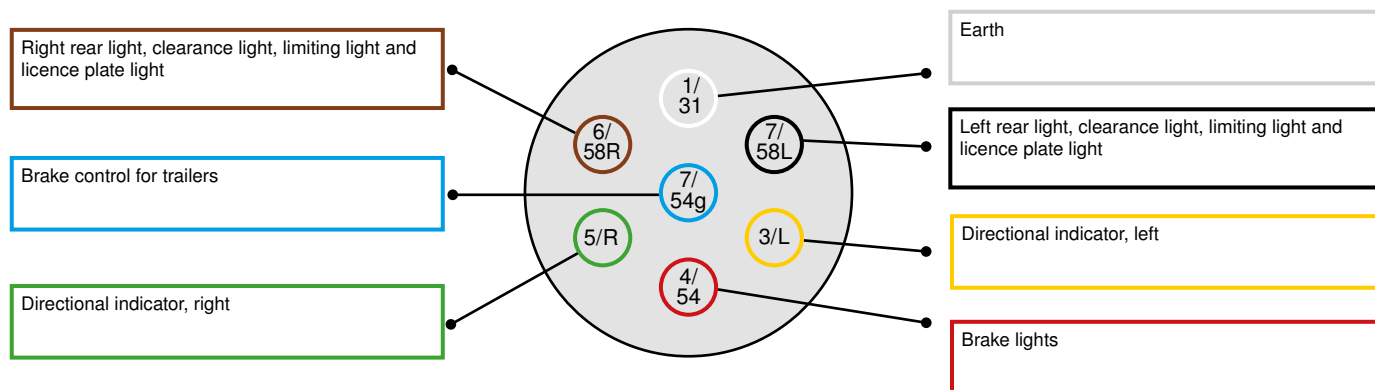
- Cost-effective system for simple applications
- Simple mounting
- Wide range of possible connections (screw-in and flat plug connection)
- Housing components are made of robust materials (aluminium, shatterproof plastic)

Load capacity:

- Max. 20 A (with 2.5 mm² line)
- Max. 15 A (with 1.5 mm² line)
- Permissible temperature range: -25°C to +75°C

Assignment plan

Trailer plug-in device 24 V/7-pin type N ISO 1185 31 type contact/socket – pin; 31 type contact/connector – sleeve



Contact assignment for normal plug-in connections in accordance with ISO 1185, 24 V, 7-pin N

Contact no.	Function	Cable cross-section	Wire insulation colour
1/31	Earth	2.5 mm ²	□
2/58L	Left rear light, clearance light, limiting light and licence plate light ¹	1.5 mm ²	■
3/L	Directional indicator, left	1.5 mm ²	■
4/54	Brake lights	1.5 mm ²	■
5/R	Directional indicator, right	1.5 mm ²	■
6/58R	Right rear light, clearance light, limiting light and licence plate light ¹	1.5 mm ²	■
7/54g	Trailer brake control	1.5 mm ²	■

¹ The licence plate light must be connected such that no bulb in this device is connected with the two contacts 2 and 6.

Contact assignment for normal plug-in connections in accordance with ISO 1185, 24 V, 7-pin N



Socket

Voltage	24 V
Number of poles	7
Standard	ISO 1185/N
Cable cross-section	6 x 1,5 + 1 x 2,5 mm ²
Cable Ø	9,5-12,5 mm
Material	metal

Connection	Order no.	Comparative no.
Threaded connection	0003 833 001	HELLA 8JB 003 833-001
female spade connector 6,3 mm	0003 833 032	HELLA 8JB 003 833-031



Socket

Voltage	24 V
Number of poles	7
Standard	ISO 1185/N
Cable cross-section	6 x 1,5 + 1 x 2,5 mm ²
Cable Ø	9,5-12,5 mm
Material	plastic

Connection	Order no.	Comparative no.
Threaded connection	0008 085 001	HELLA 8JB 008 085-001
female spade connector 6,3 mm	0008 085 021	HELLA 8JB 008 085-021



Nozzle

for cables with 9,5-12,5 mm cable diameter

Order no.	Comparative no.
0735 641 012	HELLA 9GT 735 641-012



Plug

with strain relief, PG gland and inner seal

Voltage	24 V
Number of poles	7
Standard	ISO 1185/N
Cable cross-section	6 x 1,5 + 1 x 2,5 mm ²
Cable Ø	9,2-11,5 mm
Material	metal

Connection	Order no.	Comparative no.
Threaded connection	0003 831 001	HELLA 8JA 003 831-001
female spade connectors 6,3 mm	0003 831 011	HELLA 8JA 003 831-011





Plug

with cable protection sleeve for 8-12 mm diameter cables, strain relief and PG gland

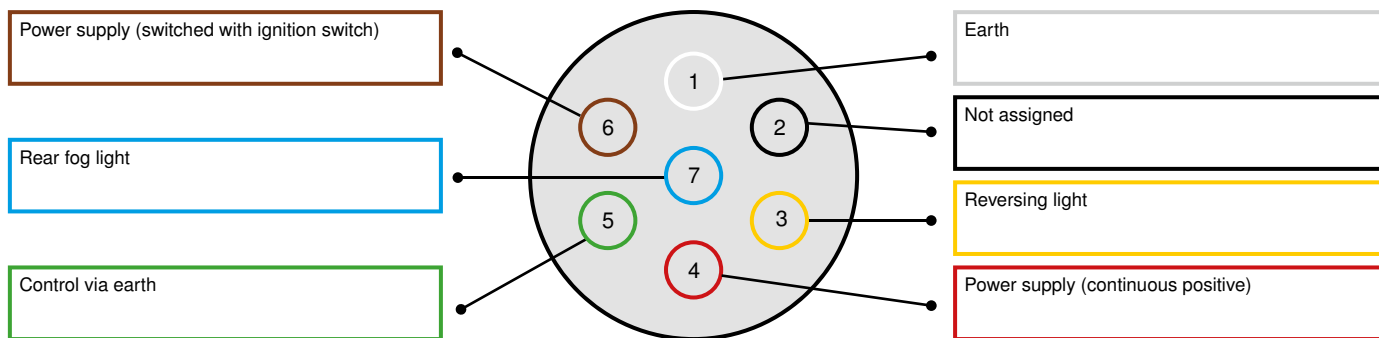
Voltage	24 V
Number of poles	7
Standard	ISO 1185/N
Cable cross-section	6 x 1,5 + 1 x 2,5 mm ²
Cable Ø	8-12 mm
Material	plastic

Connection	Order no.	Comparative no.
Threaded connection	0008 084 001	HELLA 8JA 008 084-001
female spade connector 6,3 mm	0008 084 021	HELLA 8JA 008 084-021



Assignment plan

Trailer plug-in device 24 V/7-pin type S ISO 3731
31x contact/socket – sleeve; 31x contact/plug – pin



Contact assignment for additional plug-in connections in accordance with ISO 3731, 24 V, 7-pin S

Contact no.	Function	Cable cross-section	Wire insulation colour
1	Earth	2.5 mm ²	
2	Reserved for future applications	1.5 mm ²	
3	Reversing light	1.5 mm ²	
4	Power supply (continuous positive)	2.5 mm ²	
5	Control device via earth	1.5 mm ²	
6	Power supply via ignition switch	2.5 mm ²	
7	Rear fog light	1.5 mm ²	



Socket

with cable protection sleeve for 9,5-12,5 mm cable diameter

Voltage	24 V
Number of poles	7
Standard	ISO 3731/S
Cable cross-section	4 x 1,5 + 3 x 2,5 mm ²
Material	metal

Connection	Order no.	Comparative no.
Threaded connection	0003 834 001	HELLA 8JB 003 834-001
female spade connector 6,3 mm	0003 834 031	HELLA 8JB 003 834-031





Socket

with cable protection grommet for 9,5-12,5 mm diameter cable

Voltage	24 V
Number of poles	7
Standard	ISO 3731/S
Cable cross-section	4 x 1,5 + 3 x 2,5 mm ²
Material	plastic

Connection	Order no.	Comparative no.
Threaded connection	0008 085 011	HELLA 8JB 008 085-011
female spade connector 6,3 mm	0008 085 031	HELLA 8JB 008 085-031



Nozzle

for cables with 9,5-12,5 mm cable diameter

Order no.	Comparative no.
0735 641 012	HELLA 9GT 735 641-012



Plug

with inner seal for 9,2-11,5 mm cable diameter, PG gland, strain relief

Voltage	24 V
Number of poles	7
Standard	ISO 3731/S
Cable cross-section	4 x 1,5 + 3 x 2,5 mm ²
Cable Ø	9,2-11,5 mm
Material	metal

Connection	Order no.	Comparative no.
Threaded connection	0003 832 001	HELLA 8JA 003 832-001
female spade connector 6,3 mm	0003 832 011	HELLA 8JA 003 832-011



Plug

with cable protection sleeve for 9,5-12,5 mm cable diameter, strain relief

Voltage	24 V
Number of poles	7
Standard	ISO 3731/S
Connection	Threaded connection
Cable cross-section	4 x 1,5 + 3 x 2,5 mm ²
Material	plastic

Order no.	Comparative no.
0008 084 011	HELLA 8JA 008 084-011



15-pole plug systems 24 V according to ISO 12 098

Application:

The 15-pin 24 V plug-in system to ISO 12098b is a state-of-the-art system for transmission of light and auxiliary functions on 24 V on-board networks. The system is used in the original equipment of many leading commercial vehicle manufacturers due to its technical advantages, such as contact certainty and watertightness. The system is increasingly replacing the older 7-pin plug-in connector generations. The plug-in connectors are suitable for GGVS/ADR applications.

Advantages of the range:

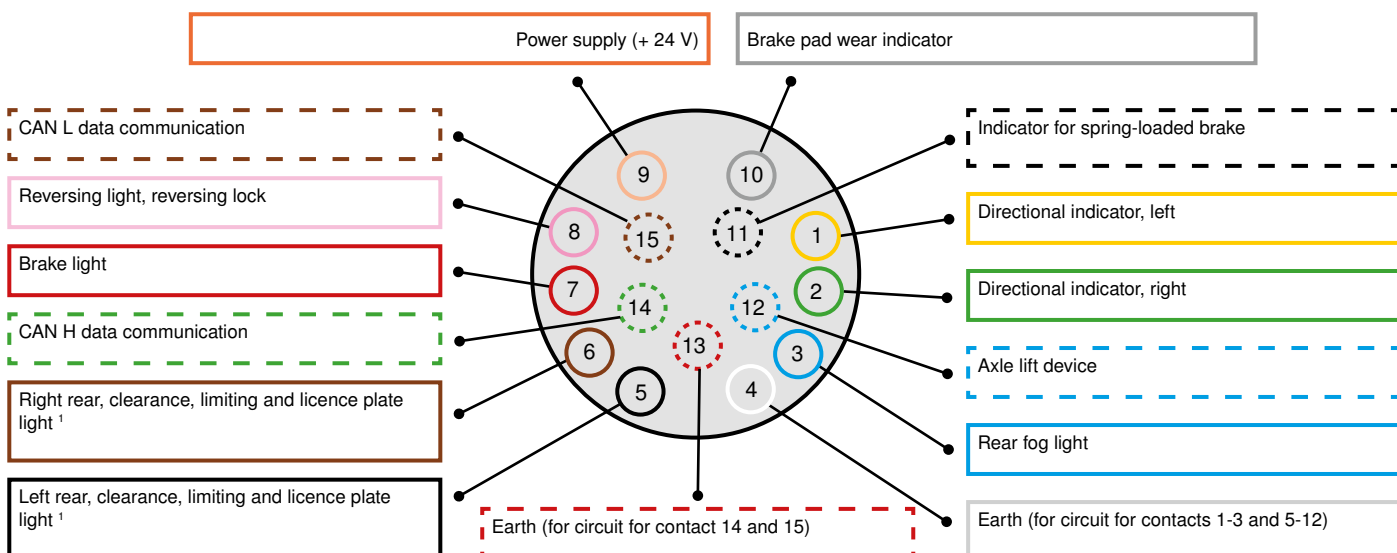
- The system meets the high requirements of modern trailer plug-in connectors in accordance with ISO 4091
- High-quality laminated contacts with crimp connection
- Simple mounting
- Crimp connection for OE applications
- Screw-in connection for replacement part applications

Load capacity:

- Max. 16 A (cable cross-section 1.5 mm²)
- Max. 25 A (cable cross-section 2.5 mm²)

Assignment plan

Trailer plug-in device 24 V/15-pin ISO 12098



Contact assignment for plug-in connections in accordance with ISO 12098, 24 V, 15-pin

Contact no.	Function	Cable cross-section	Wire insulation colour
1	Directional indicator, left	1.5 mm ²	Yellow
2	Directional indicator, right	1.5 mm ²	Green
3	Rear fog light	1.5 mm ²	Blue
4	Earth for contacts 1-3 and 5-12	2.5 mm ²	White
5	Left rear, clearance, limiting and licence plate light ¹	1.5 mm ²	Black
6	Right rear, clearance, limiting and licence plate light ¹	1.5 mm ²	Brown
7	Brake light	1.5 mm ²	Red
8	Reversing light	1.5 mm ²	Pink
9	Continuous power supply (+ 24 V)	2.5 mm ²	Orange
10	Sensor for brake pad wear indicator	1.5 mm ²	Grey
11	Indicator for spring-loaded brake	1.5 mm ²	White / Black
12	Axle lift	1.5 mm ²	White / Blue
13	Earth for data cables 14 and 15	2.5 mm ²	White / Red
14	CAN H	1.5 mm ²	White / Green
15	CAN L	1.5 mm ²	White / Brown

¹ The licence plate light must be connected such that no bulb in this light is connected with the two contacts 5 and 6.



Socket

with strain relief, PG gland, cap and inner seal

Connection	Threaded connection
Voltage	24 V
Number of poles	15
Standard	ISO 12098
Cable cross-section	12 x 1,5 + 3 x 2,5 mm ²
Cable Ø	12-18 mm
Material	plastic

Order no.	Comparative no.
0007 242 011	HELLA 8JB 007 242-011



Accessories

Description	Order no.	Comparative no.
Contact pin set, crimp/solder pin contact, 12 x 1,5 + 3 x 2,5 mm ²	0726 761 811	HELLA 9MK 726 761-811



Plug

for 12-18 mm diameter cable, mechanical strain relief

Voltage	24 V
Number of poles	15
Standard	ISO 12098
Cable cross-section	12 x 1,5 + 3 x 2,5 mm ²
Cable Ø	12-18 mm
Material	plastic

Connection	Order no.	Comparative no.
Threaded connection	0007 241 022	HELLA 8JA 007 241-021
crimp/solder connection	0007 241 031	HELLA 8JA 007 241-031



Accessories

This figure corresponds to 0007 647 001

Description	Order no.	Comparative no.
Parking socket, Installation opening 54 mm	0007 647 001	HELLA 8HG 007 647-001
Contact socket set, crimp/solder bush contact, 12 x 1,5 + 3 x 2,5 mm ²	0726 758 821	HELLA 9MK 726 758-821



Adapter socket

from 15-pin socket (ISO 12098) on the truck to two 7-pin connectors (ISO 1185 + ISO 3731) on the trailer

Voltage 24 V

Length 154 mm

Load capacity at 24 V: 16 A

Order no.	Comparative no.
0005 952 061	HELLA 8JA 005 952-061



Adapter cable

from 15-pin socket (ISO 12098) on the truck to two 7-pin connectors (ISO 1185 + ISO 3731) on the trailer

Standard ISO 12098 to ISO 1185-N/ISO 3731-S

Number of poles 15-7/7

Voltage 24 V

Working length 4000 mm

Cross-section 2 x 6 x 1,0 + 1 x 1,5 mm²

Outer Ø 40 mm

Number of turns 40

Material Polyurethane (PUR)

This figure corresponds to 3131 124 205

Version	Order no.
9-way contact assignment	3131 124 205
13-way contact assignment	3131 124 204



Adapter cable

from 15-pin socket (ISO 12098) on the truck to two 7-pin connectors (ISO 1185 + ISO 3731) on the trailer

Standard ISO 12098 to ISO 1185-N/ISO 3731-S

Number of poles 15-7/7

Voltage 24 V

Working length 4000 mm

Material Polyurethane (PUR)/metal

Order no.	Comparative no.
0005 952 041	HELLA 8JA 005 952-041





Adapter cable

from 15-pin socket (ISO 12098) on the truck to two 7-pin connectors (ISO 1185 + ISO 3731) on the trailer

Standard	ISO 12098 to ISO 1185-N/ISO 3731-S
Number of poles	15-7/7
Voltage	24 V
Version	plastic connector, cast
Working length	4000 mm
Material	Polyurethane (PUR)

Order no.

0005 952 081

Comparative no.

HELLA 8JA 005 952-081



7

Lighting

Adapter cable

from 15-pin socket (ISO 12098) on the truck to two 7-pin connectors (ISO 1185 + ISO 3731) on the trailer

Standard	ISO 12098 to ISO 1185-N/ISO 3731-S
Number of poles	15-7/7
Voltage	24 V
Version	plastic connector, cast
Working length	4000 mm
∅	40 mm
Material	Polyurethane (PUR)

Order no.

9501 003 185





Helical cable

Standard ISO 1724
Number of poles 7
Voltage 12 V

Cross-section $6 \times 1,0 + 1 \times 1,5 \text{ mm}^2$
Material PUR

This figure corresponds to 3131 124 500

Version	Working length	Outer \varnothing	Inner \varnothing	Order no.
with plastic connectors	4000 mm	47 mm	30 mm	3131 124 500
with metal connectors	4500 mm	40 mm	20 mm	3131 124 501



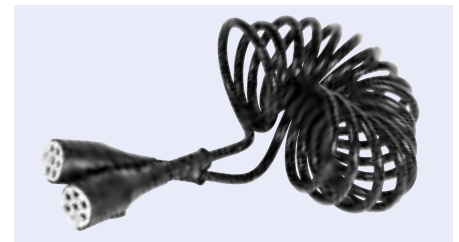
Helical cable

Standard ISO 3731
Number of poles 7
Voltage 24 V

Cross-section $6 \times 1,0 + 1 \times 1,5 \text{ mm}^2$
Material PUR

This figure corresponds to 3131 124 304

Version	Working length	Outer \varnothing	Inner \varnothing	Number of turns	Order no.
with connector	4000 mm	90 mm	70 mm	20	3131 124 304
with plastic connectors	4000 mm	40 mm	20 mm	41	3131 124 301
with metal connectors	5500 mm	40 mm	20 mm	41	3131 124 306



Helical cable

Standard ISO 3731/S
Number of poles 7
Voltage 24 V
Material PUR

This figure corresponds to 3131 124 300

Version	Working length	Cross-section	Outer \varnothing	Inner \varnothing	Number of turns	Order no.
with white plastic connectors	3000 mm	$6 \times 1,0 + 1 \times 1,5 \text{ mm}^2$	47 mm	30 mm	27	3131 124 300
with plastic connectors	4000 mm	$6 \times 1,0 + 1 \times 1,25 \text{ mm}^2$	40 mm	20 mm	40	3131 124 305
with metal connectors	4000 mm	$6 \times 1,0 + 1 \times 1,5 \text{ mm}^2$	40 mm	20 mm	40	3131 124 302



Helical cable

Standard ISO 1185
Number of poles 7
Voltage 24 V
Cross-section $6 \times 1,0 + 1 \times 1,5 \text{ mm}^2$

Outer \varnothing 40 mm
Inner \varnothing 20 mm
Material PUR

This figure corresponds to 3131 124 201

Version	Working length	Number of turns	Order no.
with plastic connectors	4000 mm	40	3131 124 201
with metal connectors	5500 mm	60	3131 124 203





Helical cable

Standard	ISO 1185/N
Number of poles	7
Voltage	24 V
Material	PUR

This figure corresponds to 3131 124 200



Version	Working length	Cross-section	Outer \varnothing	Inner \varnothing	Number of turns	Order no.
with plastic connectors	3000 mm	6 x 1,0 + 1 x 1,5 mm ²	47 mm	30 mm	27	3131 124 200
with plastic connectors	4000 mm	6 x 1,0 + 1 x 1,25 mm ²	40 mm	20 mm	40	3131 124 207
with plastic connectors	4000 mm	6 x 1,5 + 1 x 2,5 mm ²	90 mm	70 mm	20	3131 124 303
with metal connectors	4000 mm	6 x 1,0 + 1 x 1,5 mm ²	40 mm	20 mm	40	3131 124 202

7

Lighting



Helical cable

Standard	ISO 12098
Voltage	24 V
Number of turns	29
Working length	4000 mm
Outer \varnothing	60 mm
Inner \varnothing	30 mm
Material	PUR

This figure corresponds to 3131 124 401



Number of poles	Version	Cross-section	Order no.
13	with plastic connectors	10 x 1,5 + 3 x 2,5 mm ²	3131 124 400
15	with plastic connectors and blue anti-kink protection	12 x 1,5 + 3 x 2,5 mm ²	3131 124 401



Helical cable

Version	without connector
Material	PUR

This figure corresponds to 3131 124 100



Number of poles	Voltage	Working length	Cross-section	Outer \varnothing	Inner \varnothing	Number of turns	Order no.
2	12/24 V	3000 mm	2 x 1,0 mm ²	22 mm	10 mm	78	3131 124 100
2	24 V	4000 mm	2 x 35 mm ²	65 mm	40 mm	2 x 27	3131 124 104
3	12/24 V	3500 mm	3 x 1,0 mm ²	35 mm	20 mm	34	3131 124 101
7	12/24 V	3500 mm	6 x 1,0 + 1 x 1,5 mm ²	90 mm	70 mm	20	3131 124 102
7	12/24 V	3500 mm	6 x 1,0 + 1 x 1,5 mm ²	47 mm	30 mm	33	3131 124 103



Helical cable

Number of poles	2
Voltage	24 V
Version	with connectors
Working length	4000 mm
Cross-section	2 x 35 mm ²
Outer Ø	65 mm
Inner Ø	40 mm
Number of turns	2 x 27
Material	PUR

Order no.

3131 124 700



Helical cable

with 2 screwed-on metal connectors, metal anti-kink protection and suspension bracket

Standard	ISO 1185/N
Number of poles	7
Voltage	24 V
Working length, max.	4000 mm
Cross-section	6 x 1 + 1 x 1,5 mm ²
Material	polyurethane

Order no.

0004 797 101

Comparative no.

HELLA 8KA 004 797-101

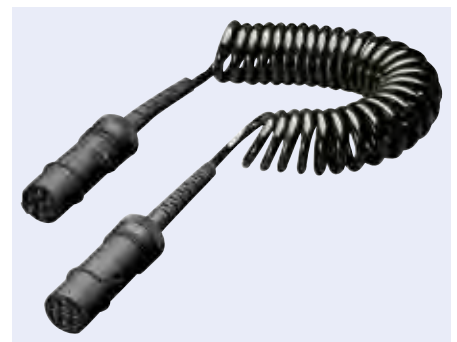


Helical cable

with 2 screwed-on plastic connectors and kink-protection grommets

Voltage	24 V
Working length, max.	4000 mm
Cross-section	6 x 1,0 + 1 x 1,5 mm ²
Material	polyurethane

This figure corresponds to 0004 797 041



Standard	Version	Order no.	Comparative no.
ISO 1185/N	with black anti-knick protection	0004 797 041	HELLA 8KA 004 797-041
ISO 3731/S	with yellow anti-kink protection	0004 797 051	HELLA 8KA 004 797-051



Helical cable

with 2 extruded plastic connectors and anti-kink protection, water-tight power output (IP X9K)

Number of poles	7
Voltage	24 V
Working length, max.	4 m
Cross-section	6 x 1 + 1 x 1,5 mm ²
Material	polyurethane

This figure corresponds to 0004 797 011

Standard	Colour	Order no.	Comparative no.
ISO 1185/N	blue	0004 797 011	HELLA 8KA 004 797-031
ISO 3731/S	yellow	0007 965 011	HELLA 8KA 007 965-011



Helical cable

with 2 installed plastic connectors and blue kink-protection grommets

Standard	ISO 12098
Number of poles	15
Voltage	24 V
Working length	4000 mm
Cross-section	12 x 1,5 + 3 x 2,5 mm ²

Material	Order no.	Comparative no.
Hytrel ¹	0007 648 041	HELLA 8KA 007 648-041
polyurethane	0007 648 051	HELLA 8KA 007 648-051

¹ Guaranteed for 20,000 flexing cycles!
According to ISO 4141, at least 10,000 flexing cycles are mandatory.



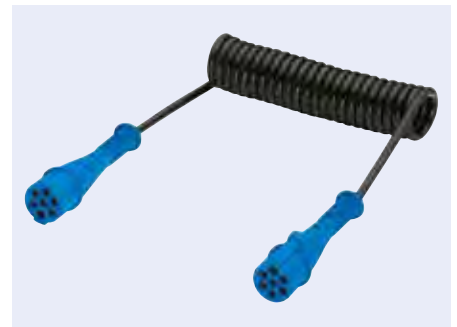
Helical cable

with blue moulded connectors

Standard	ISO 1185/N
Number of poles	7
Voltage	24 V
Working length	3500 mm
Cross-section	6 x 1 + 1 x 1,5 mm ²
Outer Ø	60 mm
Number of turns	23

Order no.

9195 190 000



Helical cable

with aluminium alloy plug

Standard	ISO 3731/S
Number of poles	7
Voltage	24 V
Working length	4000 mm
Cross-section	6 x 1 + 1 x 2,5 mm ²
Ø	75 mm
Number of turns	40

Order no.

9195 191 010



Helical cable

with 2 moulded connectors

Standard	ISO 3731/S
Number of poles	7
Voltage	24 V
Working length	4000 mm
Cross-section	6 x 1 + 1 x 2,5 mm ²

This figure corresponds to 9500 018 108

Number of turns	∅	Material	Order no.
20	90 mm	Hytrel	9500 018 107
40	35 mm	PU	9500 018 108



Helical cable

Version	with 3-pole connector and 2-pole AMP Superseal connector
Working length	250-1500 mm
Cross-section	1 mm ²

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0340 712 001	HELLA 8KA 340 712-001



ABS helical cable

Standard	ISO 7638-1
Number of poles	5
Version	with anti-kink protection
Working length	4000 m
Cross-section	3 x 1,5 + 2 x 4 mm ²
Outer ∅	60 mm

Material	Order no.	Comparative no.
Hytrel	0007 648 001	HELLA 8KA 007 648-001
polyurethane	0007 648 011	HELLA 8KA 007 648-011

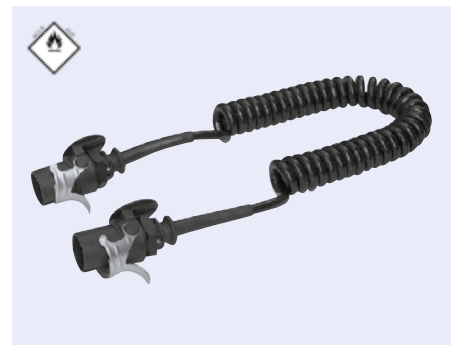


ABS helical cable

Standard	ISO 7638
Number of poles	5
Voltage	24 V
Working length	4000 mm
Cross-section	3 x 1,5 + 2 x 4 mm ²
Outer ∅	60 mm
Material	PUR

Electric coil based on ISO 4141
connector approved in accordance with GGVS/ADR

Order no.
9199 349 000





EBS helical cable

Standard	ISO 7638
Number of poles	7
Voltage	24 V
Version	with 2 x 7-pin EBS connectors and anti-kink protection
Working length	4000 mm
Cross-section	5 x 1,5 + 2 x 4 mm ²
Outer Ø	54 mm
Number of turns	31
Material	PUR (cable)

for vehicles approved in accordance with GGVS/ADR

Order no.

3131 124 601



7

Lighting



EBS helical cable

Standard	ISO 7638-1
Number of poles	7
Voltage	24 V
Version	with 2 assembled EBS connectors and anti-kink grommets
Working length	4000 mm
Cross-section	5 x 1,5 + 2 x 4 mm ²

Material	Order no.	Comparative no.
Hytrell	0007 648 021	HELLA 8KA 007 648-021
polyurethane	0007 648 032	HELLA 8KA 007 648-031



EBS helical cable for vehicles with EBS (ABS)

Standard	ISO 7638
Number of poles	7
Voltage	24 V
Version	with anti-kink protection
Working length	4000 mm
Cross-section	5 x 1,5 + 2 x 4 mm ²
Outer Ø	60 mm
Material	PUR

Electrical coil based on ISO 4141
connector approved in accordance with GGVS/ADR

Order no.

6702 700 650



LED insert for Europoint III multi-chamber light

Version flashing light
Voltage 24 V

Installation side	Order no.
left	9061 570 224
right	9061 574 224



LED insert for Europoint III multi-chamber light

Version Rear fog light
Voltage 24 V

Installation side	Order no.
left	9061 574 214
right	9061 570 214



LED insert for Europoint III multi-chamber light

Version reversing light
Voltage 24 V

Installation side	Order no.
left	9061 570 234
right	9061 574 234



LED insert for Europoint III multi-chamber light

Version brake light
Voltage 24 V

Installation side	Order no.
left	9061 570 204
right	9061 574 204



LED insert for Europoint II multi-chamber light

Version tail light
Installation side left/right
Voltage 24 V

approved for vehicles in accordance with GGVS/ADR

Order no.
8812 156 000



LED insert for Europoint II multi-chamber lamp

Version flashing light
Installation side left/right
Voltage 24 V

approved for vehicles in accordance with GGVS/ADR

Order no.

4500 202 053



LED insert for Europoint II multi-chamber lamp

Version brake light
Installation side left/right
Voltage 24 V

approved for vehicles in accordance with GGVS/ADR

Order no.

4500 202 054



LED insert for Europoint II multi-chamber lamp

Version Rear fog light
Installation side left/right
Voltage 24 V

approved for vehicles in accordance with GGVS/ADR

Order no.

4540 255 400



LED insert for Europoint II multi-chamber lamp

Version reversing light
Installation side left/right
Voltage 24 V

approved for vehicles in accordance with GGVS/ADR

Order no.

4540 255 900



LED insert for Ecopoint I multi-chamber light

Version flashing light
Voltage 24 V

approved for vehicles in accordance with GGVS/ADR

Installation side

Order no.

left

8812 152 201

right

8812 152 601



LED insert for Ecopoint I multi-chamber light

Version reversing light
Voltage 24 V

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.
left	4500 202 058
right	4500 202 059



LED insert for Ecopoint I multi-chamber light

Version brake and tail light
Voltage 24 V

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.
left	8840 246 500
right	8840 246 501



LED insert for Ecopoint I multi-chamber light

Version Rear fog light
Voltage 24 V

approved for vehicles in accordance with GGVS/ADR

Installation side	Order no.
left	4500 202 056
right	4500 202 057



LED insert for Multipoint I multi-chamber light

Version parking and brake light
Installation side left/right
Voltage 24 V

Order no.
9061 275 524





H1 halogen headlamp bulb

Socket P 14,5 s
Power 70 W
Voltage 24 V

Application range
for high beam/low beam and fog light

Order no.

8900 040 100



H3 halogen headlamp bulb

Socket PK 22 s
Power 70 W
Voltage 24 V

Application range
for low beam/high beam/fog light and worklight

Order no.

8900 009 000



H4 halogen headlamp bulb

Socket P43t-38
Power 75/70 W
Voltage 24 V

Application range
for low beam/high beam/fog light

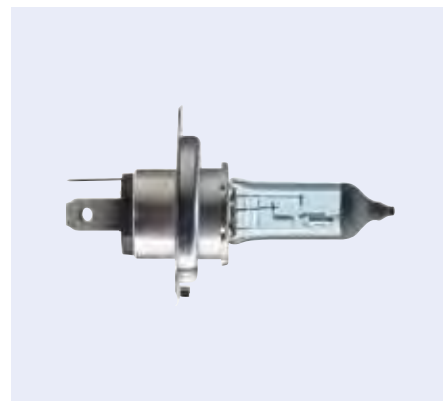
Version

Order no.

8900 006 000

Heavy duty

8900 008 000



H7 halogen headlamp bulb

Socket PX 26 d
Power 70 W
Voltage 24 V

Version

Order no.

8900 001 030

Heavy Duty

8900 581 060





Halogen bulb

Bulb type H21W
Voltage 24 V
Power 21 W
Socket BAY 9 s

Application range

for indicator, stop, rear fog, reversing and interior light

Order no.

2750 004 356

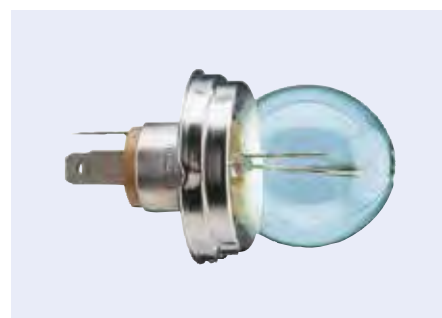


Headlamp bulb

Bulb type R2
Voltage 24 V
Power 55/50 W
Socket P45t-41

Order no.

8900 040 050



Bulb

Bulb type P21W
Voltage 24 V
Power 21 W
Socket BA 15 s

Application range

for indicator, brake, rear fog, reversing lights

Version

Order no.

8900 003 000

Heavy Duty

8900 010 000



Bulb

Bulb type P21/5W
Voltage 24 V
Power 21/5 W
Socket BAY 15 d

Application range

for brake, tail and rear fog light

(Illustration similar)

Order no.

8900 013 000





Bulb

Bulb type PY21W
Voltage 24 V
Power 21 W
Socket BAU 15 s

Application range
for indicators

Order no.

2750 003 496



7

Lighting



Bulb

Bulb type F2
Voltage 24 V
Power 35 W
Socket BA 20 s

Application range
for worklight, reversing light and rear fog light

Order no.

0002 083 251

Comparative no.

HELLA 8GA 002 083-251



Bulb

Voltage 24 V
Socket BA 15 s

Application range
for tail/licence plate/position and interior light

Version	Bulb type	Power	Order no.
	R5W	5 W	8900 001 000
Heavy Duty	R5W HD	5 W	8900 011 000
	R10W	10 W	8900 002 000
Heavy Duty	R10W HD	10 W	8900 012 000



Bulb display bulb

Bulb type T2W
Voltage 24 V
Power 2 W
Socket BA 9 s

Application range
for clearance light and interior light

Order no.

8900 016 000





Bulb

Bulb type T4W
Voltage 24 V
Power 4 W
Socket BA 9 s

Application range

for clearance, interior and number plate lights

Version	Order no.
	8900 004 000
Heavy Duty	8900 030 080



Bulb

festoon bulb

Socket SV 8,5
Voltage 24 V
∅ 11 mm

Application range

for tail/licence plate/position and interior light

Bulb type	Power	Length	Order no.
C5W	5 W	35 mm	8900 005 000
S (10W)	10 W	43 mm	8900 040 060



Bulb

Bulb type K (18W)
Voltage 24 V
Power 18 W
Length 41 mm
∅ 10,5 mm
Socket SV 8,5

Application range

for tail, licence plate, position and interior light

Order no.	Comparative no.
0002 091 241	HELLA 8GM 002 091-241



Bulb

festoon bulb

Bulb type M
Voltage 24 V
Power 3 W
Length 28 mm
∅ 8,2 mm
Socket SV 7-8

Application range

for tail, licence plate, position and interior light

Order no.	Comparative no.
0002 094 241	HELLA 8GM 002 094-241



PHILIPS

Bulb

Voltage 24 V
Power 3 W
Socket BA 7 s

Application range
for interior light

Order no.

3610 003 899

Comparative no.

Philips 13829CP



7

Lighting

EURO PART

Bulb

Plastic base lamp

Bulb type Bax
Voltage 24 V
Power 1,2 W
Socket BAX 8,5 d
Housing colour grey

Application range
for instrument lighting

Order no.

3610 004 068



EURO PART

Bulb

Glass-base bulb

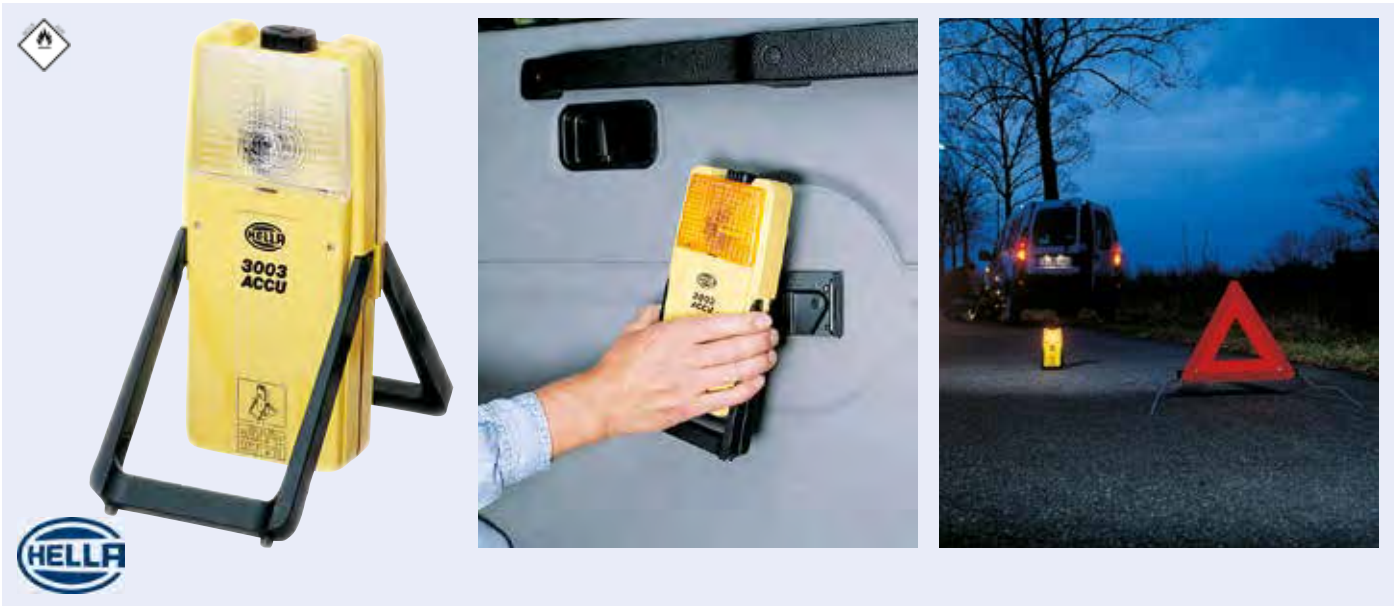
Voltage 24 V

Application range

for instrument lighting, clearance and indicator lights

Form	Power	Socket	∅	Length	Order no.
WBT5	1,2 W	W2 x 4,6 d	5 mm	20 mm	3610 002 741
W3W	3 W	W2,1 x 9,5 d	10 mm	26,8 mm	3610 002 841
W5W	5 W	W2,1 x 9,5 d	10 mm	26,8 mm	8900 040 130





Safety warning flashing light 3003 ACCU

combined warning flasher and working lamp with black mounting bracket, stable in winds up to force 9

Bulb type B2,4W
Voltage 12/24 V
Average voltage 6 V
Test mark K 13950
Colour yellow/white

operating duration with full batteries: warning flasher approx. 40 h, working lamp approx. 7 h

Scope of supply

with maintenance-free lead-gel rechargeable battery and charging cradle that is connected to terminal 15 (ignition on) and terminal 31 (ground)

national type approval only for Germany

meets §53a section 1 StVZO

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0007 146 011	HELLA 2XW 007 146-011



Safety warning flashing light

combined warning flasher and working lamp with black mounting bracket, stable in winds up to force 9

Voltage 6 V
Test mark K 13949
Colour yellow/white

operating time with alkaline batteries: warning flasher approx. 40 h, working lamp approx. 25 h

Scope of supply

without 5 x 1,5 V mono cells (R20 or LR0)

national type approval only for Germany

approved for vehicles in accordance with GGVS/ADR

Order no.	Comparative no.
0007 146 001	HELLA 2XW 007 146-001

Accessories

Description	Type	Order no.
Battery Longlife (B2), 1,5 V	R20/D	9500 274 008
Battery Power Alkaline, 1,5 V	LR20/D	9500 274 011



Safety warning flashing light P30, with work light

welded housing and lens, folding stand with non-slip rubber feet, battery compartment 2 x mono cells LR 20

meets §53a section 1 StVZO

approved for vehicles in accordance with GGVS



Order no.

9500 081 600

LED safety/hazard warning light PALE

flashing operation > 5 hours, continuous light > 5 hours, the electronics (Boost Converter) ensure even illumination over the whole operating period and optimum use of the battery capacity, battery compartment 2 x mono cells LR 20

meets §53a section 1 StVZO

approved for vehicles in accordance with GGVS



Order no.

9500 081 700





Load securing

Lashing straps	830–833
Accessories for lashing straps	834, 835
Edge protection	836
Non-slip mats.....	837
Tarpaulins/fastening chains	838
Partition closures/clamping beams.....	839–841
Blocking elements	842–844
Lashing chains.....	845–847
Sling bands/round slings	848
Safety nets.....	849
Board inserts	850



Ratchet strap

Width 50 mm
 Colour red
 Material Polyester (PES)
 Standard EN 12195-2

permissible tensile force 2500 daN stretched, 5000 daN in the strapping

Scope of supply

2-piece

with **EUROPART** logo



Version	Length	Fixed end	Loose end	Pre-tension force	Order no.
with profile hook and push ratchet	8000 mm	500 mm	7500 mm	300 daN	9690 000 030
with profile hook and push ratchet	10000 mm	500 mm	9500 mm	300 daN	9194 510 000
with profile hook and push ratchet	12000 mm	500 mm	11500 mm	300 daN	9690 000 184
with profile hook and pull ratchet	8000 mm	500 mm	7500 mm	600 daN	9690 515 036
with profile hook and pull ratchet	10000 mm	500 mm	9500 mm	600 daN	9690 515 038
with U profile hook and push ratchet	8000 mm	500 mm	7500 mm	300 daN	9690 000 027
with spring hook and push ratchet	8000 mm	500 mm	7500 mm	300 daN	9690 000 028

8

Load securing



Loose end

Width 50 mm
 Colour red
 Material Polyester (PES)
 Standard EN 12195-2

permissible tensile force 2500 daN stretched, 5000 daN in the strapping

with **EUROPART** logo

This figure corresponds to 9690 900 003

Version	Length	Order no.
with profile hook	7500 mm	9690 900 002
with profile hook	9500 mm	9690 900 001
with profile hook	11500 mm	9690 900 005
with snap hook	7500 mm	9690 900 003



Dolezych

Ratchet strap

Version with U profile hook and pull ratchet
 Width 50 mm
 Length 8000 mm
 Fixed end 500 mm
 Loose end 7500 mm
 Colour orange
 Material polyester (PES)
 Standard DIN-EN 12195-2

permissible tensile force 2500 daN stretched, 5000 daN in strapping

Scope of supply

2-piece

not suitable for lashing down

Order no.
9690 515 078





Ratchet strap

Version with fixing rail fittings and push ratchet
 Width 50 mm
 Length 3500 mm
 Fixed end 1200 mm
 Loose end 2300 mm
 Colour red
 Material Polyester (PES)
 Standard EN 12195-2

Permissible tensile force 750 daN stretched, 1500 daN in the strapping.

Scope of supply

2-piece

with EUROPART logo

Order no.

9690 000 042



Dolezych

Ratchet strap

Version with profile hook and push ratchet
 Colour blue
 Material polyester (PES)
 Standard DIN-EN 12195-2

permitted tensile force 1500 daN stretched, 3000 daN in strapping

Application range

for car transportation

Width	Length	Fixed end	Loose end	Order no.
50 mm	2000 mm	200 mm	1800 mm	9690 501 533
35 mm	2600 mm	150 mm	2450 mm	9690 351 533



Ratchet strap

Version with profile hook and push ratchet
 Width 35 mm
 Length 2000 mm
 Fixed end 200 mm
 Loose end 1800 mm
 Colour blue
 Material Polyester (PES)
 Standard EN 12195-2

permitted tensile force 1500 daN stretched, 3000 daN in the strapping.

Application range

for car transportation

Scope of supply

2-piece

Order no.

9690 000 045



Dolezych

Ratchet strap

Version with fixing rail fittings and push ratchet
 Width 50 mm
 Colour red
 Material polyester (PES)
 Standard EN 12195-2

permissible tensile force 750 daN stretched, 1500 daN in strapping

Scope of supply
 2-piece

(Illustration similar)

Length	Fixed end	Loose end	Order no.
4500 mm	500 mm	4000 mm	9690 000 024
4800 mm	1200 mm	3600 mm	9698 264 812
5000 mm	1200 mm	3800 mm	9690 511 534



Dolezych

Ratchet strap

Version with profile hook and push ratchet
 Width 75 mm
 Colour orange
 Material polyester (PES)
 Standard EN 12195-2

permissible tensile force 5000 daN stretched, 10000 daN in the strapping

Scope of supply
 2-piece

only suitable for direct lashing

(Illustration similar)

Length	Fixed end	Loose end	Order no.
4000 mm	700 mm	3300 mm	6926 750 034
6000 mm	500 mm	5500 mm	9690 505 034
8000 mm	700 mm	7300 mm	9690 750 034



Dolezych

Ratchet strap

PowerLash GTR 75

Width 75 mm
 Fixed end 700 mm
 Loose end 1800 mm
 Colour orange
 Standard EN 12195-2

permissible tensile force 5000 daN stretched, 10000 daN in strapping

only suitable for direct lashing

Version	Length	Order no.
with eye hook/wide mouth hook and pull ratchet	2500 mm	9696 760 006
with triangular snap hook and pull ratchet	4000 mm	9697 600 002



Ratchet strap

Version with drop side clamp and lever turnbuckle
 Width 45 mm
 Length 3600 mm
 Standard EN 12195-2

Application range

especially for secure anchorage of small loads at any position on the board wall

Order no.

9690 790 140



Ratchet strap

Version with profile hook and push ratchet
 Width 35 mm
 Length 4000 mm
 Fixed end 300 mm
 Loose end 3700 mm
 Colour green
 Material polyester (PES)
 Standard EN 12195-2

Permissible tensile force 1000 daN stretched, 2000 daN in the strapping.

Scope of supply

2-piece

not suitable for lashing down

Order no.

9690 352 056



8

Load securing

Dolezych

Ratchet strap

Version with profile hook and push ratchet
 Width 25 mm
 Length 4000 mm
 Fixed end 300 mm
 Loose end 3700 mm
 Colour red
 Material polyester
 Standard EN 12195-2

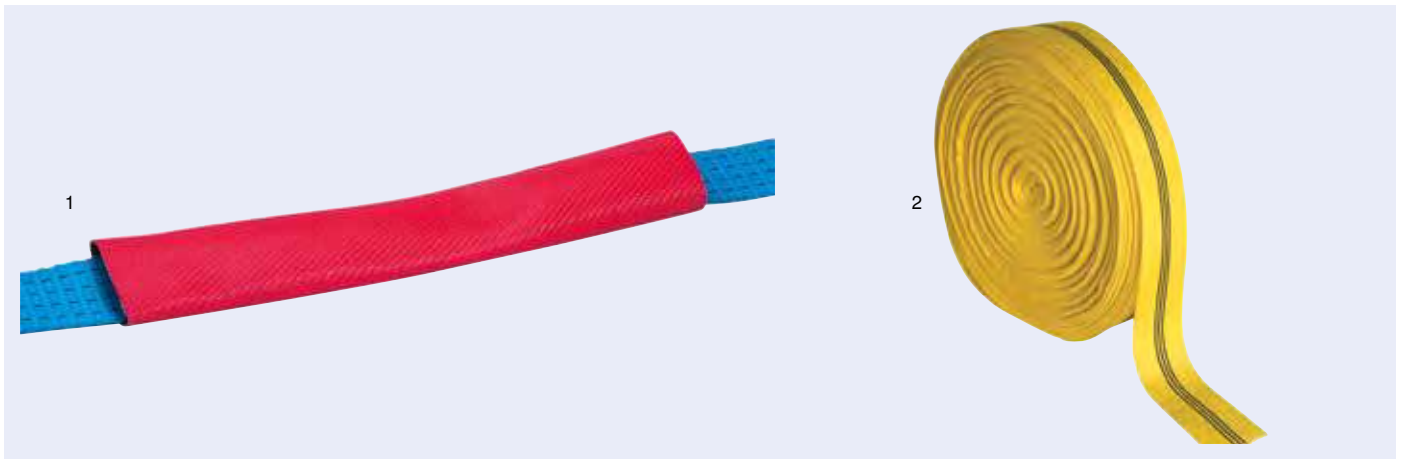
permitted tensile force 350 daN stretched, 700 daN in the strapping

not suitable for lashing down

Order no.

9690 250 736





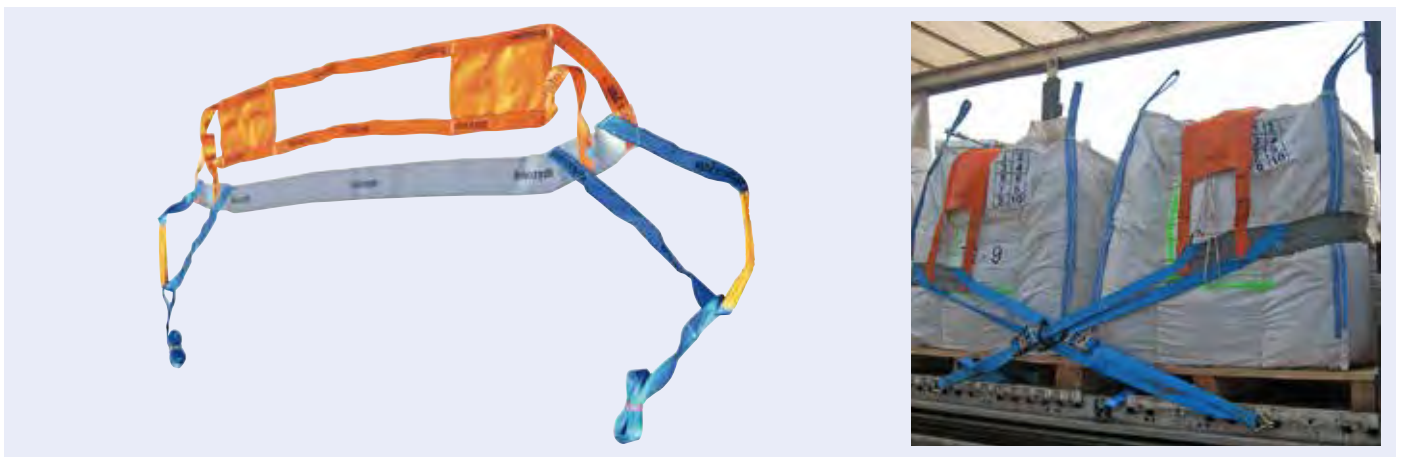
Protective hose

suitable as edge protection

suitable for	Length	Material	Fig.	Order no.
lashing strap, width of strap 25 mm	500 mm	PVC	1	9534 434 602
lashing strap, width of strap 35 mm	500 mm	PVC	1	9695 000 050
lashing strap, width of strap 50 mm	500 mm	PVC	1	9534 434 603
lashing strap, width of strap 50 mm	by the metre	polyester	2	9690 000 711

8

Load securing



Load securing system

Application range

suitable for all soft packaging with surging movements, such as Oktainers, bagged goods in shrink film on pallets, drink bins, BigBags and other cargo that is not suitable for lashing

Scope of supply	Order no.
with loose ends	9690 000 040
with built-in ratchets and loose-strung profile hooks	9690 000 041

Dolezych

Load securing bag for transporting tubes

Width 280 mm
Height 100 mm
Depth 400 mm

Order no.
9690 990 043



Dolezych

Safe transport

Application range

for transporting gas bottles horizontally

Description	Order no.
for gas bottles with 10 litre contents	9690 002 032
for gas bottles with 20/50 litre contents	9690 002 050



Dolezych

Load securing disc

Trucker's Disc

quickly and easily determine the correct number of straps, suitable for various loads, vehicle floors, lashing angles and lashing means

Application range

for lashing down and diagonal straps

Help in practice for all occasions!

Order no.
9690 699 999



Goniometer set

to secure loads

for determination of the vertical angles α and β

Order no.
9506 999 990



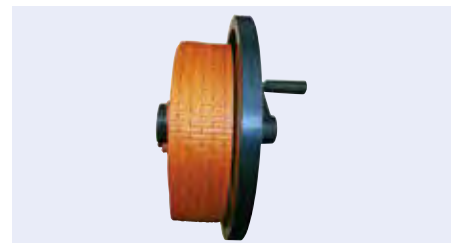
Releasing reel

for convenient and fast rolling up of 50 mm loose ends, when rolled up, loose ends can be more easily stowed, take up less space and are more quickly ready for use again

Application range

for 50 mm strap

Order no.
9696 000 078



Dolezych

Lashing capacity gauge

Surface galvanised

Application range

for determining the preload forces

Order no.
9690 504 031





Edge protection

resistant and flexible

Dimensions 150 x 200 x 170 mm
 Colour black
 Material polypropylene

K-factor is ≥ 1.78

Application range

for transporting paper rolls

TÜV-certified

	Order no.
	9690 000 232



Edge protection

Dimensions 130 x 95 mm
 Band width 65 mm
 Colour black
 Material Plastic

Version	Order no.
with slot, open	9690 000 230
with slot, closed	9690 000 231



Dolezych

Edge protection rail

for all widths of webbing

Dimensions 190 x 190 x 19 mm
 Colour red
 Material polypropylene

Application range

for boxes, pallet cages, stone slabs etc.

special lengths on request

Length	Order no.
600 mm	9690 600 360
800 mm	9690 600 370
1000 mm	9690 600 371
1200 mm	9690 600 372
6000 mm	9690 003 007





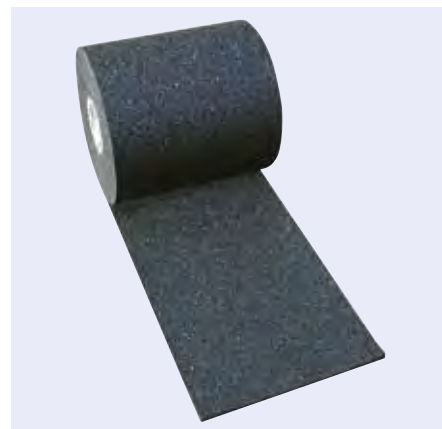
Non-slip mat

more protection and safety through non-slip effect, better stability

Width 250 mm
 Thickness 8 mm
 Colour black
 Friction coefficient 0.65 μ

tested by Fraunhofer Institute

Length	Order no.
5000 mm	9690 000 300
10000 mm	9690 000 245

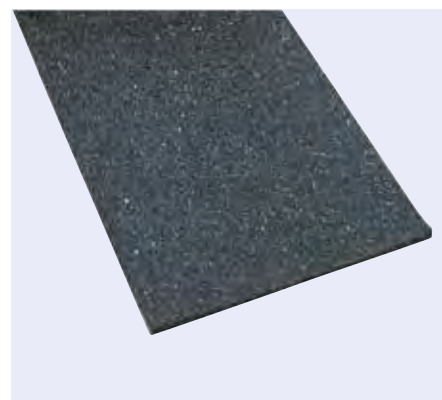


Non-slip mat

more protection and safety through non-slip effect, better stability

Colour black
 Friction coefficient 0.65 μ

Length	Width	Thickness	Order no.
150 mm	100 mm	3 mm	1195 910 188
200 mm	100 mm	8 mm	1195 900 055
200 mm	100 mm	10 mm	1195 900 092
250 mm	200 mm	8 mm	9690 000 186
300 mm	200 mm	10 mm	9536 101 109
600 mm	150 mm	3 mm	1195 900 043



8
Load securing

In order to prevent goods being transported from slipping, anti-slip mats and floor coverings can be used in conjunction with other load securing devices. Anti-slip mats are made from granulated rubber material, they increase the friction between the load and the floor and therefore reduce the danger of the load slipping.

Anti-slip mats are only effective if the load surface is free from residues such as sand, granules etc. The "well swept" load surface is a precondition for correct load security. The broom should be a part of the standard equipment of a commercial vehicle.



Canvas tarpaulin

Version with eyes
 Thickness 1 mm
 Colour green

Length	Width	Order no.
3000 mm	2000 mm	3000 227 100
4500 mm	2500 mm	9690 146 800
4000 mm	3000 mm	3000 227 101
5000 mm	3500 mm	9690 130 505
5000 mm	4000 mm	3000 227 103
7000 mm	3500 mm	9690 130 511
8000 mm	3500 mm	9690 130 512
8000 mm	6000 mm	3000 227 104



Lifting chain

Quality grade 10

Version	Useful length	Chain strength	Technical data	Width x height x depth	Order no.
1 leg	1 m	8 mm	load capacity 90°, 2500 kg	300 x 200 x 100 mm	9696 017 089
2 legs	1 m	8 mm	load capacity 0° ≤ 45°, 3550 kg load capacity >45° ≤ 60°, 2500 kg	300 x 200 x 100 mm	9696 017 128
2 legs	1 m	10 mm	load capacity 0° ≤ 45°, 5600 kg load capacity >45° ≤ 60°, 4000 kg	300 x 200 x 100 mm	9696 017 014
2 legs	3 m	8 mm	load capacity 0° ≤ 45°, 3550 kg load capacity >45° ≤ 60°, 2500 kg	300 x 200 x 100 mm	9696 030 257
2 legs	3 m	10 mm	load capacity 0° ≤ 45°, 5600 kg load capacity >45° ≤ 60°, 4000 kg	300 x 200 x 200 mm	9696 027 755
4 legs	3 m	10 mm	load capacity 0° ≤ 45°, 8000 kg load capacity >45° ≤ 60°, 6000 kg	400 x 200 x 200 mm	9696 027 834

We will be pleased to supply further lifting chains in quality grade 12 on request. Please contact us!



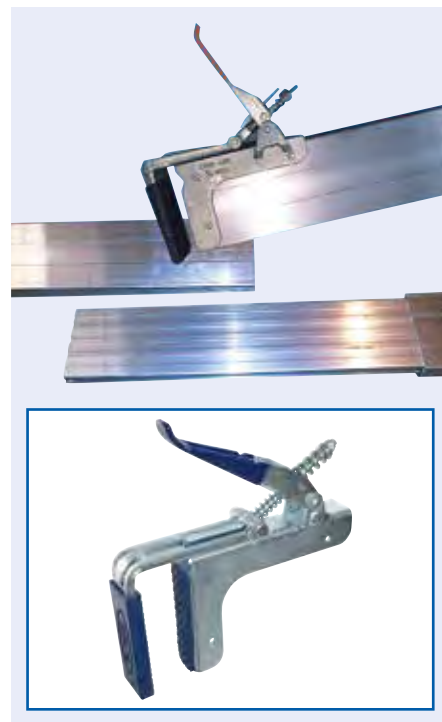
**Intermediate panel lock
to secure loads**

for insertion and clamping on the gate or on the tarpaulin frame

Version completely assembled
 Locking force 400 daN
 Length range 2400-2700 mm
 Surface blue anodized

Scope of supply
 with extendable aluminium plate and 2 locks

	Order no.
	9690 000 034



Accessories

Description	Order no.
End piece	9081 021 442

8
Load securing

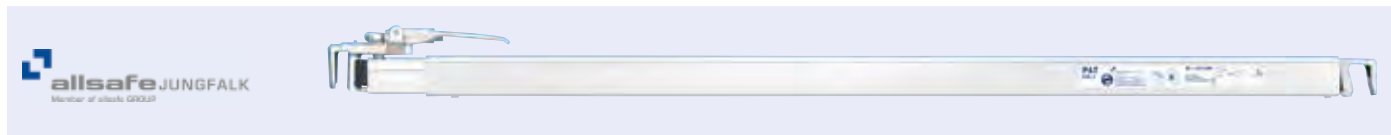


**Intermediate panel lock
ClipBoard**

Locking force 1000 daN
 Material aluminium

Application range
 for board panel 18-35 mm

Type	Length range	Order no.
PAT1000-1	2400-2520 mm	9695 110 201
PAT1000-2	2290-2520 mm	9695 110 221



**Intermediate panel lock
ClipBoard**

patented joint for secure anchoring to the gate side/roof arch bar, lock on one side for easy positioning and locking

Locking force 625 daN
 Length range 2460-2520 mm
 Material aluminium

Application range
 for gate side 25 mm

	Order no.
	9695 111 301





Clamping bar toothed rack

comprising spring system, rubber bases and aluminium pipe

Locking force 300 daN
Length range 2350-2720 mm
Pipe Ø 42 mm

	Order no.
	9690 000 090

Accessories

Description	Order no.
Telescopic tube	9690 000 089
Housing	9690 002 208
Rubber base	9690 000 228



8

Load securing



Clamping bar SAM Profi

Used as flexible storage compartment separation. Simple securing of loads using vertically or horizontally clamped bars, without changes to the bodywork. For connections that are as secure as they are flexible: with large adjustment area, high load-bearing capacity up to 140 daN and built-in comfort through the integrated, pre-tensioned spring package. In various designs for all possible case sizes. Rubber feet both sides.

Locking force 140 daN
Pipe Ø 52 mm
Material Aluminium

As options, the bars are also available in one-sided or two-sided versions with 19 or 24 mm bolts.

Length range	Order no.
2100-2700 mm	9695 105 101
2500-3100 mm	9691 051 016



Clamping bars are usually mounted diagonally or across the load space. Only clamping bars that have been supplied by quality manufacturers and tested to these high standards should be used to guarantee safety. Never risk using "home-made" bars!

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**Clamping bar
SAM**

Rubber feet both sides

Locking force 140 daN

Length range	Order no.
2350-2745 mm	9690 071 084
2650-3045 mm	9695 103 742



**Telescopic tube
Locking barrier**

Length range 2100-2470 mm

Pipe Ø 42 mm

Load capacity, max. 140 daN

Material aluminium

Order no.
9690 000 089



Ratch

KIM 55 Profi

Version round, with integrated measuring tape
 ∅ 55 mm
 Material Aluminium

Rod ∅	Hole ∅	Length range	Order no.
8 mm	20 mm	2200-2800 mm	9690 710 321
8 mm	20 mm	2440-2510 mm	9690 710 331
10 mm	25 mm	2200-2800 mm	9690 710 323

8

Load securing



Ratch

Airline-Beam 1855

suitable for horizontal and vertical use, automatic airline pins on both sides each lock into a pair of holes in the airline lashing rails, telescopic tubes exert no spring pressure on the vehicle, can be offset at a slight angle

Application range

together with parallel running airline lashing rails in the vehicle, trailer or other means of transport, provides form-fitting load securing

Locking force	Length range	Order no.
100-300 daN	1700-2500 mm ¹	9108 551 700
200-300 daN	1200-1750 mm	9108 551 200

¹ note working height for vertical use



Load beam

for combination stay/lashing rail

steel end pieces on both sides

Load capacity 1000 daN
 Length range 2303-2582 mm
 Pipe ∅ 83 x 66 mm
 Material aluminium

Order no.

9690 000 215

Accessories

Description	Order no.
End piece	9690 183 901



Combination stay/lashing rail

3009

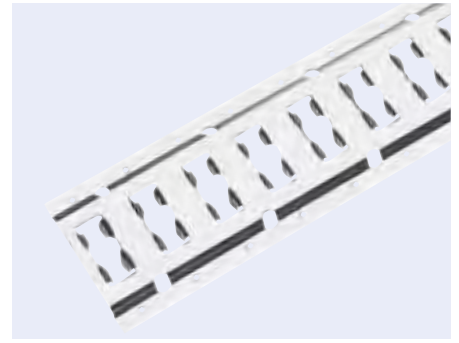
Length 3050 mm
 Width 131 mm
 Height 12 mm
 Material steel
 Surface galvanised

Application range

For medium-weight goods

Order no.

9690 000 203



Lashing rail

Airline 5002

Type 5002
 Hole \varnothing 20 mm
 Material aluminium
 Length 2997 mm
 Width 34 mm
 Height 9,6 mm

Application range

especially for computer transport, air freight and parcel service vehicles

Order no.

9690 071 226



Accessories

Description

End fitting

Order no.

9690 005 018

Fixing rail

for wall mounting horizontally

Material steel
 Surface galvanised

Application range

compatible with 19/24 mm \varnothing combination spigots and all usual combination fixing rail end fittings

Type	Length	Material thickness	Order no.
3008	3000 mm	2,5 mm	9082 138 021
3009	3048 mm	3 mm	9082 138 015

Accessories

Description

End piece - anchoring rails

Order no.

8000 000 483



Round hole lashing rail

Length	3000 mm
Height	11,5 mm
Thickness	2,5 mm
Hole Ø	25 mm
Material	steel
Surface	galvanised

Application range

for medium weight goods, telescopic tubes, clothes rails and lashing straps

Order no.

9690 002 202

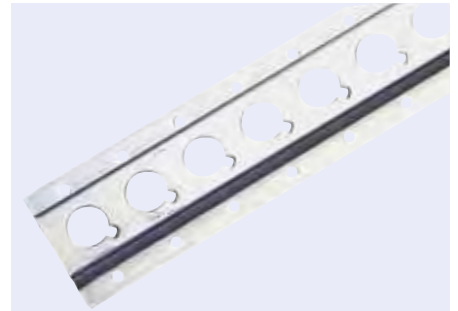
Accessories

Description

Order no.

End piece - anchoring rails

8000 000 483



Rod lashing rail

Length	3000 mm
Bolt thickness	8 mm
Material	aluminium

Height

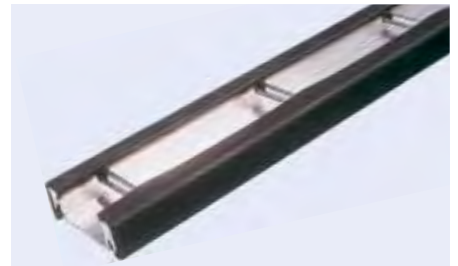
Order no.

48 mm

1500 003 114

65,6 mm

9690 071 099



Storage cushion

2-layer, with inner-tube valve

Height	Width	Order no.
1000 mm	1000 mm	9696 091 206
1200 mm	1000 mm	9696 091 207
1800 mm	1200 mm	9696 091 211
2400 mm	1200 mm	9696 091 202
2400 mm	2000 mm	9696 091 215

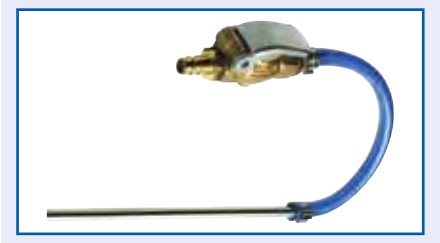
Accessories

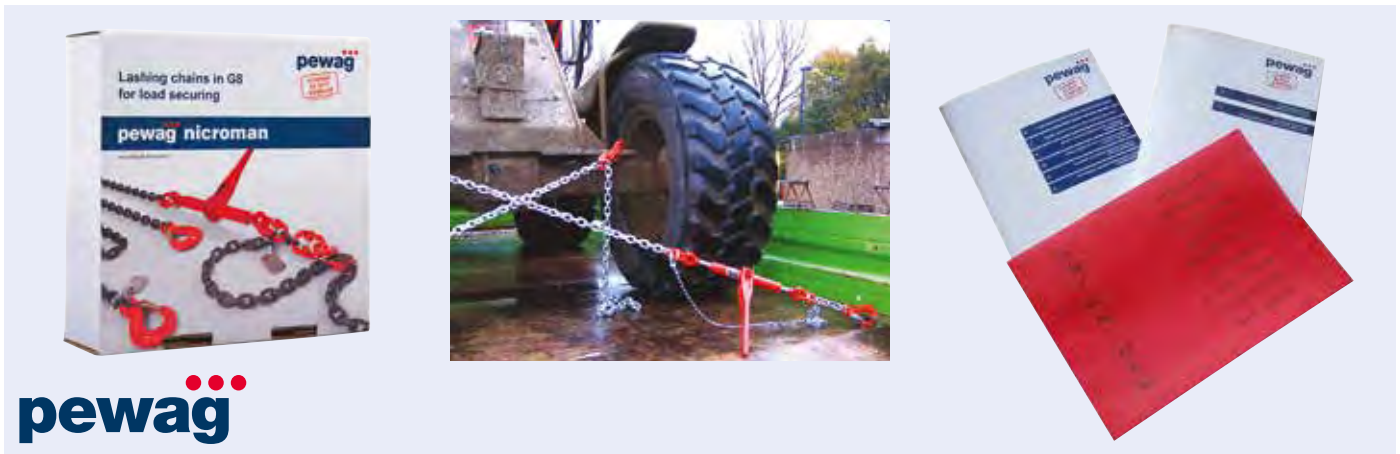
Description

Order no.

Pneumatic gun, with inner-tube valve

9696 919 999





Lashing chain

in accordance with VDI 2701, DIN EN 12195-3, with 2 quick-link hooks

Quality grade 8

Application range

particularly suitable for heavy duty

Version	Tensile strength	Link thickness	Length	Order no.
1-piece	4000 daN	8 mm	3500 mm	9698 121 953
1-piece	6300 daN	10 mm	3500 mm	9691 012 195
1-piece	6300 daN	10 mm	6000 mm	9692 985 101
1-piece	10000 daN	13 mm	3500 mm	9691 312 195
2-piece	4000 daN	8 mm	3500 mm	3002 414 932
2-piece	6300 daN	10 mm	3500 mm	9690 531 001
2-piece	6300 daN	10 mm	4500 mm	3002 431 916
2-piece	6300 daN	10 mm	5000 mm	3002 420 410

We will be pleased to supply further lashing chains in quality grade 10/12 on request. Please contact us!

Lashing chains are primarily used as an aid in securing the loads in heavy haulage including the movement of heavy goods, for example concrete components.

Lashing chains are an extremely tough load securing device **made of hardened steel** to at least a quality grade of 8.

Because of their high strength and resistance to dirt, oil and other chemicals, they are **mainly used for securing heavy loads**. They are predominantly used in direct lashing with only a limited use for the lashing down of goods.

In contrast to lashing straps, lashing chains have achieved much **higher tensile forces** (LCorFperm). Lashing chains exhibit very low stretching behavior. The stretch factor of high strength round steel chains when maximum tensile force is reached is about 1 %.

All lashing chains that were manufactured after July 2001 (see identification tag) must conform to the European standard Din EN 12195-3.

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Ratchet load tensioner L-140

Standard DIN-EN 12195-3



Tensile strength	Chain strength	Version	Order no.
4000 daN	8 mm	with unscrewing protection and 2 parallel hooks with safeguard	9690 801 401
6300 daN	10-8 mm	with screwing-out prevention device and 2 parallel hooks with safety device	9690 801 432
10000 daN	13-8 mm	with unscrewing protection and 2 parallel hooks with safeguard	9690 801 403
10000 daN	13-8 mm	2 eyes, no hooks	9690 811 402

8

Load securing



Goniometer Lash Mate, to secure loads

Width x height x depth 200 x 120 x 16 mm

Order no.
9696 085 970

Wire cable

Material steel
Standard DIN EN 12385
Surface galvanised

Cable dia.	Length	Order no.
1,5 mm	50 m	9080 006 715
4 mm	30 m	9081 510 820
5 mm	30 m	9081 510 830
6 mm	30 m	9081 510 840
8 mm	30 m	9081 510 850
10 mm	30 m	9081 510 860
12 mm	30 m	9081 510 870





Lashing ring

with weld-on lug and built-in spring, quality grade 8, with BG approval

The regulations according to DIN EN 14341 and EN 287-1 apply to welding work!

Load capacity	Order no.
3,15 t	6966 092 460
5,3 t	6966 064 470



Lashing eye for roll-on/roll-off ships

without weld-on lug

Load capacity, max.	15 t
Standard	EN 29367-2
Width	129 mm
Height	132 mm
Surface	galvanised

Order no.
9081 317 110

Accessories

Description	Order no.
Weld-on lug	9081 317 120



Lash tray

Breaking strength	300 daN
Length	103 mm
Overall width	70 mm
Interior width	13 mm
Material thickness	6 mm

Order no.
4434 000 765



Lash tray with ring

Load capacity 2500 daN

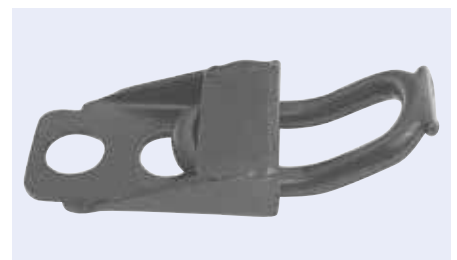
Length x width x depth	Order no.
90 x 95 x 30 mm	9081 315 600
72 x 116 x 24 mm	9082 060 045



Lashing ring for floor frame profile

Load capacity	2500 daN
Width	66 mm
Height	105 mm
Surface	primed

Order no.
9082 060 007





Lifting belt

DIN-EN 1492-1

two-layer sewn polyester band, dimensionally stabilised and impregnated, with 7X safety, colour-coding of the lifting safety, with 2 stitched, half-strengthened loops, better handling thanks to longer and tapered loops

Version	Colour	Band width	Length	Loop length	Order no.
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	60 mm	2 m	300 mm	9534 878 324
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	60 mm	3 m	300 mm	9534 878 328
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	60 mm	4 m	300 mm	9534 878 332
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	60 mm	5 m	300 mm	9534 878 336
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	60 mm	6 m	300 mm	9534 878 340
Lifting capacity, stretched draw 3,000 kg, in U-shape 6,000 kg	yellow	90 mm	4 m	350 mm	9534 878 346
Lifting capacity, straight draw 3000 kg, in U-shape 6000 kg	yellow	90 mm	5 m	350 mm	9534 878 350
Lifting capacity, straight draw 3000 kg, in U-shape 6000 kg	yellow	90 mm	6 m	350 mm	9539 447 082



Round loop

made of continuous polyester fibre, with 7X safety, safe verifying facility through colour-coding of the lifting capacity, single casing

Version	Colour	Band width	Useful length	Scope	Order no.
Lifting capacity, stretched draw 1000 kg, in U-shape 2000 kg	violet	44 mm	1 m	2 m	9534 878 200
Lifting capacity, stretched draw 1000 kg, in U-shape 2000 kg	violet	44 mm	1,5 m	3 m	9534 878 204
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	44 mm	1 m	2 m	9534 878 216
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	44 mm	1,5 m	3 m	9534 878 220
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	44 mm	2 m	4 m	9534 878 224
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	44 mm	3 m	6 m	9534 878 232
Lifting capacity, stretched draw 3,000 kg, in U-shape 6,000 kg	yellow	55 mm	1,5 m	3 m	9534 878 240
Lifting capacity, stretched draw 3,000 kg, in U-shape 6,000 kg	yellow	55 mm	2 m	4 m	9534 878 244
Lifting capacity, stretched draw 3,000 kg, in U-shape 6,000 kg	yellow	55 mm	3 m	6 m	9534 878 252
Lifting capacity, stretched draw 5000 kg, in U-shape 10000 kg	red	44 mm	8 m	4 m	9690 000 037

Dolezych

Load safety net DoKEP®, for trucks

Colour orange
Material polyester



Version	Tensile strength	Length	Width	Mesh width	Order no.
main netting	1000 daN	4060 mm	3130 mm	280 mm	9696 002 025
extension netting	1000 daN	2200 mm	3130 mm	280 mm	9696 002 026
main netting	2000 daN	4060 mm	3130 mm	280 mm	9696 002 027
extension netting	2000 daN	2200 mm	3130 mm	280 mm	9696 002 028
separating net			2425 mm	175 x 75 mm	9696 000 124
side protection net			2950 mm	300 mm	9696 000 122
side protection net			2950 mm	300 mm	9696 000 123

Dolezych

Load safety net DoKEP®

Tensile strength 500 daN
Band width 25 mm
Colour orange
Material polyester

Length	Width	Mesh width	Order no.
2825 mm	1625 mm	175 mm	9696 002 302
2950 mm	1650 mm	300 mm	9696 002 301

Further sizes available on request!

Accessories

Description	Order no.
Fastening set, 6 piece set with mini ratchet and 12 x S-hooks	9696 002 380



Container cover net

a must for environmental protection

Version knotless
Mesh width 45 mm
Width 3500 mm
Thread Ø 3 mm
Colour green
Material polypropylene

Length	Order no.
5000 mm	9690 100 000
6000 mm	9690 200 000
7000 mm	9690 300 000
8000 mm	9690 400 000
10000 mm	9690 500 000





Plug-in board

Material wood

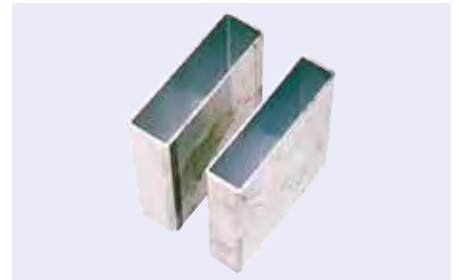
Version	Length	Height	Thickness	Fig.	Order no.
planed	3300 mm	95 mm	24 mm	1	9199 970 040
planed	3600 mm	111 mm	25,5 mm	1	9199 970 000
rounded	3900 mm	111 mm	25,5 mm	2	9199 970 005
rounded	4220 mm	111 mm	25,5 mm	2	9199 970 096

Plug-in board

Material aluminium
 Length 6000 mm
 Width 25 mm
 Overall height 100 mm
 Thickness 2,2/1,8 mm

sold by the meter

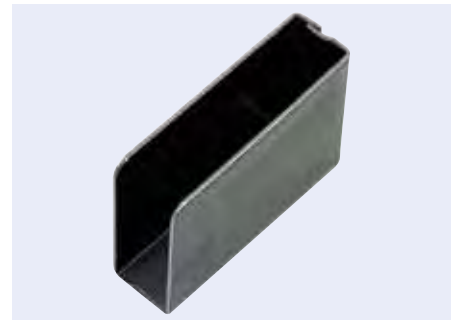
Order no.
9086 210 450



Slip-in bag for slat board

Version single, rear closed
 Surface untreated
 Width 80 mm
 Height 110 mm
 Thickness 2,5 mm

Interior length	Order no.
25 mm	9081 312 280
28 mm	9081 312 260



Clamping bag

Application range
for load securing on platform vehicles

Scope of supply
with wing screw

Installation side	Order no.
left	9080 000 098
right	9080 000 097





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PART

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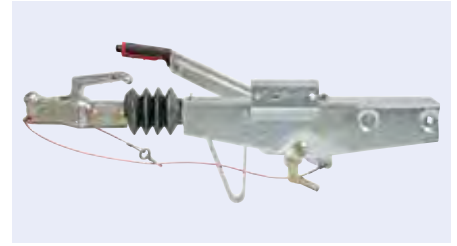


Spare parts for car and van trailers

Couplings.....	854–857
Wheel brake	858–863
Axle shock absorber	864
Ball head couplings	865–867
Anti-theft devices	868, 869
Support wheels.....	870–872
Stop blocks	873, 874
Stop blocks	875
Cable winches and drive-on ramps	876
Add-on parts.....	877
Load securing for car and van trailers	878–882
Electrical accessories.....	883



Ramp direction square



This figure corresponds to 6310 002 540

Type	Drawbar load	Overall weight, perm.	Order no.	Comparative no.
90S/3	75 kg	750-1000 kg	6310 002 540	AL-KO 249 268
161S	100 kg	950-1600 kg	6310 002 470	AL-KO 247 686
251S	100 kg	1500-2600 kg	6310 002 475	AL-KO 247 687

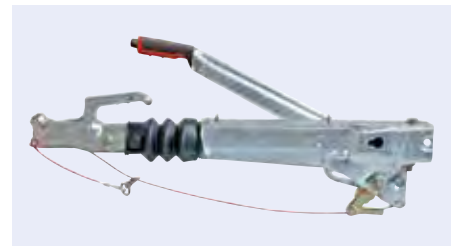


Ramp direction

Version installation from above, with ball coupling

Application range

for assembly on the V-drawbar from the top



This figure corresponds to 6310 002 460

Type	Drawbar load	Overall weight, perm.	Hole pattern	Order no.	Comparative no.
90 S/3	75 kg	700-1000 kg	120 mm/166-210 mm	6310 002 520	AL-KO 249 212
161 S	100 kg	950-1600 kg	120 mm/166-217 mm	6310 002 460	AL-KO 247 661
251 G	100 kg	1500-3000 kg	120 mm/166-217 mm	6310 002 535	AL-KO 249 249
251 S/A	100 kg	1500-2700 kg	120 mm/166-200 mm	6314 081 251	AL-KO 247 581
2.8 VB/1	150 kg	2500-3500 kg	135 mm/185-240 mm	1007 751 565	AL-KO 1 251 565



Bellows for control device



This figure corresponds to 6310 000 322

Version	suitable for	Inner Ø	Length	Order no.	Comparative no.
with screw cover	161S, 251S, 131R, 161R, 251R, 251G, 161VB/VB-2, 251VB/VB-2, 150V, 200V, 3000 Profi	49/54 mm	129 mm	6310 000 322	AL-KO 366 356
without screw cover	2,8 VB, 351S, 351 VB/VB-2, 43V, 3500 Profi	55/67 mm	125 mm	6310 000 135	AL-KO 217 266 05
without screw cover	30S, 60S, 75S, 90S, 100S, 101VB, 120S/SR, 160S, 200S/SR, 250S, 1,3 VB, 2,0 VB	28/38 mm	118 mm	6310 389 021	AL-KO 207 389 02 10
without screw cover	FTF FA 0.9, FA 1.4	37/46 mm	125 mm	6310 004 810	AL-KO 564 021
without screw cover	FA1.5, FA2.5, FA3.5	60/75 mm	180 mm	3363 005 599	AL-KO 564 020
without screw cover	351ZA	37/54 mm	115 mm	3363 004 978	AL-KO 607 133
without screw cover	SV50, SV75, SV110	36/44 mm	110 mm	3363 005 598	AL-KO 564 019

AL-KO

QUALITY FOR LIFE

**Cast bearing
for control device**

Outer \varnothing 78,5 mm
 Inner \varnothing 50 mm
 Length 254 mm
 suitable for 251 R

Order no.	Comparative no.
6310 003 710	AL-KO 368 347

**AL-KO**

QUALITY FOR LIFE

Bearing bush

Outer \varnothing	Inner \varnothing	Length	suitable for	Order no.	Comparative no.
50 mm	35 mm	40 mm	120 S/SV/SR/SR/1	6310 002 865	AL-KO 207 240 02 04
52,3 mm	40 mm	50 mm	200S/SV/SR	6310 002 935	AL-KO 207 558 01 03
52,3 mm	42 mm	50 mm	2.0VB/101VB	6310 002 945	AL-KO 207 703 02 01
53,3 mm	42 mm	50 mm	250S	6310 002 975	AL-KO 207 792 01 03
70,3 mm	60,2 mm	60 mm	2.8VB/2.8BW/351VB/43V/43ZA	6310 003 075	AL-KO 217 266 000 4

**AL-KO**

QUALITY FOR LIFE

Flange sleeve

Outer \varnothing 65,3 mm
 Inner \varnothing 50 mm
 Length 60 mm

Order no.	Comparative no.
6310 003 615	AL-KO 357 529

**AL-KO**

QUALITY FOR LIFE

Cartridge bearing

This figure corresponds to 6310 003 590

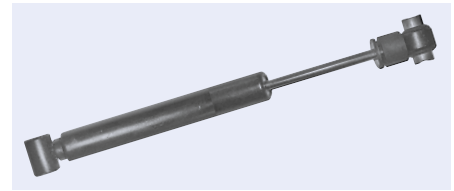
Outer \varnothing	Inner \varnothing	Length	suitable for	Order no.	Comparative no.
62 mm	50 mm	246 mm	150V	3363 006 142	AL-KO 690 180
62,3 mm	50 mm	266 mm	131R	6310 004 085	AL-KO 583 367
70 mm	50 mm	243 mm	161VB-2/251VB-2	3363 006 398	AL-KO 690 537
77,8 mm	50 mm	266 mm	161R/251R	6310 004 080	AL-KO 583 046
83,5 mm	50 mm	254 mm	251R	6310 003 590	AL-KO 357 188
103 mm	60 mm	290 mm	351VB-2	3363 006 579	AL-KO 1 302 603





Shock absorber for control device

This figure corresponds to 3363 006 620



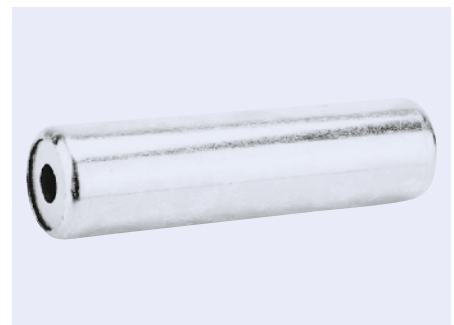
Type	Version	Fastening	Length	Order no.	Comparative no.
101 VB			170-280 mm	1007 766 348	AL-KO 366 348
120 S			130-230 mm	6310 811 200	AL-KO 207 240 04
120 SR				6310 081 120	AL-KO 2 077 5504
131 R				6310 081 131	AL-KO 357 048
131 R			130-380 mm	6310 811 310	AL-KO 583 529
150 V	with bush		125-395 mm	3363 006 412	AL-KO 690 389
160 SR			130-200 mm	6310 812 000	AL-KO 207 773 04
161 S		eye/eye		6310 003 740	AL-KO 370 557
161 S		eye/eye	330 mm	6310 081 161	AL-KO 353 936
161 S			130-380 mm	6310 811 610	AL-KO 370 556
161 S		eye/eye	130/200 mm	6310 003 671	AL-KO 365 482
161 S, 161 R		eye/eye		3363 006 445	AL-KO 365 728
2,8 VB, 351 Z				6310 081 280	AL-KO 217 266 04
200 S-SR/A				6310 081 200	AL-KO 207 173 03
200 V	with bush		125-395 mm	3363 006 411	AL-KO 690 388
251 S		eye/eye		6310 003 745	AL-KO 370 561
251 S			130-380 mm	6310 081 251	AL-KO 370 589
251 S		eye/eye	350 mm	6310 000 319	AL-KO 355 338
251 VB/S/G				6310 003 775	AL-KO 372 641
351 VB				6310 003 825	AL-KO 372 854
578, 878			578-878 mm	6310 003 585	AL-KO 357 061
60 S/S2		eye/eye		3363 006 620	AL-KO 207 672 04
90 S/1/S2/S3		eye/eye		6310 081 090	AL-KO 359 987
AE 3500		eye/eye		1007 712 170	AL-KO 121 70 90
FA 0.9				6310 003 395	AL-KO 276 078

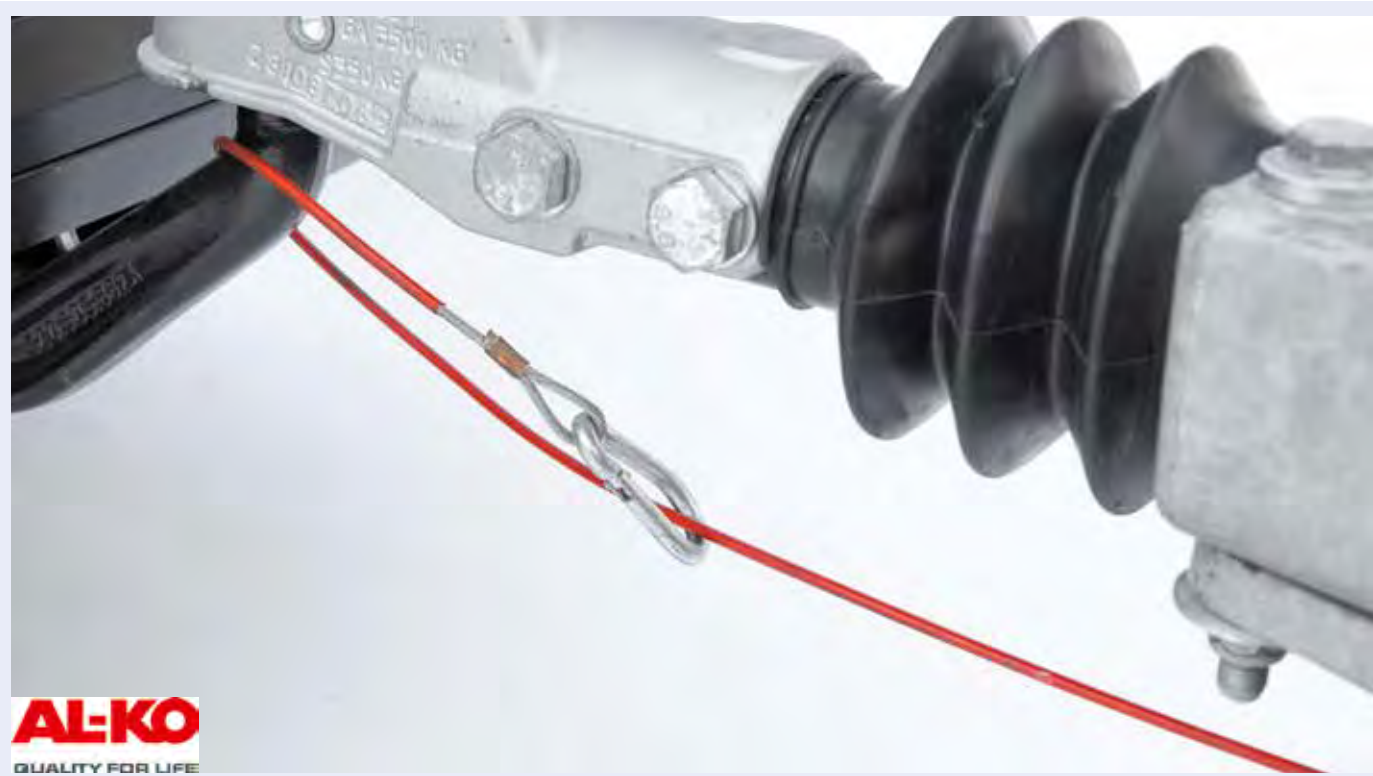


Spring accumulator

Scope of supply
complete

Length	∅	Order no.	Comparative no.
147 mm	37 mm	6310 002 930	AL-KO 207 502 06 01
170 mm	37 mm	6310 002 955	AL-KO 207 705 06 01
210 mm	40 mm	6310 003 165	AL-KO 217 834 08





Breakaway cable

Rope length	Order no.	Comparative no.
950 mm	6310 000 366	AL-KO 368 605
1350 mm	6310 003 050	AL-KO 209 494
1600 mm	6310 003 055	AL-KO 209 534
1800 mm	3363 005 104	AL-KO 375 162
1900 mm	6310 003 545	AL-KO 353 355
2050 mm	3363 005 384	AL-KO 649 392
2300 mm	3363 005 446	AL-KO 1 350 031



Bracket for plug

with 2-fold use
13-pole, 41,5 mm
7-pole, 36 mm

Order no.
3363 004 248

Comparative no.
AL-KO 218 260 00 04





Expansion lock



This figure corresponds to 3363 005 466

Version	Type	suitable for	Length	Order no.	Comparative no.
B	1637	brake size 160 x 35 mm	57 mm	3363 005 466	AL-KO 570 666
B	2050, 2051, 2350, 2360, 2361	brake size 200 x 50/230 x 50/230 x 60 mm	84 mm	6310 571 510	AL-KO 571 510
K	3081, 3062	brake size 300 x 60/300 x 80 mm	109 mm	3363 005 896	AL-KO 385 165
	3062AR, 3081AR	brake size 300 x 60/300 x 80 mm	106 mm	3363 007 261	AL-KO 574 372



Brake cable Profi Longlife

Type A
Version eye thread M8

This figure corresponds to 6310 004 225

Overall length	Cover length	Order no.	Comparative no.
785 mm	529 mm	6310 004 225	AL-KO 208 880 04 04
1025 mm	729 mm	6310 081 770	AL-KO 208 880 04 03
1145 mm	889 mm	6310 081 890	AL-KO 208 880 04
1265 mm	1009 mm	6310 811 010	AL-KO 208 880 04 06
1385 mm	1129 mm	6310 811 131	AL-KO 208 880 04 01
1565 mm	1309 mm	6310 811 300	AL-KO 208 880 04 02
1685 mm	1429 mm	6310 811 430	AL-KO 218 418 04



Brake cable Profi Longlife

Type B
Version nipple thread M8
suitable for wheel brake 1625, 1636G, 1637, 2051, 2361

Overall length	Cover length	Order no.	Comparative no.
740 mm	530 mm	6310 081 530	AL-KO 299 708
980 mm	770 mm	6310 810 770	AL-KO 299 709
1100 mm	890 mm	6310 081 891	AL-KO 299 710
1230 mm	1020 mm	6310 811 020	AL-KO 299 711
1340 mm	1130 mm	6310 811 130	AL-KO 299 712
1530 mm	1320 mm	6310 811 320	AL-KO 299 713
1640 mm	1430 mm	6310 811 431	AL-KO 299 714
1830 mm	1620 mm	6310 811 620	AL-KO 299 715
2000 mm	1790 mm	6310 003 490	AL-KO 299 716





Brake cable Profi Longlife

Type C
Version nipple-mushroom
suitable for wheel brakes 1636 G, 1637, 2051, 2361

one side bell \varnothing 23/26 mm/nipple, other side M12 thread with nut/quick assembly head

Overall length	Cover length	Order no.	Comparative no.
726 mm	520 mm	6318 105 300	AL-KO 247 282
946 mm	770 mm	6318 107 700	AL-KO 247 283
1086 mm	890 mm	6318 108 900	AL-KO 247 284
1216 mm	1020 mm	6318 110 200	AL-KO 247 285
1326 mm	1130 mm	6318 111 300	AL-KO 247 286
1516 mm	1320 mm	6318 113 200	AL-KO 247 287
1626 mm	1430 mm	6318 114 300	AL-KO 247 288
1816 mm	1620 mm	6318 116 200	AL-KO 247 289



Brake cable

Thread M10
suitable for wheel brakes 3081/3062

Overall length	Cover length	Order no.	Comparative no.
760 mm	500 mm	6310 003 239	AL-KO 241 106
1060 mm	800 mm	6310 003 240	AL-KO 241 107
1160 mm	900 mm	6310 003 245	AL-KO 241 108
1260 mm	1000 mm	6310 003 250	AL-KO 241 109
1360 mm	1100 mm	6310 003 255	AL-KO 241 110
1660 mm	1400 mm	6310 003 265	AL-KO 241 112
1860 mm	1600 mm	3363 006 315	AL-KO 241 113



Sealing cap for wheel brake

\varnothing	Order no.	Comparative no.
40,2 mm	6310 003 220	AL-KO 238 125 00 03
48 mm	6310 010 000	AL-KO 208 399 00 02
56 mm	3363 004 757	AL-KO 268 781 00 04
57 mm	6310 020 000	AL-KO 581 197
60 mm	3363 004 998	AL-KO 218 568 00 07
65 mm	6310 100 000	AL-KO 582 505
70 mm	6310 003 725	AL-KO 368 527
85 mm	3363 004 878	AL-KO 258 929 00 11





Flange nut

Version self-locking



suitable for	Thread	Spanner size	Order no.	Comparative no.
wheel brake 1637/2051	M24 x 1,5	32 mm	6310 082 000	AL-KO 581 200
wheel brake 2361	M27 x 2	36 mm	6310 000 800	AL-KO 582 506



Castellated nut

Standard DIN 937

Thread	Order no.	Comparative no.
M16 x 1,5	3363 004 334	AL-KO 700 754
M18 x 1,5	6310 004 145	AL-KO 700 117



Hexagon nut

Thread M16 x 1,5
Spanner size 24 mm

Order no.	Comparative no.
6310 002 745	AL-KO 1 312 008



Brake drum

Type 2361
Brake size 230 x 60 mm
Hole circle Ø 112 mm

Number of holes 5
Thread M12 x 1,5

Scope of supply
with taper bearing and LM bearing

Order no.	Comparative no.
3363 007 553	AL-KO 691 481



Brake drum

Brake size 300 x 80 mm
Hole circle Ø 205 mm

Number of holes 6
Thread M18 x 1,5

Scope of supply
with tapered roller bearing

Type	Version	Model	Order no.	Comparative no.
3081	A	K	3363 007 709	AL-KO 691 486
3080, 3081	A, B		3363 007 755	AL-KO 691 485





Brake drum

Thread M12 x 1,5

Scope of supply
with compact bearing



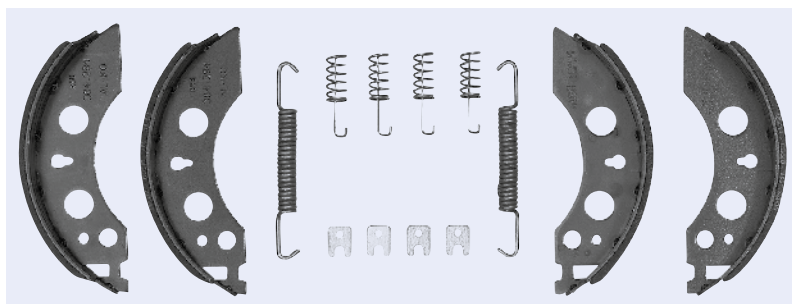
This figure corresponds to 6310 008 182

Type	Brake size	Hole circle \varnothing	Number of holes	Order no.	Comparative no.
1636G/1637	160 x 35 mm	112 mm	5	3363 006 798	AL-KO 623 750
1637 Euro Plus	160 x 35 mm	100 mm	4	1007 757 318	AL-KO 573 189
1637 Euro Plus	160 x 35 mm	112 mm	4	1007 757 319	AL-KO 573 190
2051 AB Euro Compact + Plus	200 x 50 mm	112 mm	5	6310 004 095	AL-KO 586 450
2051 Euro Compact	200 x 50 mm	112 mm	5	6310 000 500	AL-KO 623 113
2051 Euro Plus	200 x 50 mm	100 mm	4	6310 004 010	AL-KO 573 192
2051 Euro Plus	200 x 50 mm	112 mm	5	6310 081 780	AL-KO 573 193
2361	230 x 60 mm	112 mm	5	6310 008 182	AL-KO 690 673
2361 Euro Plus	230 x 60 mm	112 mm	5	6310 004 020	AL-KO 573 194



Brake shoe set for wheel brake

Scope of supply
with springs for one axle



This figure corresponds to 6310 008 174

Type	Brake size	Order no.	Comparative no.
1635/1636/1636 G/1637	160 x 35 mm	6310 008 184	AL-KO 1 213 888
2035	200 x 35 mm	6310 008 194	AL-KO 1 220 328
2050/2051	200 x 50 mm	6310 008 174	AL-KO 1 213 889
2360/2061	230 x 60 mm	6310 002 710	AL-KO 1 213 890
3062	300 x 60 mm	3363 007 806	AL-KO 1 220 334
3081	300 x 80 mm	6310 002 720	AL-KO 1 220 333



Spare parts set for wheel brake

Scope of supply

4 x brake shoe, 2 x spread lock, 2 x spring set, 2 x auto-return tension spring, 2 x adjuster pressure bow, 2 x half shell, 2 x auto-return lever bolts, 2 x auto-return lever split pin, 2 x auto-return lever (left/right), 2 x adjuster, 2 x adjuster leaf springs, 4 x plugs, 2 x brake cable eyes

Type	Brake size	Order no.	Comparative no.
1636/1637	160 x 35 mm	6310 002 685	AL-KO 1 213 885
2050/2051	200 x 50 mm	6310 002 690	AL-KO 1 213 886
2361	230 x 60 mm	6310 002 695	AL-KO 1 213 887



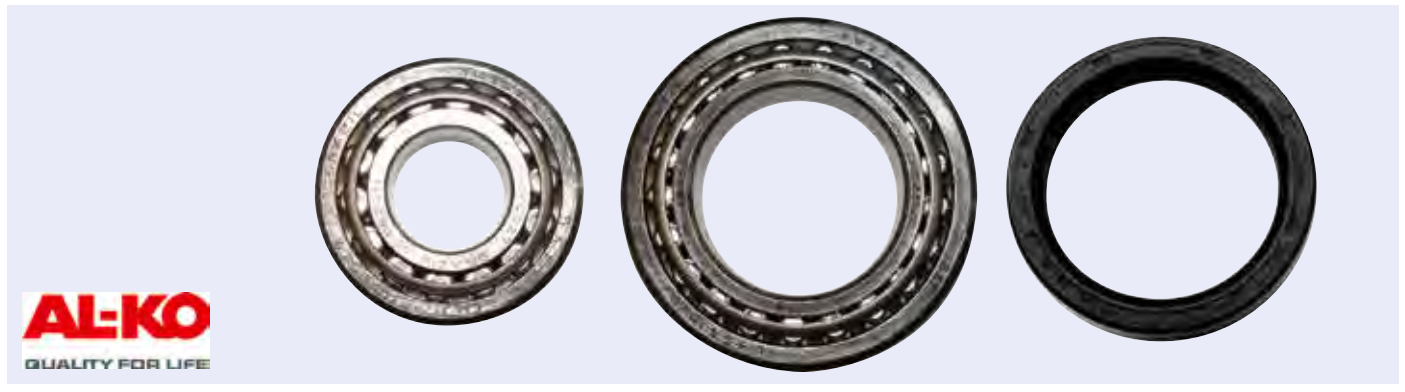


Wheel bearing set for wheel brake



This figure corresponds to 6310 833 000

Type	Brake size	Outer \varnothing	Inner \varnothing	Height	Scope of supply	Order no.	Comparative no.
1637	160 x 35 mm	60 mm	30 mm	37 mm	1 x bearing, 2 x retaining ring, 1 x flange nut	6311 224 800	AL-KO 1 224 800
2051	200 x 50 mm	64 mm	34 mm	37 mm	1 x bearing, 2 x retaining ring, 1 x flange nut	6310 833 000	AL-KO 1 224 801
2051	200 x 50 mm	64 mm	34 mm	37 mm	1 x bearing (watertight), 2 x retaining rings, 1 x flange nut	6310 104 767	AL-KO 1 224 802
2051	200 x 50 mm	72 mm	39 mm	37 mm	1 x bearing (watertight), 2 x retaining rings, 1 x flange nut	6310 105 514	AL-KO 1 224 804
2051 Euro Plus + Compact	200 x 50 mm	72 mm	39 mm	37 mm	1 x bearing, 2 x retaining ring, 1 x flange nut	6310 008 340	AL-KO 1 224 803
2361 Euro Plus	230 x 60 mm	80 mm	42 mm	42 mm	1 x bearing, 1 x retaining ring, 1 x flange nut	6311 224 805	AL-KO 1 224 805



Taper roller bearing set

Description	Type	Dimensions	Brake size	Order no.	Comparative no.
Set 1	SB 160, SR 160, 1635	taper 30203 J2, 17 x 40 x 13,25 mm taper 30205 J2, 25 x 52 x 16,25 mm	160 x 35 mm	6310 003 355	AL-KO 258 310
Set 2	SB 201, 202	taper 30204 J2, 20 x 47 x 15,25 mm taper 30206 J2, 30 x 62 x 17,25 mm	230,2 x 35 mm	6310 003 360	AL-KO 258 311
Set 3	SB 203, 2035, 2050, 2051	taper LM 11949/910, 19,050 x 45,237 x 15,494 mm taper LM 67048/010, 31,750 x 59,131 x 15,875 mm	200 x 35/200 x 50 mm	6310 000 817	AL-KO 258 312
Set 4	SB 236, SR 203 S, 2350, 2361	taper 32005 X, 25 x 47 x 15 mm taper 32007 X, 35 x 62 x 18 mm	230 x 50/230 x 60 mm	6310 003 370	AL-KO 258 313
Set 42	2360, 2361	taper LM 501349/310, 41,275 x 73,431 x 19,558 mm taper 32006 X, 30 x 55 x 17 mm	230 x 60 mm	6310 003 435	AL-KO 299 055
Set 43	UBR 850, 1636, 1637	taper LM 11749/710, 17,462 x 39,878 x 13,843 mm taper LM 45449/410, 29,000 x 50,292 x 14,224 mm	160 x 35 mm	6310 003 440	AL-KO 299 056



Tapered roller bearing



Type	Outer \varnothing	Inner \varnothing	Height	Order no.	Comparative no.
3062	100 mm	55 mm	22,75 mm	3363 006 028	AL-KO 701 774
3081 A	68 mm	40 mm	19 mm	3363 005 888	AL-KO 702 125



Wheel bolt

Form spherical
Surface galvanised

Thread	Length	Fig.	Order no.	Comparative no.
M10 x 1,25	22 mm	1	3363 004 562	AL-KO 208 892 00 10
M12 x 1,5	25 mm	2	6310 002 985	AL-KO 208 167 00 18
M12 x 1,5	25 mm	3	6310 002 990	AL-KO 208 167 00 20
M14 x 1,5	25 mm	4	6310 002 987	AL-KO 208 167 00 02



Axle shock absorber

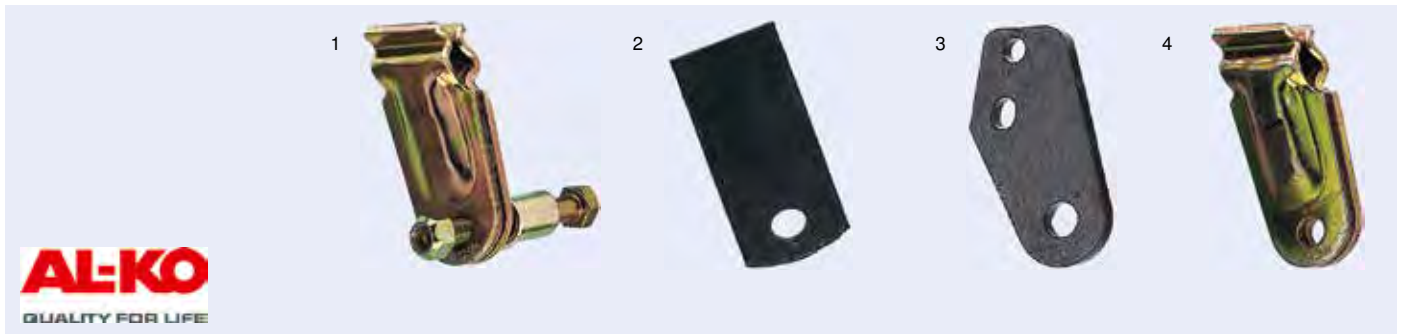


This figure corresponds to 6310 002 320

Type	Colour	Technical data	Application range	Order no.
Octagon PLUS	green	Single axle load capacity up to 900 kg, tandem axle up to 1600 kg	Trailing arm and semi-trailing arm	6310 002 315
Octagon PLUS	blue	Single axle load capacity up to 1350 kg, tandem axle up to 2700 kg	Trailing arm and semi-trailing arm	6310 002 320
Octagon PLUS	red	Single axle load capacity up to 2000 kg, tandem axle up to 3500 kg	Trailing arm and semi-trailing arm	6310 002 325
Octagon Compact	black	Single axle load capacity up to 4000 kg, tandem axle up to 7500 kg	Trailing arm and semi-trailing arm	6310 002 330
Universal COMPACT	black	Single axle load capacity up to 1500 kg, tandem axle up to 3000 kg	Trailing arm	6310 002 625

9

Spare parts for car and van trailers



Bracket for axle shock absorber

Version	Fig.	Order no.	Comparative no.
to put on	1	1007 711 257	AL-KO 1 211 257
for welding on	2	3363 004 957	AL-KO 1 312 110
with corresponding bore	3	1007 711 502	AL-KO 1 211 502
to insert	4	6310 002 335	AL-KO 244 088



Ball head coupling

Form round
Material steel
Surface galvanised



This figure corresponds to 1007 767 025

Type	Drawbar load	Overall weight, perm.	∅	Scope of supply	Order no.	Comparative no.
AK 160/A	120 kg	1600 kg	35 mm		6310 031 161	AL-KO 267 311
AK 160/B	120 kg	1600 kg	50 mm		3363 006 065	AL-KO 1 225 068
AK 161	120 kg	1600 kg	50 mm		1007 730 219	AL-KO 1 730 219
AK 161	120 kg	1600 kg	35 mm	with bolts, spacers and Soft Dock	1007 730 218	AL-KO 1 730 218
AK 270	120 kg	2700 kg	50 mm	with bolts, spacers and Soft Dock	6310 030 083	AL-KO 1 730 083
AK 270	120 kg	2700 kg	50 mm		6310 030 082	AL-KO 1 730 082
AK 300/A	120 kg	3000 kg	50 mm		6310 002 605	AL-KO 267 312
AK 300/A	120 kg	3000 kg	50 mm	3 x tapers, diameter 50 mm to 45 mm, 40 mm and 35 mm, bolts, washers and self-locking nuts	6310 003 104	AL-KO 246 960
AK 301	325 kg	3000 kg	50 mm	with bolts, key lock, Soft Dock and Safety Ball	3359 223 427	AL-KO 1 223 427
AK 301	325 kg	3000 kg	50 mm		3363 006 313	AL-KO 1 221 746
AK 301	325 kg	3000 kg	50 mm	with Soft Dock and bolts	3359 223 715	AL-KO 1 223 715
AK 351	350 kg	3500 kg	60 mm	with Soft Dock and bolts	3359 222 636	AL-KO 1 222 636
AK 351	350 kg	3500 kg	60 mm	with Soft Dock and bolts	3359 223 716	AL-KO 1 223 716
AK 7/C	75 kg	750 kg	60 mm		1007 767 024	AL-KO 1 367 024
AK 7/C	75 kg	750 kg	70 mm		1007 767 025	AL-KO 1 367 025



Ball head coupling

Form square
Drawbar load 75 kg
Overall weight, perm. 750 kg
Material steel
Surface galvanised



This figure corresponds to 3363 005 335

Type	Width	Bore hole	Order no.	Comparative no.
AK 7/D	50 mm	side/top	3363 005 335	AL-KO 1 224 339
AK 7/D	50 mm	top	3363 005 333	AL-KO 1 224 334
AK 7/E	60 mm	side/top	3363 005 337	AL-KO 1 224 343
AK 7/H	70 mm	top	1007 767 028	AL-KO 1 367 028
AK 7/I	40 mm	top	1007 767 026	AL-KO 1 367 026
AK 750/A		top	1007 767 021	AL-KO 1 367 021

AL-KO

QUALITY FOR LIFE

**Spare parts set
for friction linings**

Type AKS 3004
 Installation location front/rear
 ETI No. 811342

Order no.	Comparative no.
3363 005 485	AL-KO 1 220 757

**AL-KO**

QUALITY FOR LIFE

**Spare parts set
for friction linings**

Type AKS 2004, AKS 3004
 Installation location front/rear
 ETI No. 811280, 811359

Order no.	Comparative no.
6310 002 730	AL-KO 1 220 756

**AL-KO**

QUALITY FOR LIFE

Pressure spindle set

Type AKS 2000
 Installation side left/right
 ETI No. 811041

Order no.	Comparative no.
6310 002 735	AL-KO 1 220 758

**AL-KO**

QUALITY FOR LIFE

Pressure spindle set

Installation side left/right

Scope of supply
 friction linings incl. retaining rings

Type	ETI No.	Order no.	Comparative no.
AKS 1300	811120	6310 002 740	AL-KO 1 220 759
AKS 2000, 2004, 3004, 3504, 2700	811041, 811426, 811426, 811431, 811607	6310 002 725	AL-KO 1 220 755

**AL-KO**

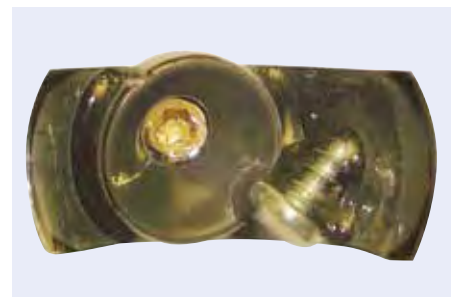
QUALITY FOR LIFE

Friction lining set

front and rear one mounting bolt each

Type AKS 3004, 3504
 ETI No. 811431, 811426, 811607

Order no.	Comparative no.
3359 691 418	AL-KO 691 418





Coupling ball

Drawbar load 120 kg
 Overall weight, perm. 2000 kg

Application range
 all-terrain vehicles, small vans

Fig.	Order no.	Comparative no.
1	1007 775 101	AL-KO 1 275 101
2	6310 000 305	AL-KO 1 202 305



Screw coupling

Type 50-35 CD4
 Overall weight, perm. 3500 kg
 Drawbar load 120 kg
 Thread K50
 Material steel
 Surface galvanised

Order no.	Comparative no.
3363 005 302	AL-KO 1 275 100



Protective clothing Soft-Dock, for ball coupling

with open position and prepared mounting notches on the casing, the soft and cushioning surface helps prevent scratches on the rear of the vehicle

suitable for Type AK 7 Plus
 Version new version

Order no.	Comparative no.
6310 003 552	AL-KO 693 552



Cover cap Soft Dock

can be retrofitted, guards against scratching, shin protection
 suitable for AL-KO coupling AK 7, AK 10/2, AK 252, AK 160, AK 300

Order no.	Comparative no.
6310 002 410	AL-KO 246 412





Anti-theft protection shackle lock Compact

suitable for AKS 160, AK 300, AK 350
Length 123 mm
Width 35 mm

Scope of supply
2 keys

Order no.	Comparative no.
6310 247 589	AL-KO 247 589



Closing cylinder for ball head coupling Profi V

Scope of supply
with Safety Ball, 2 keys

Order no.	Comparative no.
3363 005 590	AL-KO 1 222 692



Closing cylinder for tow ball couplings

suitable for OPTIMA AK 161, AK 270

Scope of supply
with Safety Ball, 2 keys

Order no.	Comparative no.
6310 000 411	AL-KO 1 730 411



Anti-theft protection cover hood, Safety Compact

suitable for AKS 2004, AKS 3004

Scope of supply
2 keys

Order no.	Comparative no.
6319 520 090	AL-KO 1 310 892





Anti-theft protection
Shackle lock safety universal compact

suitable for universal application, except AK 301, AK 351
 Version with cylinder lock
 Ø 35 mm

Scope of supply
 3 keys

Order no.
 6311 224 081

Comparative no.
 AL-KO 1 224 081



Support wheel PLUS

Pipe \varnothing 48 mm



This figure corresponds to 3363 005 843

Wheel size	Technical data	Version	Tyres	Surface	Order no.	Comparative no.
200 x 50 mm	Carrying capacity static max. 150 kg, dynamic max. 90 kg	on pressed steel rim	solid rubber	hot-galvanised	3363 005 619	AL-KO 1 222 436
200 x 50 mm	Carrying capacity static max. 150 kg, dynamic max. 90 kg	on plastic rim	Full rubber	galvanised	3363 005 843	AL-KO 1 224 351
200 x 50 mm	Carrying capacity static max. 300 kg, dynamic max. 180 kg	on pressed steel rim	solid rubber	hot-galvanised	3363 006 031	AL-KO 1 222 437
260 x 85 mm	Carrying capacity static max. 250 kg, dynamic max. 120 kg	on pressed steel rim	Pneumatic tyres	hot-galvanised	3363 006 114	AL-KO 1 222 438



Support wheel COMPACT

Tyres solid rubber
 Wheel size 200 x 50 mm
 Overall length 470 mm
 Pipe \varnothing 48 mm
 Stroke 220 mm
 Surface electrogalvanised

Carrying capacity static max. 150 kg, dynamic max. 90 kg

This figure corresponds to 3363 005 489

Version	Order no.	Comparative no.
on pressed steel rim	3363 005 489	AL-KO 1 222 434
on plastic rim	6310 002 433	AL-KO 1 222 433





Support wheel PROFI

Tyres full rubber
Pipe \varnothing 60 mm
Surface hot-galvanised



This figure corresponds to 6310 002 305

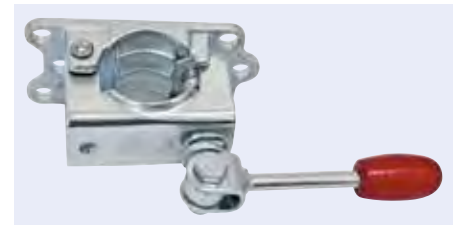
Wheel size	Load capacity	Version	Order no.	Comparative no.
200 x 50 mm	Carrying capacity static max. 500 kg, dynamic max. 300 kg	fixed, with thrust bearing	6310 002 305	AL-KO 243 888
200 x 50 mm	Carrying capacity static max. 500 kg, dynamic max. 300 kg	semi-automatic, on steel rim	6310 002 285	AL-KO 242 061
200 x 50 mm	Carrying capacity static max. 500 kg, dynamic max. 300 kg	automatic, with thrust bearing and steel rim	6310 002 015	AL-KO 1 212 382
200 x 50 mm	Carrying capacity static max. 500 kg, dynamic max. 300 kg	automatic, without flange, with thrust bearing and steel rim	1007 754 777	AL-KO 1 654 777
230 x 80 mm	Carrying capacity static max. 500 kg, dynamic max. 300 kg	with thrust bearing, long version	3363 006 594	AL-KO 1 223 638
260 x 65 mm	Carrying capacity static max. 800 kg	automatic, with thrust bearing	¹ 6310 002 070	AL-KO 1 366 155

¹ Pipe \varnothing 73,5 mm



Clamping collar for support wheel

Surface hot-galvanised



This figure corresponds to 6310 002 585

suitable for	Version	Technical data	Order no.	Comparative no.
tube \varnothing 48 mm	rigid handle	carrying capacity static max. 200 kg	6310 002 145	AL-KO 205 318
tube \varnothing 48 mm	folding handle	carrying capacity static max. 300 kg	6310 002 585	AL-KO 249 804
tube \varnothing 48 mm	90° swivelling	carrying capacity static max. 300 kg	6311 335 092	AL-KO 1 335 092
tube \varnothing 60 mm	folding handle	carrying capacity static max. 500 kg	6310 002 595	AL-KO 249 859

AL-KO

QUALITY FOR LIFE

**"T" bar
for support wheel**

∅ 48 mm
 Material plastic
 Colour red

Order no.

3363 005 124

Comparative no.

AL-KO 1 210 182

**AL-KO**

QUALITY FOR LIFE

**Bracket
for support wheel**

suitable for 161 S, 251 G, 251 S
 Version with variable flange
 Material steel
 Surface hot-galvanised

Application range

for central installation, for screwing

Order no.

6310 002 505

Comparative no.

AL-KO 249 127





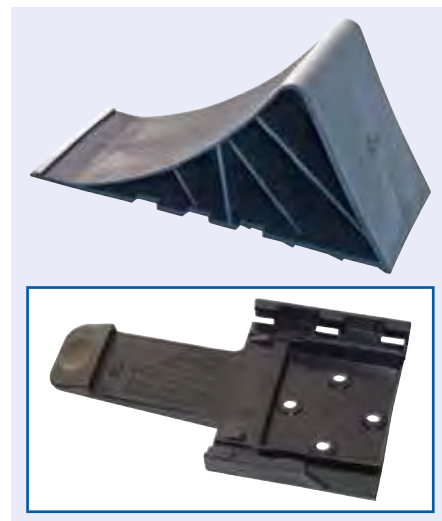
Chock
UK 10 K

Length x width x height 200 x 90 x 98 mm
 Radius 310 mm
 Standard DIN 76051
 Material Plastic
 Colour black
 Wheel load, max. 800 kg

Order no.	Comparative no.
3359 249 422	AL-KO 249 422

Accessories

Description	Order no.	Comparative no.
Sprag bracket, Type HA 10 K	3363 004 260	AL-KO 249 423



Chock
UK 36 ST

Length x width x height 320 x 120 x 150 mm
 Radius 360 mm
 Standard DIN 76051
 Material Steel
 Wheel load, max. 1600 kg

Order no.	Comparative no.
6310 002 345	AL-KO 244 373

Accessories

Description	Order no.	Comparative no.
Sprag bracket, for UK 36	6310 002 355	AL-KO 244 376



Chock
UK 36 KL

Length x width x height 320 x 120 x 150 mm
 Standard DIN 76051
 Material plastic
 Colour black
 Wheel load, max. 1600 kg

Order no.	Comparative no.
1007 735 990	AL-KO 1 235 990





Chock UK 46 K

Length x width x height	363 x 160 x 190 mm
Standard	DIN 76051
Material	plastic
Colour	black
Wheel load, max.	5000 kg

Version	Order no.	Comparative no.
with outside handle	6310 002 040	AL-KO 1 213 314
with integrated handle	1007 721 517	AL-KO 1 221 517



Chock UK 46 ST

Length x width x height	360 x 160 x 190 mm
Radius	460 mm
Standard	DIN 76051
Material	Steel
Wheel load, max.	5000 kg

Order no.	Comparative no.
6310 002 350	AL-KO 244 374

Accessories

Description	Order no.	Comparative no.
Sprag bracket, for UK 46	6310 002 360	AL-KO 244 377

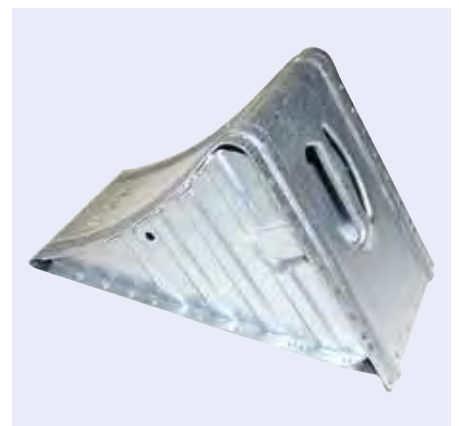


Chock UK 53 ST

Length x width x height	440 x 200 x 230 mm
Radius	530 mm
Standard	DIN 76051
Material	Metal
Wheel load, max.	6500 kg

Scope of supply with bracket

Order no.	Comparative no.
1007 744 375	AL-KO 244 375





Chock UK 53 K

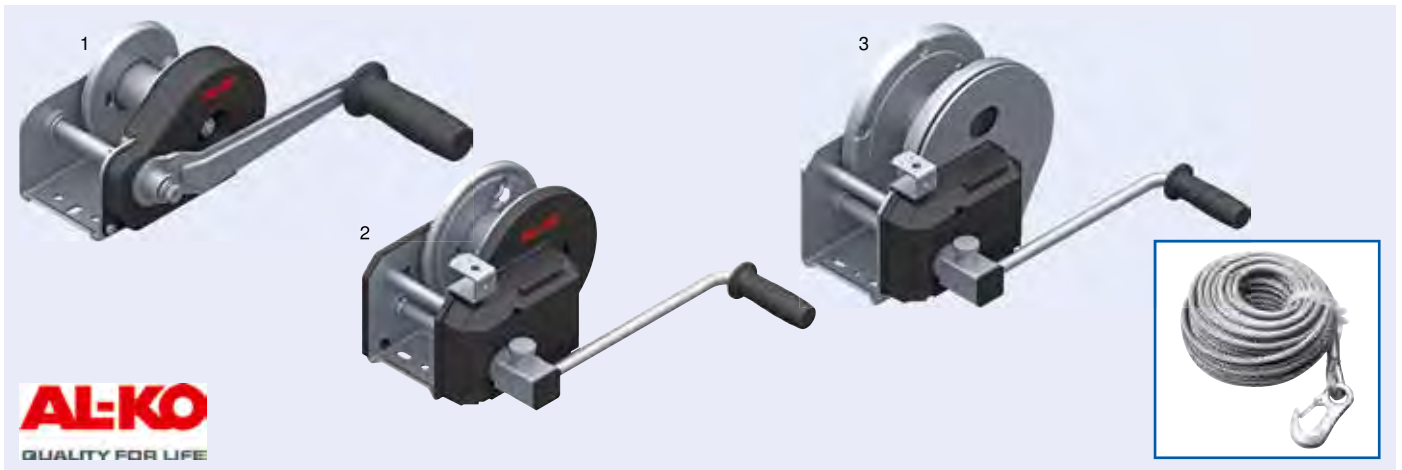
Length x width x height 440 x 200 x 230 mm
 Radius 530 mm
 Standard DIN 76051
 Material Plastic
 Colour black
 Wheel load, max. 6500 kg

Order no.	Comparative no.
3363 005 493	AL-KO 1 221 515

Accessories

Description	Order no.	Comparative no.
Sprag bracket, for UK 53	6310 002 365	AL-KO 244 378





Rope winch Plus

Version with load strain brake and automatic unwinding

Scope of supply
without cable

Type	Technical data	Fig.	Order no.	Comparative no.
OPTIMA 351 Plus A	Tensile load max. lowest rope length 350 kg, manual strength 200 N, minimum load 25 kg	1	1007 712 259	AL-KO 1 225 998
OPTIMA 901 Plus A	Tensile load max. lowest rope length 900 kg, manual strength 190 N, minimum load 25 kg	2	6311 730 014	AL-KO 1 730 014
OPTIMA 1201 Plus A	Tensile load max. lowest rope length 1150 kg, manual strength 200 N, minimum load 40 kg	3	6310 002 510	AL-KO 1 730 018

Accessories

Description	Order no.	Comparative no.
Drag rope for cable winch type 351, 10 m	1007 730 136	AL-KO 1730 136
Drag rope for cable winch type 501 A, 10 m	1007 730 138	AL-KO 1 730 138
Drag rope for cable winch type 900, 901, 901/A, 12,5 m	6310 002 620	AL-KO 1 730 140
Drag rope for cable winch type 1201 A, 25 m	1077 249 980	AL-KO 249 980



Rope winch BASIC 900 A

Version with load strain brake and automatic unwinding
Surface galvanised, yellow chromated

tensile load max. 200 kg, minimum load 25 kg, drum capacity: 17 m with cable \varnothing 7 mm, 7 m with band 50 mm width

Scope of supply
without cable

Order no.	Comparative no.
1007 722 530	AL-KO 1 225 301



Ramp

Type 70 A 25, GH 450
Length x width x height 2370 x 300 x 70 mm
Load capacity 1070 kg

Order no.	Comparative no.
6310 004 709	AL-KO 1 224 709





Wing

Basic

Material plastic
Colour black

Length	Width	Height	Fig.	Order no.	Comparative no.
730 mm	240 mm	335 mm	1	6310 004 775	AL-KO 245 822
770 mm	200 mm	335 mm	1	1007 712 571	AL-KO 1 257 131
1477 mm	220 mm	349 mm	2	6311 257 122	AL-KO 1 257 122
1477 mm	240 mm	345 mm	2	3363 006 090	AL-KO 1 257 123
730 mm	200 mm	335 mm	3	1007 757 130	AL-KO 1 257 130

¹ tandem cover



Toolbox

firmly mounted with lockable handle in the lid, manufactured to a very high standard, splash protected by a variety of fastenings to the board wall or front, but can also be installed below on the high platform trailer

Material Plastic
Colour black

Application range
Passenger car trailer

Scope of supply
2 keys, installation instructions, without mounting material

This figure corresponds to 6310 002 010



Version	Inner dimension	Outer dimension	Order no.	Comparative no.
lid hinged on the short side	445 x 145 x 220 mm	515 x 225 x 272 mm	6310 002 010	AL-KO 1 211 807
lid hinged on the long side	457 x 185 x 232 mm	515 x 227 x 277 mm	3363 004 324	AL-KO 1 224 324

Ratchet strap

Version with profile hook and push ratchet
 Width 35 mm
 Length 6000 mm
 Fixed end 300 mm
 Loose end 5700 mm
 Colour green
 Material polyester (PES)
 Standard EN 12195-2

permissible tensile force 1000 daN stretched, 2000 daN in the strapping

Scope of supply

2-piece

Order no.
9692 000 600



Ratchet strap

Version with push ratchet
 Width 35 mm
 Length 6000 mm
 Fixed end 6000 mm
 Colour red
 Material Polyester (PES)
 Standard EN 12195-2

permitted tensile force 1000 daN stretched, 2000 daN in the strapping.

Scope of supply

1-piece

(Illustration similar)

Order no.
9690 000 128



Ratchet strap

Version with flat hook, safety device and push ratchet
 Width 25 mm
 Fixed end 500 mm
 Colour blue
 Material polyester (PES)
 Standard EN 12195-2

permissible tensile force 500 daN stretched, 1000 daN in the strapping

Scope of supply

2-piece

Length	Loose end	Order no.
3500 mm	3000 mm	9692 511 340
5000 mm	4500 mm	9692 511 341



Ratchet strap

Version with clamping lock, light version
 Width 25 mm
 Length 3000 mm
 Fixed end 3000 mm
 Colour yellow
 Material polyester
 Standard EN 12195-2

permitted tensile force 350 daN in the strapping

Scope of supply

1-piece

Order no.
9534 878 100



Ratchet strap

Version with profile hook and mini push ratchet
 Width 25 mm
 Fixed end 500 mm
 Colour red
 Standard EN 12195-2

permitted tensile force 375 daN stretched, 750 daN in strapping.

Scope of supply
 2-piece

Length	Loose end	Order no.
4000 mm	3500 mm	9690 250 735
6000 mm	5500 mm	9690 250 734



Ratchet strap

Version with push ratchet
 Width 25 mm
 Length 6000 mm
 Loose end 6000 mm
 Colour blue
 Material Polyester (PES)
 Standard EN 12195-2

permitted tensile force 1000 daN in strapping

Scope of supply
 1-piece

Order no.
9696 251 000



Ratchet strap

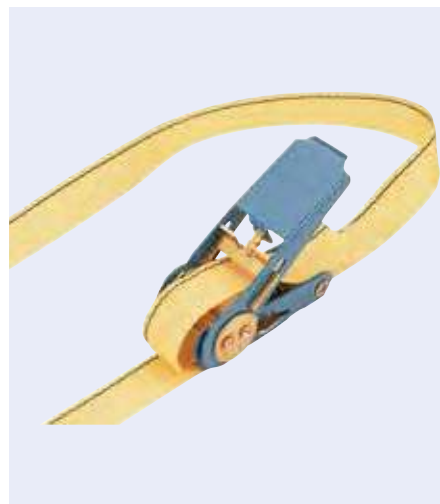
Version with mini push ratchet
 Width 25 mm
 Length 4000 mm
 Colour red
 Material polyester (PES)
 Standard EN 12195-2

permitted tensile force 400 daN in the strapping

Scope of supply
 1-piece, without hook

(Illustration similar)

Length	Fixed end	Order no.
4000 mm	4000 mm	9534 878 120
6000 mm	6000 mm	9534 878 121





Ratchet strap

Version with mini press ratchet, light design
 Width 25 mm
 Length 4500 mm
 Fixed end 4500 mm
 Colour red
 Material polyester
 Standard EN 12195-2

permitted tensile force 400 daN in the strapping

Scope of supply

1-piece

Order no.

9690 000 026



Ratchet strap

Version with fixing rail fittings and push ratchet
 Width 50 mm
 Colour black
 Material polyester (PES)
 Standard EN 12195-2

Scope of supply

2-piece

Description	Length	Fixed end	Loose end	Order no.
permitted tensile force 600 daN stretched, 1200 daN in the strapping	3600 mm	1200 mm	2400 mm	9690 079 016
permissible tensile force 750 daN stretched, 1500 daN in strapping	4200 mm	500 mm	3700 mm	9690 000 313



Ratchet strap for type 3009 fixing rail

Version with fixing rail fittings and push ratchet
 Width 45 mm
 Length 3500 mm
 Fixed end 1200 mm
 Loose end 2300 mm
 Colour grey
 Standard EN 12195-2

permissible tensile force 1000 daN stretched, 2000 daN in strapping

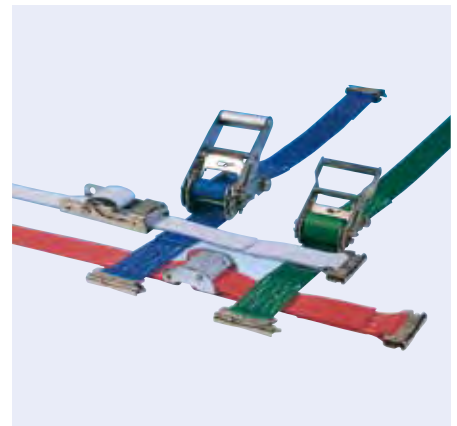
Scope of supply

2-piece

standard colour grey, can be supplied in other colours as required

Order no.

9690 182 636



Dolezych

Ratchet strap for airline fixing rails

Version with double stud fitting and push ratchet
 Width 35 mm
 Length 3,5 m
 Fixed end 300 mm
 Loose end 3200 mm
 Colour green
 Standard EN 12195-2

permissible tensile force 500 daN stretched, 1000 daN in strapping

Order no.

9693 521 120

Container cover net

a must for environmental protection

Version knotless
 Mesh width 35 mm
 Thread \varnothing 3 mm
 Colour green
 Material polyethylene

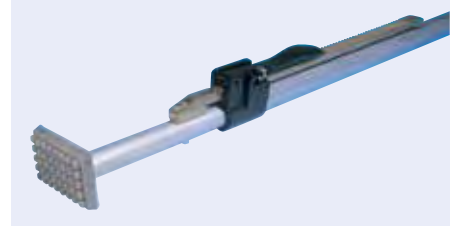
Length	Width	Order no.
2200 mm	1500 mm	9690 711 712
2700 mm	1500 mm	9690 711 713
3000 mm	2000 mm	9690 711 723



Clamping bar

Length range 1900-2270 mm
 Pipe \varnothing 42 mm

Order no.
9690 000 096



Dolezych

Load safety net

DoKEP®, for vans, flat beds, trailers

Band width 25 mm
 Colour orange
 Material polyester



Version	Tensile strength	Length	Width	Mesh width	Order no.
main netting	400 daN	2825 mm	1625 mm	175 mm	9696 002 011
main netting	400 daN	2950 mm	1650 mm	300 mm	9696 002 013
main netting	800 daN	2825 mm	1625 mm	175 mm	9696 002 019
main netting	800 daN	2950 mm	1650 mm	300 mm	9696 002 021
extension netting	400 daN	1975 mm	1650 mm	300 mm	9696 002 014
extension netting	400 daN	2025 mm	1625 mm	175 mm	9696 002 012
extension netting	800 daN	1975 mm	1650 mm	300 mm	9696 002 022
extension netting	800 daN	2025 mm	1625 mm	175 mm	9696 002 020

Dolezych

Load safety net

DoKEP®, for cars

Version	DoKEP 350 P webbing / cord combination
Length	1975 mm
Width	1000 mm
Band width	25 mm
Colour	orange
Mesh width	300 mm
Material	polyester
Tensile strength	350 daN

Order no.

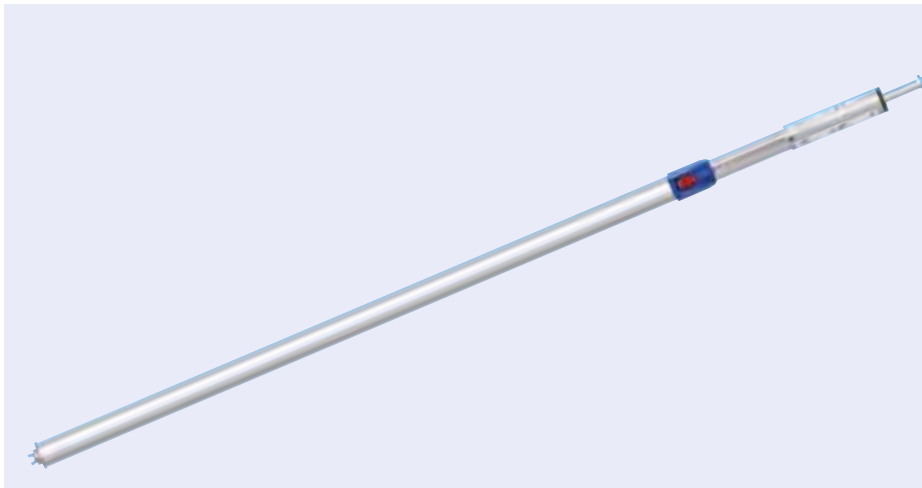
9616 002 010



Further sizes available on request!

9

Spare parts for car and van trailers



Ratch

KIM 44 Profi

Hole Ø	20 mm
Rod Ø	8 mm
Material	Aluminium

Application range

for light commercial vehicles

Load capacity	Length range	Order no.
160 daN	2000-2500 mm	9690 111 020
300 daN	1550-2050 mm	9690 111 010
300 daN	1550-2050 mm	9690 111 011

¹ with protective hose



Cable set for rear light

Version 2-pole
Voltage 12 V
Length 9000 mm

Application range
Passenger car trailer

Scope of supply
without connector

Order no.	Comparative no.
0998 228 021	HELLA 8KL 998 228-021



Cable set for rear light

Version Quick-Link
Number of poles 2
Form round

Application range
for passenger car trailer

Order no.	Comparative no.
0998 229 011	HELLA 8KA 998 229-011





Workshop requirements

Workshop equipment.....	886–895
Tools	896–918
Fastening technology.....	919
Occupational health and safety	920–929



Laser axle measuring system

TL10

Easy to use, attached to the measuring heads between the wheel bolts by a magnetic attachment on steel rims or with a special brace on aluminum rims. That means that the vehicle does not need to be lifted, it is also possible to use the tool without the wheels being fitted. The system can also be used on cars with the use of the additional accessories set. Because of the wide range of applications, the system provides a quick repayment of the initial cost

Application range

for trucks, buses, semi-trailers, trailers, vans, cars

Scope of supply

- 2 x measuring heads each with 1 pivoting battery diode laser
- 1 x set magnetic spacers, short
- 1 x set magnetic spacers, long
- 1 x clamping device for aluminium rims
- 2 x specially mounted rotating/sliding plates with brake
- 1 x track scale
- 2 x magnetic scales
- 1 x electronic inclination gauge with quick clamping device
- 1 x battery charger
- 1 x measurement log file
- 1 x sturdy, mobile storage cabinet with service stand

Order no.

9682 202 520

Accessories

Description	Order no.
Measuring scale (adjustable, folding scale for fixing on the kingpin of the semi-trailer or in the drawbar eye of the trailer)	9682 201 226
Radar adjustment jig	9682 202 522
Rotating plate, DP-PRO	9682 202 524
Rotating plate, DP-ECO	9682 202 525
Accessories set, Passenger cars	9682 202 527



Jack air-hydraulic

EUROPART own-brand car-jacks are manufactured from special materials which guarantee their functions, quality and breaking strength, even in the most extreme situations.

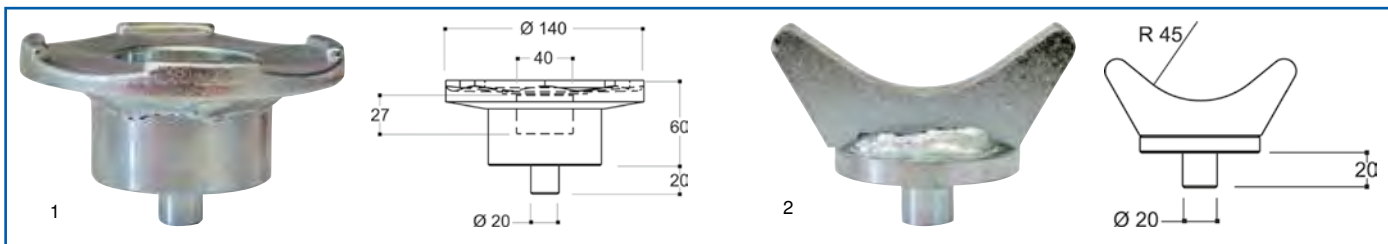
Pressure range 8-10 bar

Scope of supply

2 adapters, 70 mm and 120 mm

Model	Load capacity	Lifting height	Weight	Fig.		Order no.
EP 214 mobil	20/10 t	140-306 mm	15 kg	1	*	9539 650 200
EP 215 N	40/20 t	150-300 mm	39 kg	2		9539 650 201
EP 222 N	60/30 t	220-450 mm	71 kg	3		9539 650 202
EP 312	60/30/15 t	120-255 mm	50 kg	4		9539 650 203
EP 330 N	80/50/25 t	310-824 mm	103 kg	5		9539 650 204

* portable



Accessories

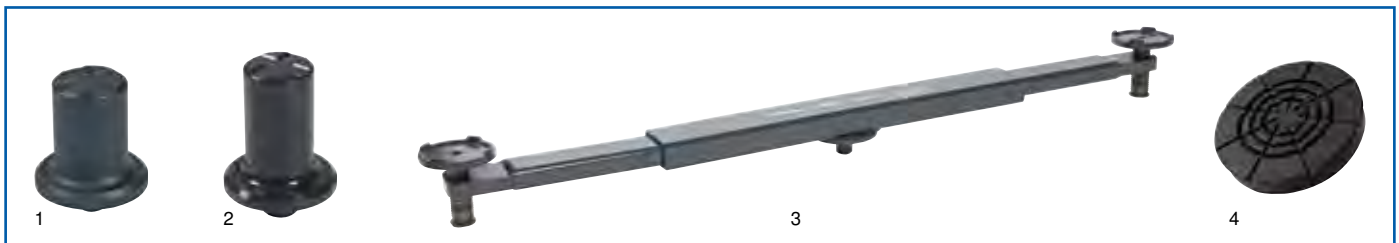
Description	Fig.	Order no.
Saddle, Load capacity 80 t	1	9539 650 205
V fifth wheel, Load capacity 80 t	2	9539 650 206



Trolley Jack hydraulic

sturdy frame structure with reinforcements for heavy-duty tasks, safe and precise control during lifting and lowering, the double movement of pull-and-turn during lowering provides extra safety against unintentional lowering, directly controlled trigger, compact design, ergonomically shaped handle

Model	Load capacity	Lifting height	Version	Weight	Fig.	Order no.
EP 13HLQ	1,3 t	80-735 mm	long stroke, quick-lift foot pedal	39 kg	1	9539 111 005
EP 20	2 t	80-495 mm		31 kg	2	9539 111 000
EP 20Q	2 t	80-495 mm	quick lift foot pedal	31 kg	3	9539 111 001
EP 20HLQ	2 t	80-795 mm	long stroke, quick-lift foot pedal	49 kg	4	9539 111 006
EP 40Q	4 t	140-600 mm	quick lift foot pedal	95 kg	5	9539 111 002
EP 50HLQ	5 t	150-975 mm	long stroke, quick-lift foot pedal	170 kg	6	9539 111 007
EP 60Q	6 t	140-600 mm	quick lift foot pedal	96 kg	7	9539 111 003
EP 100Q	10 t	150-585 mm	quick lift foot pedal	118 kg	8	9539 111 004



Accessories

Description	suitable for	Fig.	Order no.
Retrofit set Pneumatic wheels	Trolley Jack EP 40Q, EP50HLQ, EP 60Q, EP 100Q		9539 360 550
Extension 100 mm	mobile jack EP 20, EP 20Q, EP 13HLQ, EP 20HLQ	1	9539 360 551
Extension 125 mm	mobile jack EP 40Q, EP 60Q, EP 100Q, EP 120Q, EP 50HLQ	2	9539 360 552
Axle traverse Load capacity 1 t	mobile jack EP 20, EP 20Q, EP 13HLQ, EP 20HLQ	3	9539 360 553
Rubber coating	Trolley Jack EP 20, EP 20Q, EP 13HLQ, EP 20HLQ	4	5322 520 152



Lighting test device

This tester allows 12V electric/trailer lighting to be tested easily and quickly without having to connect a traction vehicle. Cable faults and faulty bulbs are localised easily. In addition, a battery starter device function is integrated, which can be used to start up diesel vehicles with an engine displacement of up to 3 litres.

The trailer is connected to the ASTT 12/800 either directly or using the cable or adapter provided. After the main switch has been activated, the individual functions of both 7-pole and 13-pole assignments can be checked. Fault-free function is indicated by LEDs.

- maximum cold-start performance thanks to extremely deep-cycle resistant AGM battery (replaceable)
- service life with max. 50 % start discharge: **1000 cycles**
- integrated voltmeter which displays the battery charge state and the correct functioning of the charging equipment and the alternator
- built-in socket
- high-quality inner-bridged charging clamps with very wide opening angle
- break-proof polyethylene housing
- charging is through an electronic battery charger with trickle charge or using the cable provided via the alternator at the vehicle's cigarette lighter

Scope of supply

Battery starter with test control panel, 12 V charging cable, short adapter (13 to 7), 7-pole spiral extension cable 3.5 m long, charger

Order no.

9539 640 181



Air-conditioning service unit

AR700-R404

suitable for refrigeration and air conditioning system service with systems using for instance R404, fully automatic servicing unit: Extraction, old-oil drainage, nitrogen pressurising, vacuuming, vacuum pressure test, oil-UV filling, filling of refrigerant, introduction of each refrigerant meeting safety standards, each service stored in database, internal Windows computer

- Pressurising test (extraction, pressurising, fully automatic filling of oil-UV-refrigerant one after the other) (10 l nitrogen/forming gas bottle fits into the device)
- integral flushing device with cleaner (special flushing agent on air conditioning-oil basis), nitrogen pulsation and then flushing with refrigerant, air conditioning and flushing device all in one
- powerful dry running 1 PS compressor, can extract liquids and gases
- refrigerant tank, 40 l
- 10" touchscreen monitor
- WLAN mini PC, Windows

Recycling tank 40 l, 30 kg, TÜV-tested

Electronic scales with 100 kg weighing capacity

Filter capacity 60 ml water

Order no.

9682 220 640

Transport refrigeration

Conventional air conditioning systems are termed as transport refrigerators, with which the temperature in the refrigerated van body is controlled. The desired temperature is achieved using the appropriate refrigerant such as R404A, R407C or R410A.

Because the properties of the refrigerants differ, they must be stored and processed separately as single origin substances. Special equipment and a separate recycling tank is needed for each refrigerant. As soon as operating is carried out with different refrigerants, we recommend a combined suction, fill and vacuum station in order to prevent the mixing of different gases.

Some transport refrigerating systems have solenoid valves that must be activated for service using a magnetic key. The service connections are usually SAE 1/4". On the connections there is usually a shut-off cock which requires a ratchet key to open it.

EUROPART
GOOD TO KNOW



Assembly creeper

sturdy construction, ergonomically shaped, storage trays on both sides for small parts, 6 oil-resistant and smooth-running 3" rollers, soft padded head support

Type	WK 3040
Load, max.	130 kg
Weight	6 kg
Colour	red

Order no.

3566 088 500



Assembly creeper

long, fatigue-free work thanks to ergonomic design

Type	WK 3050
Load, max.	135 kg
Length x width x height	1160 x 640 x 165 mm
Wheel Ø	130 mm
Wheel width	26 mm

Order no.

9100 006 031



KÄRCHER

Hot water high-pressure cleaner

HDS 12/18-4 S

2 jet pipe operation possible, 2 cleaning fluid tanks (10 and 20 l), cost-effective eco-efficiency level, soft damping system (SDS) compensates for oscillations and pressure spikes in the high-pressure system, 4 pole electric motor with 3 piston axial pump, spacious storage compartment

Connected rating	8,4 kW
Working pressure	30-180 bar
Rate of delivery	600–1200 l/h
Length	1330 mm
Width	750 mm
Height	1060 mm

Power supply: 3 phase 400 V 50 Hz
Consumption: fuel oil or gas, at full power 7.7 kg/h
Cleaning agent tank contents 10 / 20 l

Scope of supply

- Easy Force advanced trigger gun
- High-pressure hose, 10 m
- Spray lance, 1050 mm
- Power nozzle
- Servo Control
- Three piston axial pump, with ceramic pistons
- Pressure switch control
- Pole reversing plug
- Dry running protection

Order no.

9562 012 184



10

Workshop requirements

KÄRCHER

Cold water high-pressure cleaner

HD10/23-4S

Cold water high-pressure cleaner in upright design, 4-pole water cooled electric motor, robust brass cylinder head and ceramic pistons, hose storage for 20 meter high-pressure hose mounted on both sides, hose guide passes hose through under the device – high stability, integrated electronics for monitoring the device, cut-off when at over or under voltage, large rubber tyred wheels for rough terrain, stairs or steps, tried and tested hand truck principle for easy and ergonomic handling

Connected rating	7,8 kW
Working pressure	230 bar
Width	500 mm
Rate of delivery	1000 l/h
Height	1090 mm
Length	560 mm

Power supply: 3 phase 400 V 50 Hz
Tank contents: cleaning agent tank 6 l

Scope of supply

- Easy Press trigger gun
- Trigger gun with soft grip
- High-pressure hose, 10 m
- Spray lance, 1050 mm
- Power nozzle
- Anti-twist system (AVS)

Order no.

9501 286 309



KÄRCHER

Wet/dry vacuum cleaner

NT 35/1 Ap

semi-automatic ApClean filter cleaning for optimum suction power, flexible cable storage: careful and safe storage of the cable between two hooks, practical storage in-between use on a hook for rapid transport

Air quantity	4440 l/min
Power	1380 W
Sound pressure level	70 dB(A)
Container volume	35 l
Voltage	220–240 V
Length	510 mm
Width	370 mm
Height	575 mm
Cable length	7,5 m

Scope of supply

- suction hose, 2,5 m
- suction tube, metal 2 x 0,5 m
- filter bag, fleece
- wet/dry floor nozzle, 300 mm
- joint nozzle
- flat fold filter, paper

Order no.

9521 845 050



KÄRCHER

Sweeper/vacuum machine

KM 75/40 W G

hand-guided, with reliable, powerful Honda 4-stroke petrol engine, high user-friendliness due to EASY operation concept and mobile sweepings container with trolley handle, efficient filter system with mechanical filter cleaning, tool-free change of filter and sweeping cylinder for flexible location-independent maintenance, high degree of manoeuvrability due to compact dimensions and traction drive

Driving power	3,3 kW
Area output, max.	3375 (MKH)
Working width	550 mm
Filter area	1,8 m ²
Length	1430 mm
Width	780 mm
Height	1180 mm

Working width with 1 side brush 750 mm

Sweepings container 40 l

Climbing power 15 %

Working speed 4,5 km/h

Application range

ideal for the thorough and dust-free cleaning of outdoor areas from 400 m²

Order no.

9501 049 205





LED work lamp

powerful COB lamp with the latest LED technology, for professional use, strong casing of cast aluminium, slim and elegant design, unbreakable and shockproof, 5-level dimmer function, with integrated carrying handle, low current consumption, minimal warming, long service life of the light source, swivelling, support base can be pivoted, approved for use outdoors

Voltage 230 AC V
Cable length 5 m
Protection class IP67

Model	Version	Lighting power	Power	Fig.	Order no.
NOVA 3K	mains operated	300-3000 lm	26 W	1	9539 640 490
NOVA 3K C+R	battery and mains operated	300-3000 lm	26 W	2	9539 640 491
NOVA 5K	mains operated	500-5000 lm	42 W	3	9539 640 492
NOVA 5K C+R	battery and mains operated	500-5000 lm	42 W	4	9539 640 493
NOVA 10K	mains operated	1000-10000 lm	84 W	5	9539 640 494

Accessories

Description	Order no.
Motor vehicle charging cable, suitable for C+R versions	9539 640 498
Tripod, Height 1,35-3 m	9539 640 495
Tripod, mobile, 0,7-1,8 m	9539 640 496
Double bracket for the positioning of two lamps on a stand	9539 640 497



LED work lamp

diffused anti-glare and comfortable working light, uniform light intensity, wide light scattering, adjustable foot made of powder-coated steel allows direct mounting on a stand, LED diodes produce no heat and therefore no fire hazard, sturdy impact-resistant plastic casing

Voltage 230 AC V
Cable length 5 m
Protection class IP54



Model	Version	Lighting power	Power	Scope of supply	Order no.
VEGA 1500 C+R	83 LEDs, battery and mains operation	750/1500 lm	9/18 W	Li-ion (11,1 V/2600 mAh)	9539 640 485
VEGA 2600	83 LEDs, mains operation	2600 lm	32 W		9539 640 486
VEGA 4000	123 LEDs, 2 Euro-style grounded mains sockets, mains operation	4000 lm	48 W	2 x Euro-style grounded mains sockets	9539 640 487

Accessories

Description	Order no.
Motor vehicle charging cable, suitable for C+R versions	9539 640 498
Tripod, Height 1,35-3 m	9539 640 495
Tripod, mobile, 0,7-1,8 m	9539 640 496
Double bracket for the positioning of two lamps on a stand	9539 640 497



Pallet truck

- professional pallet truck in solid, tough quality for heavy daily use
- robust fully-hydraulic lift and lower mechanism
- frame and fork in very solid and torsionally rigid shell construction
- ergonomically shaped drawbar, all 3 functions can be operated single-handed using the lever (lift, lower, neutral position)
- easy to move even with heavy loads, thanks to the very silent steering rollers with fully rubber-coated running surfaces and the tandem fork rollers made of polyurethane

Load capacity	2500 kg	Lifting height	115 mm
Fork length	1150 mm	Turn radius	1367 mm
Fork width	150 mm	Dimensions	1550 x 525 x 1160 mm
Fork height	85-200 mm	Weight	63 kg
Fork roller	∅ 82 x 60 mm		

Order no.

9539 443 275



Aluminium stepladder

ribbed rungs, strong rung-stringer connections, anti-slip nivello® ladder feet and ergo-pad® gripping area with clamping mechanism, optimised ladder joint with larger contact surface, 6-fold riveting and greater material thickness, "safe-cap" made from sturdy plastic offers protection for loading and storing the ladder, high standing stability due to conical design, 7 rungs or more have anti-spread security with two high-strength Perlon straps

Step depth	80 mm
Distance between steps	235 mm
Angle of tilt	20°

Number of rungs incl. safety bridge



Steps	Working height	Overall height	Platform height	Bottom outer width	Order no.
3 pieces	2750 mm	1370 mm	700 mm	470 mm	9150 460 340
4 pieces	3000 mm	1600 mm	930 mm	500 mm	9150 460 341
5 pieces	3250 mm	1830 mm	1170 mm	530 mm	9539 540 105
6 pieces	3500 mm	2070 mm	1400 mm	550 mm	9539 040 106
7 pieces	3750 mm	2310 mm	1640 mm	590 mm	9150 040 107
8 pieces	4000 mm	2540 mm	1870 mm	620 mm	9150 040 108



Grease system mobile

Compressed air connection: Plug-in nipple for Rectus clutch, type 26, nominal width 7.2 mm
grease connection: Mouthpiece for conical grease nipple, DIN 71412

Version	∅	Order no.
for 25 kg container	310-335 mm	9811 842 500
for 50 kg container	335-385 mm	9810 100 547





Hot-air gun

HG 2120 E

electronically regulated, infinitely variable temperature setting using a rotary knob, temperature display at the rotary knob in 9 setting levels, integrated thermal fuse prevents overheating, air volume regulation in 3 setting levels (150 l/min. 150-300 l/min. 300-500 l/min.), optimised centre of gravity and ergonomic handle with soft liner enables effort free work, anti-slip standing surface and hanging option, brush motor has a service life of approximately 750 hours

Power	2200 W
Air quantity	150-500 l/min
Voltage	220-230 V
Temperature range	80-630 °C
Cable length	2,2 m
Protection class	II
Dimensions	253 x 86.5 x 200 mm

Application range

Tarpaulin, foil and plastic crack welding, car wrapping, loosening of metal screws, cable bundling, leather smoothing

Scope of supply	Order no.
hot air blower, single, in folding box	9500 002 120
hot air blower, reflector nozzle, wide jet nozzle 50 mm, reducing nozzle 9 mm, shrink tubing, in case	9500 006 464



Accessories set for hot air blower

Scope of supply

- wide jet nozzle 75 mm
 - blasting nozzle, 75 mm
 - reducing nozzle 14 mm
 - reducing nozzle 9 mm
 - wide slot nozzle
 - welding nozzle
 - reflector nozzle
 - spatula
 - scraper handle
 - 3 replacement blades
- in case



Version	Order no.
12-piece	9500 075 569



Hot-air gun

HG 2320 E

electronically regulated, infinitely variable digital temperature setting via a joystick, including a heat build-up warning function and residual heat display, LCD display with temperature display in 10 °C steps, integrated thermal fuse prevents overheating, air volume regulation with 2 setting levels, optimised device centre of gravity and ergonomic handle with soft lining permits effortless work, anti-slip standing surface and hanging option, all settings on the device can be locked using the LOC function to ensure a safe working process, brush motor has a service life of approximately 1,000 hours.

Power	2300 W
Air quantity	150-500 l/min
Voltage	220-230 V
Temperature range	80-650 °C
Cable length	3 m
Protection class	II
Dimensions	253 x 86.5 x 200 mm

Application range

Tarpaulin, foil and plastic crack welding, car wrapping, loosening of metal screws, cable bundling, leather smoothing

Scope of supply	Order no.
hot air blower, single, in folding box	9534 007 386
hot air blower, reflector nozzle, wide jet nozzle 50 mm, reducing nozzle 9 mm, shrink tubing, in case	9500 002 320

Accessories

Description	Order no.
Wide slot nozzle, 40 mm, attachable to 14 mm restrictor	9500 154 108
Reducing nozzle, \varnothing 14 mm	9500 154 109



Pressure roller with wooden handle

Version with ball bearing, on one side

Application range

for pressing edge bands, PVC welding foil, etc.

Material	Width	\varnothing	Fig.	Order no.
Rubber	50 mm	40 mm	1	9500 093 211
Silicone	40 mm	35 mm	2	9500 006 785





Angle grinder

WQ 1000

sturdy Marathon motor, die-cast aluminium gear housing, S-automatic safety engagement, spindle lock, "M-Quick" tool change, tool-less adjustment of the protective hood, switch-off carbon brushes, armature protection grille

Power consumption	1010 W
Torque	3 Nm
Idling speed	10000 min ⁻¹
Sanding disc-∅	125 mm
Weight	1,8 kg

Scope of supply

protective hood, support flange, M-Quick clamping nut, additional handle

Order no.

9534 510 095



Electronic angle grinder

WEV 10-125 Quick

compact angle grinder with speed control, Marathon motor with up to 50 % more torque and up to 20 % higher overload capacity, Vario-Constamatic (VC) full wave electronics with adjusting wheel: M-quick system for tool-free disk changing, tool-free adjustable guard, Metabo S-automatic safety clutch: direct mechanical decoupling if the disc jams, electronic overload protection, electronic soft start, restart protection prevents accidental starting after power interruption, gear housing can be installed at 90° steps, can be mounted for left-handed operation, auto-stop carbon brushes

Power consumption	1000 W
Torque	2,7 Nm
Idling speed	2800-10500 min ⁻¹
Sanding disc-∅	125 mm
Weight	2,1 kg

Scope of supply

protective hood, support flange, M-Quick clamping nut, additional handle

Order no.

9560 038 800



Angle grinder

WE 22-230 MVT

Marathon motor, Metabo VibraTech (MVT), electronic safety cutout of the motor if the disc jams, electronic overload protection, restart protection and starting current limitation, tool-free adjustable protective hood and rotatable main hand grip

Power consumption	2200 W
Torque	14 Nm
Idling speed	6600 min ⁻¹
Sanding disc-∅	230 mm
Weight	5,8 kg

Scope of supply

protective hood, support flange, two-hole nut, Metabo VibraTech (MVT) additional handle, two-hole key

Order no.

9500 606 464





Cutting disc

Application range Stainless steel
Bore hole \varnothing 22 mm

Application range
Stainless steel

\varnothing	Thickness	Order no.
115 mm	1,0 mm	9666 100 009
125 mm	1,0 mm	9666 100 010
115 mm	1,6 mm	9666 100 011
125 mm	1,6 mm	9666 100 012
180 mm	1,6 mm	9666 100 013
230 mm	1,9 mm	9666 100 014



Cutting disc

for free-handed cutting

Version medium-hard binding
Hole circle 22 mm
Bore hole \varnothing 22 mm

Application range
metal

\varnothing	Thickness	Order no.
125 mm	2,5 mm	9666 100 002
180 mm	3,0 mm	9666 100 003
230 mm	3,0 mm	9666 100 004



10

Workshop requirements



Cutting disc A 60 TZ Special

for free-handed cutting, extremely good cut, strength-saving, low material consumption, little burr formation

Version hard bond, filler material free of substances containing iron, sulphur and chlorine
Form straight
Bore hole \varnothing 22,23 mm
Thickness 1 mm

Application range
thin metal sheets, thin-walled profiles and pipes made of steel, stainless steel and non-ferrous metals

\varnothing	Order no.
115 mm	9517 000 233
125 mm	9500 202 401





Cutting disc

high-performance cutting wheel, extremely good cutting capacity over time, low material consumption thanks to very thin cutting width, low-vibration, minimum dust development, low material heating, burr-free cut

Version hard bond
 Form straight
 Bore hole \varnothing 22,23 mm

Application range
 Special disc for thin sheets, profiles and tubes of steel and stainless steel

\varnothing	Thickness	Order no.
115 mm	1,6 mm	9534 841 306
125 mm	1,6 mm	9534 841 308
230 mm	1,9 mm	9500 218 017



Cutting disc

A 24 Extra

good service life, aggressive

Version medium-hard bond
 Bore hole \varnothing 22,23 mm

Application range
 Universal disc for working metal

Form	\varnothing	Thickness	Order no.
offset	125 mm	2,5 mm	9534 841 301
straight	230 mm	3 mm	9534 841 303



10 Workshop requirements



Grinding disc

Version medium-hard binding
 \varnothing 125 mm
 Bore hole \varnothing 22 mm
 Thickness 6 mm

Application range
 metal

Order no.
9666 100 016



Grinding disc

A 24 Extra

for universal use

Version medium-hard bond
 Form offset
 \varnothing 125 mm
 Thickness 6 mm
 Bore hole \varnothing 22,23 mm

Application range
 metalworking

Order no.
9534 841 321





Sanding mop disc

aggressive cutting performance with high comfort sanding, best removal capacity when used on high-performance angle grinders

Material zirconium aluminium oxide
 Form curved form
 Ø 125 mm
 Bore hole Ø 22.23 mm

Grit	Order no.
40	9534 322 772
60	9534 322 774
80	9534 322 775



Eccentric sander

SXE 425 TurboTec

Variospeed (V) electronics, setting wheel for pre-selection of the speed, TurboBoost switch enables connection of additional power reserves, no ghost lines when setting the machine down running onto the material (Power Control System), aluminium die cast bearing housing, support disc with Velcro fastening, internal dust extraction with Intec filter system, external extraction possible

Power consumption 320 W
 Idling speed 4200-11000 min⁻¹
 Oscillating circuit 5 mm
 Supporting disc-Ø 125 mm
 Weight 2,3 kg

Application range

can be used for sanding flat and arched surfaces, wood, plastics, NF metals, steel plate

Scope of supply

hexagon spanner, removable additional handle, dust collecting box, 1 pleated filter

Order no.

9516 160 004



Vulcanized fibre washer

CS 561

vulcanised fibre base, full synthetic resin binding, long service life

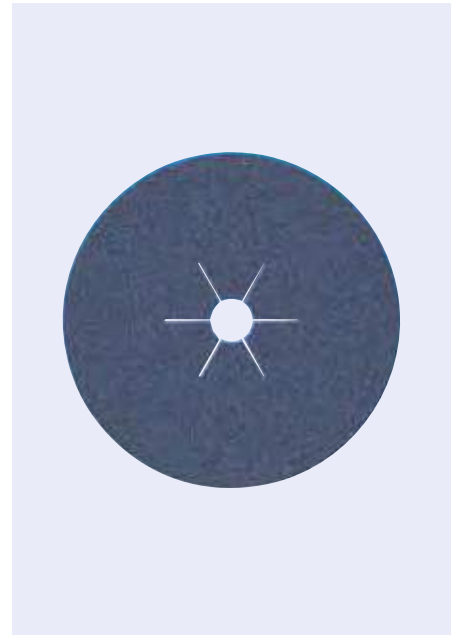
Sanding agents Korund
Bore hole \varnothing 22,23 mm

Application range
wood and metal work

\varnothing	Grit		Order no.
115 mm	40	1	9534 841 635
115 mm	60	1	9534 841 633
115 mm	80	1	9534 841 632
125 mm	40	2	9534 841 643
125 mm	60	2	9534 841 641
125 mm	80	2	9534 841 640

¹ for use with base plate 9534 841 683

² for use with base plate 9534 841 684



Sanding sheet

PS 22 K

for use on orbital sanders, artificial resin bonded sandpaper with semi-open aluminium oxide scatter, velour backed, long service life, good removal capacity, sturdy base material

Version perforated (for dust extraction)
Sanding agents aluminium oxide
 \varnothing 150 mm

Application range
wood and metal

Grit	Order no.
40	9534 089 181
60	9534 841 726
80	9534 841 728
100	9534 841 730
120	9534 841 732
180	2300 043 304
240	1907 001 438





Electronic oscillating jigsaw

STEB 70 Quick

Quick saw blade quick-change system, blow feature can be activated for a free view of the cutting spot, variespeed (V) electronics for infinitely variable speed changing, setting wheel for pre-selection of the stroke rate, adjustable oscillating stroke, external extraction possible

Power consumption	570 W
Torque	6 Nm
Idling stroke rate	900-3300 min ⁻¹
Weight	2 kg

greatest material density steel plate 6 mm, wood 70 mm, NF metals 20 mm

Scope of supply

protective glass, splintering protection, hexagon spanner, in plastic case

Order no.

9516 164 050



Cordless drill screwdriver

BS 14.4

light and compact drill driver with extremely short construction for a wide range of applications, built-in working lamp to light up the workplace, with practical belt hook, can be fixed to the right or left without needing tools, battery packs with capacity display for checking the state of charge, Ultra-M technology for high power, gentle charging, optimum use of energy and long service life

Voltage	14,4 V
Capacity	2 Ah
Idling speed	0-400/0-1500 min ⁻¹
Chuck clamping width	1-10 mm
Weight	1,2 kg

Max. torque soft 20 Nm, hard 40 Nm

Drilling diameter in steel 10 mm, in softwood 20 mm

Scope of supply

Quick-action chuck, belt hook, 2 Li-power battery packs (14,4 V / 2.0 Ah), SC 60 Plus charger, in plastic case

3 year battery pack warranty due to Ultra-M technology

Order no.

9500 602 206





Cordless drill screwdriver

BS 14.4 LT Compact

extremely capable due to powerful Metabo 4-pole motor for rapid drilling and screwing, spindle with inner hexagon for driver bits for working without the chuck, built-in working light to illuminate the work place, with practical belt hook and bit holder, can be secured on the left or right, battery packs with capacity display for checking the state of charge, Ultra-M technology for the highest power, gentle charging, optimum energy efficiency and long service life

Voltage	14,4 V
Capacity	2,0 Ah
Torque, max.	50 Nm
Idling speed	0-400/0-1450 min ⁻¹
Chuck clamping width	1,5-13 mm
Weight	1,5 kg

Drilling diameter in steel 13 mm, in wood 35 mm

Scope of supply

Quick-action chuck, belt hook and bit storage, 2 Li-power battery packs (14.4V /2,0 Ah), charger ASC 30-36 V "AIR COOLED", in plastic case

3 year battery pack warranty due to Ultra-M technology

Order no.

9560 210 051



Hammer drill

SBE 650

Vario (V) electronics for working at a speed suited to the material, thumbwheel for preselection of speed, clockwise/anti-clockwise rotation, spindle with hexagon socket for screwdriver bits for working without chuck

Power consumption	650 W
Torque, max.	9 Nm
Idling speed	0-2800 min ⁻¹
Impact number	44800 min ⁻¹
Chuck clamping width	1,5-13 mm
Drilling spindle thread	1/2"-20 UNF
Collar-∅	43 mm
Weight	1,8 kg

drilling diameter in concrete 16 mm, in steel 13 mm, in soft wood 30 mm

Scope of supply

Quick-action Futuro Plus chuck, additional handle, drilling depth stop, in plastic case

Order no.

9501 671 510



Mounting lever for steel wheels, offset

solid forged, chrome-plated, profiled design, with protective surfaces

Length 610 mm

Order no.

9240 071 989





Socket wrench set

with forged, heat-treated bits

Drive 3/4"
Material chrome-vanadium steel
Surface chrome-plated

Scope of supply

- 1 reversible ratchet
 - 1 each of hexagon socket, widths across flats 22/24/27/30/32/36/38/41/46/50 mm
 - 1 cross handle
 - 1 each of extension 200/400 mm
- in sheet steel case

Version	Order no.
14-piece	9240 071 695



Socket wrench set

with forged, heat-treated bits

Drive 1"
Material Chrome vanadium steel
Surface chrome-plated

Scope of supply

- 1 changeover ratchet head, 184 mm
 - 1 each of double hexagon sockets, with unit drive profile, width across flats 36/41/46/50/55/60/65/70/75/80 mm
 - 1 each of extension 200/400 mm
 - 1 handle, 700 mm
 - square head, 80 mm
- in sheet steel case

Version	Order no.
15-piece	9240 071 100



Socket wrench set

with forged, heat-treated sockets, with actuation tools made of vanadium-steel 31CrV3

Drive 1/4"

Scope of supply

- 1 reversible ratchet, 127 mm, return angle 9°
 - 1 extension, 97 mm
 - 1 multi-handle
 - bit holder, outer hex to inner hex 1/4"-1/4"
 - bit adapter, inner hex to inner hex 1/4"-1/4"
 - 1 each of sockets with unit drive profile, width across flats 4/4,5/5,5/6/7/8/9/10/11/13 mm
 - 1 each of bit for slotted head screws, 4/5,5/6,5 mm
 - 1 each of bits for hexagon socket screws, 3/4/5/6 mm
 - 1 each of bits for internal serration screws, M5/M6/M8
 - 1 each of bit for inner TORX® screws, T10/T15/T20/T25/T27/T30/T40
 - 1 each of bits for Phillips screws, PH1/PH2
 - 1 each of bits for Pozidrive screws, PZ1/PZ2/PZ3
- in plastic carrying case

Version	Order no.
37-piece	9632 145 599





Wheel hub puller

protects the wheel studs with the rotatable and therefore always flat lying nut pockets for \varnothing 22 mm und matching reducing adapters \varnothing 14 and 18 mm

Version eight armed
Thread G 1 x 310
Spanner size 36 mm

Application range

for wheel hubs with a pitch circle diameter of 150 to 350 mm

This puller can also be used with the Gedore 1.50 hydraulic tool without reducing bushes. Can be retrofitted with Gedore 1.06/HSP3 hydraulic spindle.

Order no.
9240 802 603



Torque wrench

adjustable torque wrench with 3/4" single square for controlled clockwise tightening, 3/4" drive square with locking pin DIN 3120-B 20, ISO 1174, can be traced back to national standards, automatic short-path triggering with touch and sound signals, triggering accuracy: +/- 3 % tolerance of the set scale value, all-metal construction of high-strength aluminium alloy

Version with extension tube, stepless adjustment
Length 800-1400 mm
Lever length 1100-1400 mm
Scale division 10 Nm/10 lbf-ft
Standard DIN EN ISO 6789

On request, the wrench can also be supplied with locking and a safety device. Please state the Nm value when ordering if a factory-provided fixed setting is required (price on request).

Model	Working range	Fig.	Order no.
DREMOMETER DR	140-760 Nm	1	9240 074 951
DREMOMETER DX	520-1000 Nm	2	9240 074 746



Torque wrench TORCOFLEX

adjustable, triggering and robust tubular torque wrench with built-in reversible ratchet lever and square drive, calibrated to a permitted deviation of +/- 3 % and better, back out system with a distinct release signal that can be felt and heard as soon as the set torque has been reached, for controlled clockwise tightening

Drive 3/4"
Torque 110-550 Nm
Length 998 mm

Order no.
9502 300 059



10 Workshop requirements



Torque multiplier DREMOPLUS ALU

mechanical hand-operated torque multiplier for controlled bolt tightening and for the release of threaded fittings, with one-stage planetary gear, casing made of heavy-duty aluminium, guaranteed accuracy: better than +/- 3 % tolerance, to be operated together with a torque wrench, output square drive with bore for power screwdriver bits with security pin and ring

Scope of supply

incl. factory test certificate and settings table, in sturdy carrying case with foam insert

Torque, max.	Version	Fig.	Order no.
1300 Nm	with offset Z-shaped reaction arm made of chrome-vanadium steel	1	9502 300 069
2800 Nm	with offset Z-shaped reaction arm made of chrome-vanadium steel	2	9502 300 070
2800 Nm	with straight L-shaped reaction arm, with adjustable reaction square, made of aluminium alloy	3	9502 300 071



Wire rope shears

easy-change cutting plates of powder metallurgical high-speed steel (HSS), extremely high durability compared to traditional wire rope cutters, extremely soft shearing cut reliably prevents the wire rope from fanning out, specially arched cutting edges, low force needed due to the optimum cutting-edge geometry, two integrated press profiles for Bowden cable terminal sleeves and cable end sleeves

Length 200 mm

cutting performance: Wire ropes up to 1800 N/mm² with max. 6 mm Ø, wire up to 750 N/mm² with max. 4 mm Ø, single- and multi-core copper and aluminium cables with max. 6 mm Ø
Blade hardness: 62-65 HRC

Order no.

9502 300 100



Oil filter spanner

for reliable and quick release of oil filters and air dryer canisters, claws on the gripping segments prevent slippage, even with jammed oil filters and air dryer canisters, particularly suitable for confined areas

Clamping range 110-145 mm
Square 1/2"
Spanner size 24 mm
Seat depth 65 mm

Order no.

9501 557 039





Pulling tool for HGV silentbloc

suitable for use together with a hydraulic pump, for quick, clean and safe removal and replacement of silentblocs on axle suspension

Advantages:

- Time savings of up to 4 hours
- Repair can be carried out directly on the vehicle
- Easy to operate
- Prevention of accidents

Application range

Silentbloc for bore- \varnothing 139 mm (removed approx. \varnothing 151-157 mm), e.g. SAF INTRADISC plus air suspension axles, Mercedes-Benz DCA axle system with 3D-bearing (A 946 390 02 50) and Mercedes-Benz HT 250 air springing with 3D-bearing (A 946 390 00 50)

Scope of supply

Pulling device for HGV silentbloc \varnothing 139 mm with hydraulic cylinder 28 t



Order no.

9515 572 099



Axle nut key

for the clean and simple loosening and tightening of flat-oval wheel hubs and axle nuts, e.g. on BPW axles

Version oval
Drive 3/4"
Spanner size 120 mm



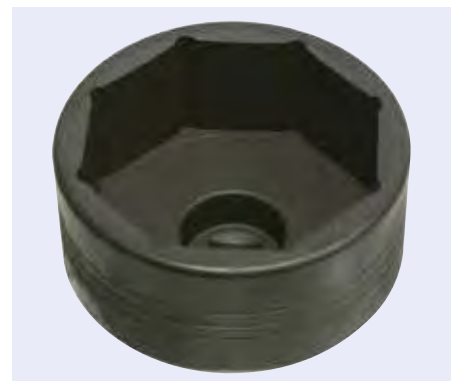
Order no.

9501 200 120



Axle nut key

for the clean and straightforward loosening and tightening of wheel capsules and axle nuts



Spanner size	Application range	Order no.
95 mm	BPW axle systems, e.g. for BPW EH.. (6,5-9 t), EH.. (6 t), EH.. (8-9 t), ZR.. (8-9 t), H.. (6,5-9 t) conv./ECO, K.. (8-9 t) conv./ECO, N.. (6-9 t) conv./ECO, K.. (6,5 t) conv./ALU hub, H.. (6 - 9 t) oil lub.	9501 200 150
109 mm	BPW (BPW-12 t, H.. 10-12 t oil lubrication, N..10-12 t oil lubrication, EH.. 6.5-9 t, EH.. 10-12 t, H.. 6.5-9 t ECO, K.. 8-9 t ECO, N..6-9t ECO) Gigant (GVH5/6 09010 4218 + DH5/6 09010 4345 - 9 t, GVH5 10010 3020, 12010 3020 - 10/12 t, GVH5 10010 3620) truck rear or trailer axle	9501 200 155
120 mm	BPW-16T rear or trailer axles, EH..(13-16 t), H.. (14-18 t), K.. (13 t), N.. (13 t), Z.. (13 t)	9501 200 160



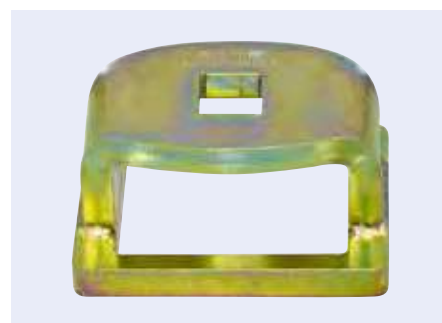
Wrench for torque-type self-locking nuts

for loosening and tightening of square self-locking nuts on axles

Size 56 x 71 mm
Drive 3/4"

Order no.

9500 155 720



Pulling tool for drawbar bush

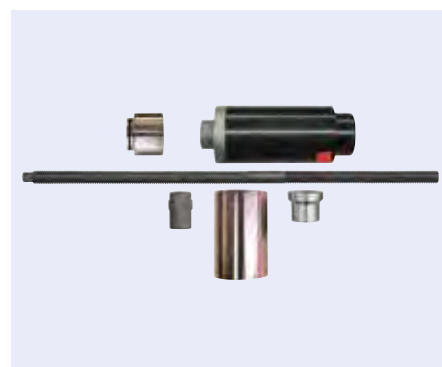
for the professional removal and installation of drawbar bushings with an outer \varnothing of 50 mm, the removal and installation can be performed directly on the trailer

Scope of supply

retaining adapter, puller spindle M20, hydraulic cylinder 17 t, clamping nut, sleeve set \varnothing 50 mm

Order no.

9515 572 170



Sleeve set

for the professional removal and installation of drawbar bushings with an outer \varnothing of 50 mm, the removal and installation can be performed directly on the trailer

Scope of supply

support sleeve \varnothing 74 / 66 mm, pressure piece \varnothing 50 mm

hydraulic cylinder, receiving adapter, puller spindle and clamping nut must already be available

Order no.

9501 557 015



Press-out tool kit for push-on connectors

convenient, ergonomic, blue anodised aluminium handle with collar and knurling for safe working without slipping off, especially short design for problem-free release of even difficult to reach cable plug connections, easy to use, high time savings, allows professional and reliable working by smoothly releasing contacts without causing damage or injury

Application range

for unlocking cable plug connections

Order no.

9501 558 014





Lever riveter set

Multi 5, for blind rivets, blind rivet nuts and blind threaded studs

Version folding arms

Scope of supply

- 1 each of heads 3/3,2 mm, 4 mm, 4,8/5 mm, 6 mm, 6,4 mm for blind rivets
- 1 each of conversion sets M4, M5, M6, M8 and M10 for blind rivet nuts
- 1 each of threaded sleeves M4, M5, M6 and M8 for RIFBOLT® threaded studs in plastic carrying case

Order no.

9900 623 822



Blind rivet pliers

BZ 40

Version with opening spring, for rivet shaft diameter 2.4-5.0 mm, only for aluminium blind rivets.

Stroke 9,5 mm

Length 265 mm

Weight 0,56 kg

Scope of supply

4 mouthpieces

Order no.

9534 813 020





Wire stripper MultiStrip 10

Strip insulation from 0,03 to 10 mm² without adjustment, universal sturdy and durable blade geometry, optimum handle design with outstanding surface feel, recessed wire cutter, fully automatic adjustment to solid core, multi-strand, fine-strand conductors with PVC insulation and a multitude of special insulations in the whole capacity range of 0,03 to 10 mm², no manual fine adjustment necessary, no damage to the conductor, the steel clamping jaws hold the cable firm against slipping without damaging the remaining insulation, with recessed wire cutter for Cu and Al conductors multi-strand to 10 mm² and solid core to 6 mm², particularly effortless action and very low weight, replaceable cutter block and length stop

Version	automatic
Working range	0,03-10,00 mm ²
Overall length	195 mm
Width	95 mm
Height	21 mm

Order no.

2300 090 173



Wire stripper

for solid core, multi-strand, fine-strand conductors with plastic and rubber insulation, automatically adjusts to the different conductor cross-sections thus causing no damage to the conductor, adjustable cutting depth, easy-change blade and plastic clamping jaws

Working range	0,03-10,00 mm ²
Housing	plastic
Overall length	200 mm
Width	95 mm
Height	21 mm

automatically adjusts to the different cable diameters

Order no.

9534 810 426



Wire stripper

compact standard tool for all common cable cross-sections and insulating materials, for solid core, multi-strand, fine-strand conductors from 0,2 to 6 mm² with standard insulation, automatically adjusts to the different conductor cross-sections: therefore no damage to the conductor, very comfortable to use because of the convenient design and low weight, slim head shape for use in difficult to reach working areas, with wire cutter for Cu and Al conductors up to max. 2,5 mm², with adjustable stroke length from 6,0 to 18,0 mm for removing insulation to the same length, blade made of special tool steel, oil hardened, replaceable

Version	automatic
Working range	0,2-6,0 mm ²
Housing	plastic
Overall length	180 mm
Width	75 mm
Height	21 mm

Order no.

9500 156 906





Crimping tool MultiCrimp®

only one tool for the most common crimping applications, quick and easy changing of the crimping dies without any additional tools, safe and protected storage of the replaceable dies in a round magazine, convenient, powerful crimping pliers in professional quality, reliable crimping results as for fixed crimping dies, constant high quality through precision dies and locking device (unlockable)

Overall length 250 mm
Material Chrome-Vanadium electro-steel in special material, oil hardened

Application range

for uninsulated, open plug-in connectors (4,8 and 6,3 mm connector width) from 0,5 to 6,0 mm², insulated cable lugs, plug-in connectors and butt connectors from 0,5 to 6,0 mm² and insulated and uninsulated end ferrules from 0,25 to 6,0 mm²

Scope of supply

3 replaceable dies

Order no.

9562 973 301

Overall length 250 mm
Material Chrome-Vanadium electro-steel in special material, oil hardened
Surface gun-metal finish

Application range

for uninsulated open plug-in connectors (4,8 and 6,3 mm connector width) from 0,5 to 6,0 mm², insulated cable lugs, plug-in connectors and butt connectors from 0,5 to 6,0 mm², insulated and uninsulated end ferrules from 0,25 to 6,0 mm², for insulated and uninsulated end ferrules with 10, 16 and 25 mm² and for uninsulated crimp, tube and clench cable lugs to DIN 46234 and DIN 46235 as well as insulated cable crimp, butt and clench connectors to DIN 46341 and DIN 46267

Scope of supply

5 replaceable dies

Order no.

9533 606 304



Crimping tool

PreciForce®

constantly high quality crimps due to precision dies and locking device (unlockable), crimping pressure is precisely set in the factory (calibrated) and can be adjusted, force amplification with toggle lever for low-fatigue working, good handling through convenient handle position, low weight, short design and ergonomically shaped handles

Overall length 220 mm

Application range	Working range	Version	Fig.	Order no.
uninsulated crimp, tube and clenched cable lugs to DIN 46234 and DIN 46235 and uninsulated crimp, butt and clenched connectors to DIN 46341 and DIN 46267	0,5-10,0 mm ²	4 profiles	1	9500 156 904
uninsulated open plug-in connectors (2,8 and 4,8 mm connector width)	0,1-2,5 mm ²	4 profiles	2	9500 156 905
uninsulated open plug-in connectors (4,8 and 6,3 mm connector width)	0,5-6,0 mm ²	3 profiles	3	9562 975 235
insulated cable lugs, plug-in connectors and butt connectors	0,5-6,0 mm ²	3 profiles	4	9537 951 864
uninsulated clenched connectors to DIN 46267	1,5-4,0/6,0+10,0 mm ²	3 profiles	5	9562 975 230



Crimping tool

for solderless electrical connections, up to 30% reduction in hand force compared to customary crimping pliers because of leverage ratio, constantly high quality crimps due to precision dies and locking device (unlockable), crimping pressure is precisely set in the factory (calibrated) and can be adjusted, two-handed operation for easy crimping of larger cable cross-sections, good handling due to balanced location of centre of gravity, angled head and ergonomically shaped handles

Version 3 profiles

Material Chrome-Vanadium electro-steel in special material, oil hardened

Length 250 mm

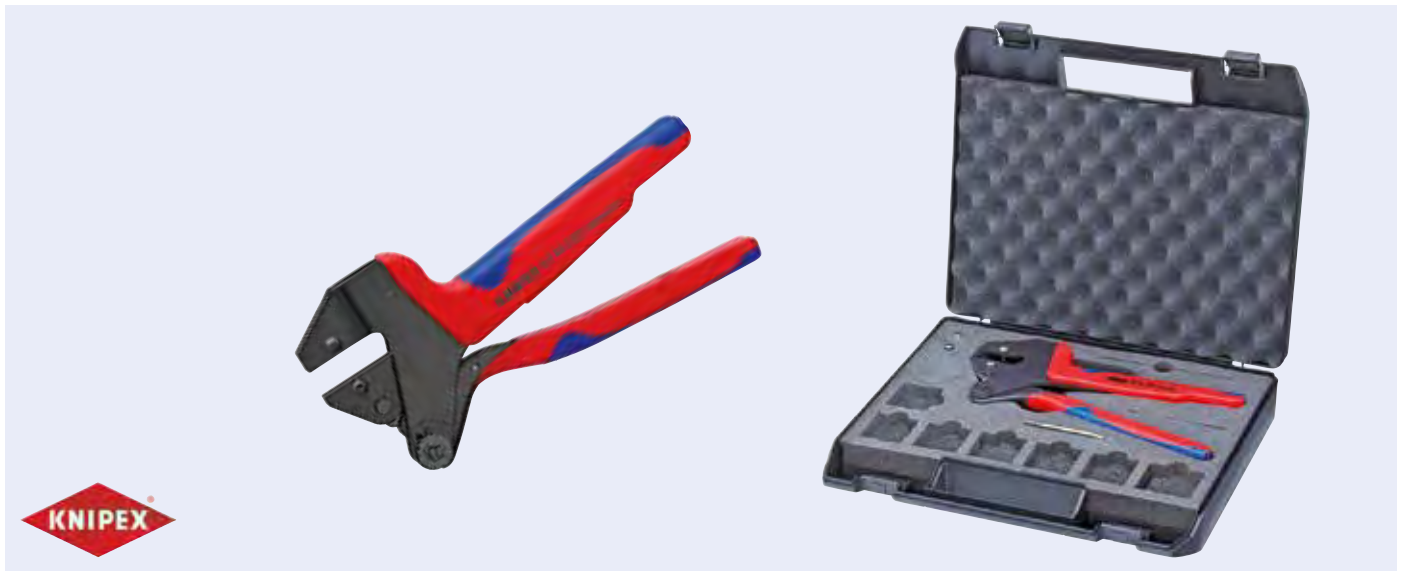
Application range

for uninsulated open plug-in connectors (4,3 and 6,3 mm connector width)

Order no.

9562 975 205



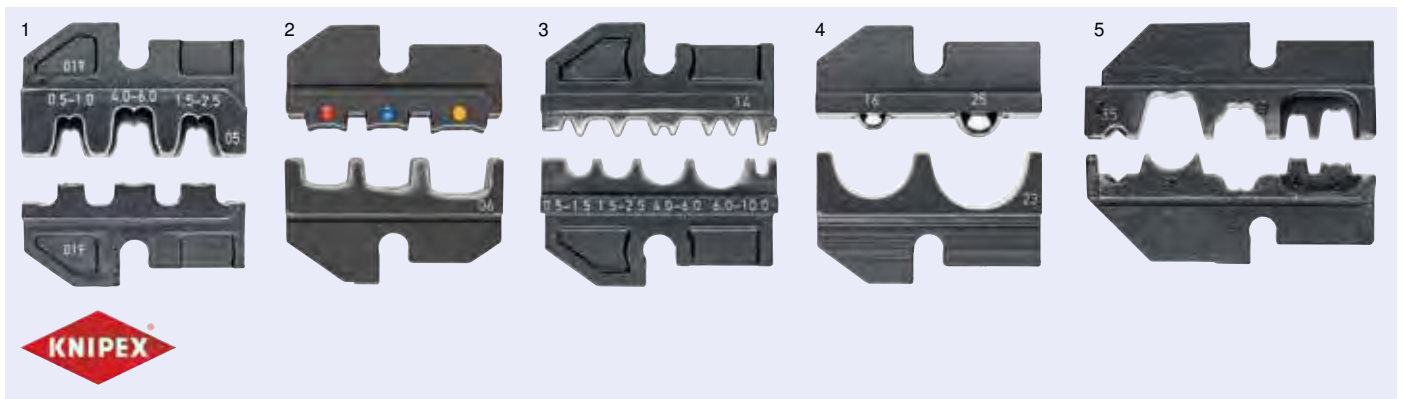


Crimping tool for replaceable crimping dies

precise factory-set crimping pressure, adjustable, force amplification through leverage, ergonomically shaped handle, various positioning aids for exact determination of the location

Material Chrome-Vanadium electro-steel in special material, oil hardened
Surface gun-metal finish
Length 200 mm

Scope of supply	Order no.
without crimping insert, without case	9562 974 321
in plastic case, with mounting tool (Allen key), bolts and nuts	9562 974 320



Crimp insert

Application range	Working range	Version	Fig.	Order no.
for uninsulated open plug-in connectors (4,8 and 6,3 mm connector width)	0,5-6,0 mm ²	3 profiles	1	9562 974 905
for insulated cable lugs, plug-in connectors and butt connectors	0,5-6,0 mm ²	3 profiles	2	9562 974 906
for uninsulated crimp, tube and clench cable lugs to DIN 46234 and DIN 46235 and uninsulated crimp, butt and clench connectors to DIN 46341 and DIN 46267	0,5-10 mm ²	4 profiles	3	9562 974 914
for uninsulated cable lugs and cable connectors	16+25 mm ²	2 profiles	4	9562 974 923
for spark plug caps and distributors (quick-fit sleeves, saw-tooth sleeves, threaded sleeves, ignition cable sleeves and distributor sleeves)		5 profiles	5	9562 974 935



Crimping tool

For cable cutting, for the stripping of wires and crimping of insulated cable lugs and plug-type connectors, with thread holes for cutting off Cu and Ms threaded pins M2.6/3/3.5/4/5, pivot bolt for high stability and smooth running, made of high-strength special steel, black coating, handles with two-coloured, multi-component sleeves

Width 62 mm

Height 25 mm

Number of profiles 3

Application range

for insulated cable lugs and cable connectors

This figure corresponds to 9534 825 853

Working range	Order no.
0,75-6,0 mm ²	9534 825 853
1,5-6,0 mm ²	9562 973 224



Crimping tool

self-adjusting, for end ferrules

narrow handle width and improved ergonomics, self-adjusting to the required end ferrule size, with side feed (patent pending), constant high crimp quality due to locking device (unlockable), crimping pressure is precisely set in the factory (calibrated), force amplification with toggle lever for low-fatigue working, good operating comfort through convenient design and low weight

Material Chrome-Vanadium electro-steel in special material, oil hardened

Surface gun-metal finish

Length 180 mm

Application range

for crimping end ferrules according to DIN 46228 part 1 + 4

Version	Fig.	Order no.
square crimping up to 16 mm ² , for all twin end ferrules to 2 x 6 mm ² or 2 x AWG 8	1	9533 605 132
hexagonal crimping up to 10 mm ² , for all twin end ferrules to 2 x 4 mm ² or 2 x AWG 10	2	9562 975 314



Crimping tool self-adjusting, for end ferrules (patented)

self-adjusting fit to the required end ferrule size: no crimping faults caused by using the incorrect crimping insert, front feed of the end ferrule into the tool, constant high crimp quality due to locking device (unlockable), crimping pressure is precisely set in the factory (calibrated) and can be adjusted, force amplification with toggle lever for low-fatigue working, good operating comfort through convenient design and low weight

Version crimping of 0,08 to 10,0 mm² in one profile, for all twin end ferrules to 2 x 4 mm² or 2 x AWG 10
 Material Chrome-Vanadium electro-steel in special material, oil hardened
 Surface gun-metal finish
 Length 190 mm

Application range
 for crimping end ferrules according to DIN 46228 part 1, 4



Order no.
2300 011 025



Crimping tool for end ferrules

easy crimping through optimised gear ratio, light and slim design, crimping in identified half-round profiles for the secure connection of sleeves and cables, 9 especially deep profiles with tapered sides

Material special tool steel, forged, oil-hardened
 Length 180 mm

Application range
 for crimping end ferrules according to DIN 46228 part 1 + 4



Order no.
9537 951 890

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Workshop requirements



Cable end sleeve assortment

in TANOS MINI-systainer® (sturdy plastic box), T-Loc lock for one-handed operation: open or close the systainer® with one turn and connect with a second systainer®, open in linked state: easy and quick access to the contents without undoing the link, two stackable plastic inserts each with six hollows for connectors

Scope of supply	Illustration	Order no.
self-adjusting crimping pliers, cable end sleeves: 200 each of 0,5/0,75/1,0/1,5/2,5 mm ² , 100 each of 4,0/6,0 mm ² , 50 of 10,0 mm ²	1	9562 979 009
self-adjusting crimping pliers, self-adjusting stripping pliers, cable end sleeves: 200 each of 0,5/0,75/1,0/1,5/2,5 mm ² , 100 each of 4,0/6,0 mm ² , 50 of 10,0 mm ²	2	9562 979 010



Compressed air grease gun

DLplus

Processes greases up to NLGI 2 at 20 °C. profiled sleeve with leakproof seat for bulk grease or cartridge, pump piston with high accuracy fit to cylinder (no apparent lubrication), performance unchanged after 40,000 working cycles, grease gun head made of die-cast zinc Z 410, reliable grip due to deep knurling, safe handle on the push rod. Loose cover with clamping piece allows manual support of the spring force in every position for compression of bulk grease or to press in the sleeve in damaged cartridges. Quick bleeding of trapped air by a half turn of the grease gun tube.

Pressure	6 bar
Bursting pressure	850 bar
Connection	M10 x 1
Colour	silver

Application range

400 g grease cartridge, DIN 1284, grease filling device or bulk grease

Scope of supply

filler nipple, reinforced hose 11 x 300 mm, precision nozzle with 4 jaws

Order no.

9810 100 515



Grease gun

easyFILL 400

The piston moves up by itself without a spring mechanism, as if lubricated. Uses grease NLGI 2 at above 10 °C, grease supply quantity at 200 bar back pressure is practically unchanged after 40,000 working cycles. Pump piston, cylinder and O-Ring with 6 µ accuracy of fit (no apparent lubrication). With a large back pressure (e.g. gummed lubrication point), the lubrication point can be overcome with much less compressive force because of the short stroke. Grease supply variable from 0,1 to 2,15 cm³ per stroke. Optimum leverage for operation of the hand lever, the force required to operate the hand lever is therefore as low as possible. Problem-free cleaning is possible because of the ease of dismantling. Rolled thread on the grease gun tube is insensitive to impacts and allows quick and easy screwing on with 1,5 turns. Quick bleeding of trapped air by a half turn of the grease gun tube. Designed for use in rough conditions, based on DIN 1283.

Bursting pressure	900 bar
Connection	M10 x 1
Colour	black

Application range

400 g grease cartridge, DIN 1284 (12 511), (12 514)

Scope of supply

hose holder, 10 grease follower plates, armoured hose 11 x 300 mm with sealing ring and precision nozzle with 4 jaws

Order no.

9501 460 000





Two-handed grease press

simple design due to vacuum principle, fast and clean cartridge replacement, environmentally-friendly due to the cartridge being completely emptied, constant monitoring of the fill level and type of grease type possible, ergonomic handles, non-slip

Version	for 500 g cartridges
Length	350 mm
Width	195 mm
Height	30 mm
Connection	M10 x 1

Delivery volume per stroke max. 2 cm³
 Delivery pressure max. 400 bar
 System bursting pressure 850 bar
 Grease gun head bursting pressure 1200 bar

Application range

for optimum use in agriculture, building construction, underground construction, road building, for greases up to NLGI 2

Scope of supply

hose holder, armoured hose 11 x 300 mm with sealing ring and precision nozzle with 4 jaws

Order no.

9198 544 164



Hand lever grease gun

plastic protection on the handle

Pressure, max.	400 bar
Bursting pressure	850 bar
Connection thread	M10 x 1
Standard	DIN 1284
Surface	painted black

Application range

for 400 g cartridges or 500 g loose grease

Scope of supply

with grease press filling nipple, with 300 mm reinforced hose and 4-cheek hydraulic grabber head

Order no.

9810 100 240



Dresselhaus

Assortment case GESIPA blind rivets

Version 12-compartment

Scope of supply

550 units, assorted:
aluminium/steel, standard/K14/K16, dimensions: standard 3 x 6 to 5 x 18,
K14 - 5 x 16, K16 - 5 x 16

Order no.

9500 449 035



Dresselhaus

Assortment case sheet metal screws DIN 7981, galvanised

Version 18-compartment

Scope of supply

1450 units, assorted:
dimensions: 2,9 x 9,5 to 4,8 x 32

Order no.

9500 449 047



Dresselhaus

Assortment case Universal screws/chipboard screws

Version 18-compartment

Scope of supply

950 units, assorted:
– countersunk head, I-star, galvanised, yellow chromated,
– dimensions: 3 x 16 to 5 x 60
– incl. bit

Order no.

9500 449 180



Dresselhaus

Assortment case number plate screws

Version 18-compartment

Scope of supply

540 units, assorted:
– galvanised, dimensions: 5 x 20 to 6 x 20 and 4,8 x 19 to 5,6 x 32
– PVC cover caps: white, blue, black

Order no.

9500 449 075





Work jacket FULDA

hardwearing, triple flat felled seams extend the service life of the product, generous freedom of movement through cut-to-shape sleeves, slightly longer back, rounded hem offers perfect freedom of movement and easy access to the front pockets, improved visibility with the aid of reflective effects

evaluated by ETSA, certified according to UV Standard 801

Size	Order no. anthracite/black	Order no. red/black	Order no. cornflower blue/black blue
S	7864 421 800	7864 420 200	7864 421 100
M	7864 421 801	7864 420 201	7864 421 101
L	7864 421 802	7864 420 202	7864 421 102
XL	7864 421 803	7864 420 203	7864 421 103
XXL	7864 421 804	7864 420 204	7864 421 104
XXXL	7864 421 805	7864 420 205	7864 421 105



Dungarees AUGSBURG

hardwearing, triple flat felled seams on the legs and in the crotch extend the service life of the product, superb fit with ergonomically shaped legs and wedge shaped inserts on the inside leg and in the crotch (with extra reinforcement), with CORDURA® fabric reinforced knee pockets, access to knee protection from above and flap so that no dirt collects, height-adjustable knee pockets, optimum knee protection, improved visibility in the surroundings with the help of reflective effects

evaluated by ETSA, certified according to UV Standard 801

Size	Order no. anthracite/black	Order no. red/black	Order no. cornflower blue/black blue
C46	7862 188 246	7860 420 246	7862 118 246
C48	7862 188 248	7860 420 248	7862 118 248
C50	7862 188 250	7860 420 282	7862 118 250
C52	7862 188 252	7860 420 252	7862 118 252
C54	7862 188 254	7860 420 254	7862 118 254
C56	7862 188 256	7860 420 256	7862 118 256
C58	7864 428 258	7860 420 258	7862 118 258
C60	7864 428 260	7860 420 260	7862 118 260
C62	7864 428 262	7860 420 262	7862 118 262
C64	7864 428 264	7860 420 264	7862 118 264





Work trousers

MANNHEIM

Triple flat-fell seams on the legs and in the crotch, low form and tailored waist band, trouser legs are ergonomically shaped, slanted thigh pocket can be individually divided using press studs, knee pockets made of CORDURA® fabric, adjustable height and with flap as well as access from above, reflective effect, protection according to the EN 14404 standard is achieved when appropriate knee protection inserts are used
evaluated by ETSA, certified according to UV Standard 801, 12.1.10.0016-5

Size	Order no. dark anthracite/black	Order no. red/black	Order no. cornflower blue/black blue
C46	7860 428 246	7864 400 246	7864 428 460
C48	7860 428 248	7864 400 248	7864 428 248
C50	7864 421 882	7864 420 282	7864 421 182
C52	7860 428 252	7862 020 252	7864 428 252
C54	7860 448 254	7864 200 254	7860 428 254
C56	7860 448 256	7864 400 256	7860 428 256
C58	7864 421 858	7864 020 258	7864 421 158
C60	7868 395 460	7864 020 260	7864 428 600
C62	7872 369 062	7864 020 262	7864 428 620
C64	7876 342 664	7864 020 264	7864 428 640



Knee cushion

RedPad 62000

the portable and ultra-light knee cushion, makes kneeling more comfortable and convenient everywhere

Outer dimension 46 x 23 x 3 cm

Order no.

7100 062 000



Knee pads

Basic Black 50002

protective area with pliable PVC cap, adaptable via flexible lamellae with soft padding and elastic gel material insert, wide neoprene edging protects against penetration and slipping in the hollow of the knee, with hook and loop closure for all sizes

Order no.

7100 050 002





Emergency warning Softshell jacket

all-round reflective strips (waist, sleeves, shoulders), two side pockets with zip fastener, breast pocket with zip fastener, inner pocket with Velcro fastener, Velcro fastener on the cuffs, longer back

Material 100% polyester
Standard EN ISO 20471:2013

Size	Order no.	Order no.
	yellow/marine	orange/marine
46/48 (S)	9588 000 270	9588 000 210
50/52 (M)	9588 000 280	9588 000 220
54/56 (L)	9588 000 290	9588 000 230
58/60 (XL)	9588 000 300	9588 000 240
62/64 (XXL)	9588 000 310	9588 000 250
66/68 (3XL)	9588 000 320	9588 000 260



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Workshop requirements



Emergency warning waistcoat

with 2 body and 2 shoulder reflective strips

Version with hook and loop fastener
Material 100% polyester
Standard EN 20471
Size one size fits all

Colour	Order no.
yellow	9534 000 002
orange	9534 000 003





Fine dust mask

protects up to 4 times the AGW value, single use

Version without exhalation valve
 Colour white
 Standard EN 149, protection level FFP1

Application range

restoration work, lagging work, cleaning work in industry and at home, sanitary work

Order no.

9534 880 519



Fine dust mask

protects up to 10 times the AGW value, single use, high wearing comfort due to exhalation valve providing lower breathing resistance

Version with exhalation valve
 Colour white
 Standard EN 149 protection level FFP2/V

Application range

restoration work, lagging work, cleaning work in industry and at home, sanitary work

Order no.

9751 211 413



Fine dust mask

protects up to 30 times the AGW value, single use, high wearing comfort due to exhalation valve providing lower breathing resistance

Version with exhalation valve and nose clamp
 Colour white
 Standard EN 149 protection level FFP3/V

Application range

restoration work, lagging work, cleaning work in industry and at home, sanitary work

Scope of supply

exhalation valve, nose clamp, sealing lip, adjustable strapping

Order no.

9751 211 414





Protective goggles

EN 166

provides complete all-round protection, the length of the ear pieces can be adjusted, making fitting easier, the lenses are non-fogging, scratchproof, anti-static and particularly easy to look after

Version blue frame, clear lens

absorb 99.9 % of UV rays up to 400 nm

Order no.
9534 880 740



Full view protective goggles

wide viewing window for an unlimited field of vision, hoop with SoftPad technology, adjustable in length and angle, highly developed indirect ventilation system, PLUS anti-scratch and PLUS anti-mist coating, soft fitting rubber edge for sealing protection, certificated according to EN166 point 3 (droplets and splashes) and point 4 (coarse dust particles),

Version clear lens

Colour grey/green

Material polycarbonate lens

Order no.
9500 001 220



Full view protective goggles

panoramic lens, can be worn over prescription glasses, exclusive UDC coating, compatible with half-masks, indirect ventilation system guarantees certified protection against droplets and splashes, PSA category III, mechanical strength 432 km/h, also at extreme temperatures

Version clear lens

Colour grey/green

Material polycarbonate lens

Order no.
9500 001 330



Accessories

Description	Order no.
Shield for face protection	9500 000 100
Replacement washer	9500 042 117

Full view protective goggles

high-tech full view glasses with wide field of vision, anatomical nose bridge for perfect fit to the face, the adjustable elastic strap and a soft edge enable an optimum fit to the face, corrective insert available, PSA category III

Type 601

Version	Colour	Material	Order no.
indirect ventilation	blue	PC	9560 127 700
indirect ventilation	blue	Acetate	9561 027 701
unventilated	clear	PC	9561 030 700
unventilated	clear	Acetate	9561 030 701

Accessories

Description	Order no.
Replacement washer, PC	9500 042 065
Replacement washer, Acetate	9500 042 066



MOLDEX**Ear plugs on strap****M4**

headband with air cushion ridges, reduces pressure and heat build-up, light and flexible with low contact pressure

Standard EN352-1
 Material ABS, polyurethane (PUR), TPE film, POM, stainless steel, EVA
 Colour yellow

Sound insulation value (SNR) = 30 dB(A)

Application range

For changing noise levels or problems using earplugs

Order no.

9534 370 308

**MOLDEX****Ear plugs on strap****WaveBand® 2K**

great freedom of movement without contact noise, low contact pressure, feather-light and comfortable, easy to put on and take off, ideal protection for constantly changing noise levels

Standard EN352-2
 Material Polyurethane (PUR)
 Polyoxymethylene (POM)
 Thermoplastic elastomers (TPE)

Sound insulation value (SNR) = 27 dB(A)

Order no.

9534 370 309

**MOLDEX****Ear plugs****Spark Plugs soft**

comfortable protection for works that require constant ear protection during high levels of noise

Standard EN352-2
 Material Polyurethane (PUR)
 Sound insulation value 35 dB(2)

Sound insulation value (SNR) = 35 dB(A)

Scope of supply

Box with 200 pairs

packed in pairs

Order no.

9534 370 299





Protective gloves

very tough work glove in professional quality, lined palm and rubberised cuff, particularly resistant to abrasion, very good value for money, good wear comfort and fit

Colour grey/yellow Material full cow hide
 Size 10.5 Standard EN 420/EN 388 CAT2

Application range
 workshops, garden, waste collection, road works, building trade, automobile industry, installation work, haulage, vehicle fleets, air ports, railway operations, harbour and canal work and much more

TÜV/GS-tested



Order no.
9534 000 000



Knitted gloves

very flexible all-purpose gloves, very resistant to slipping, perfect dexterity, very good value for money, perfect wear comfort and fit, special coating over ¾ of glove, partial coating on palm and finger tips

Colour grey/black
 Standard EN 420/EN 338

Size	Order no.
9	9534 000 005
10	9534 000 006
11	9534 000 007



10 Workshop requirements



Knitted gloves

very flexible general purpose glove, lies like a second skin, touch-screen capable, very good value for money, perfect wear comfort and fit, extremely thin and light 18 GAUGE knit, partial coating on palm and finger tips

Colour blue/black
 Standard EN 420/EN 388

Application range
 workshops, automobile industry, installation work, transport, precision work, packaging and much more

Size	Order no.
7	9530 624 007
8	9530 624 008
9	9530 624 009
10	9530 624 010
11	9530 624 011





Emergency gloves

very tough work glove, lined palm and rubberised cuff, highest visibility through reflective stripes on the knuckle protection, fluorescent back of hand and cuff, particularly resistant to abrasion, very good value for money, good wear comfort and fit

Size 10,5
Material Full grain cowhide
Standard EN 420/EN 388 CAT2

Application range

workshops, garden, waste collection, road works, building trade, automobile industry, installation work, haulage, vehicle fleets, air ports, railway operations, harbour and canal work and much more

Order no.

9530 169 010



Safety shoes

LEMON FRESH ACT148

steel toe cap, FlexGuard® plastic midsole, Bata Cool Comfort® lining, PU/PU sole, quick-action zip closure

Version ESD - electrostatic discharge
Width 10
Colour black/green
Material Microfibre
Standard EN ISO 20345/S1P SRC

Size	Order no.
38	9514 811 038
39	9514 811 039
40	9514 811 040
41	9514 811 041
42	9514 811 042
43	9514 811 043

Size	Order no.
44	9514 811 044
45	9514 811 045
46	9514 811 046
47	9514 811 047
48	9514 811 048



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Workshop requirements

EUROPART® – a powerful brand

Alongside well-known manufacturer's brands, EUROPART also offers a strong assortment of its own-brand products with 7000 items from the various EUROPART ranges.

Your advantages:

- Highest quality standards
- Maximum availability at 300 locations in 28 countries
- Increasing your competitiveness
- Consistent service package



**EUROPART
GOOD TO KNOW**





Safety shoes NOVA QUBIT-ESD

protective toecap, FlexGuard® plastic midsole, Bata Cool Comfort® lining, black PU midsole, grey/orange TPU outsole

Version ESD - electro-static discharge
 Colour black/orange
 Material Microfibre
 Width 10

Size	Order no.
36	9513 111 036
37	9513 111 037
38	9513 111 038
39	9513 111 039
40	9513 111 040
41	9513 111 041
42	9513 111 042

Size	Order no.
43	9513 111 043
44	9513 111 044
45	9513 111 045
46	9513 111 046
47	9513 111 047
48	9513 111 048



Safety shoes NOVA ZIP-ESD

protective toecap, FlexGuard® plastic midsole, Bata Cool Comfort® lining, black PU midsole, grey/orange TPU outsole

Version ESD - electro-static discharge
 Colour black/orange
 Material Microfibre
 Width 10

Size	Order no.
36	9514 111 036
37	9514 111 037
38	9514 111 038
39	9514 111 039
40	9514 111 040
41	9514 111 041
42	9514 111 042

Size	Order no.
43	9514 111 043
44	9514 111 044
45	9514 111 045
46	9514 111 046
47	9514 111 047
48	9514 111 048





Vehicle first-aid box

contents clearly arranged in 6-compartment folding bag

Version with rescue blanket
Material ABS plastic
Standard DIN 13 164-2014

Application range

for passenger cars, trucks and buses with up to 22 seats (2 boxes are necessary for buses with more than 23 seats)

Order no.

9195 650 000



First-aid case

including profession-related additional contents with main focus on workshops, with wall bracket, integrated carrying handle and screw closures, the inner dividers are adjustable and each side of the case has a transparent cover

Dimensions 340 x 240 x 120 mm
Material impact-proof ABS plastic

Application range

especially for repair and maintenance companies and all other technical workshop companies

Scope of supply

basic contents DIN 13 157 with additional contents: e.g. antiseptic wipes, sachets of burn gel, cohesive bandages, finger cots, eye patch with elastic, elastic bandages, safety pins and tweezers

Order no.

9195 650 008



Oil binding agent

Standard, type III/R

Absorbent aerated concrete granulate on the basis of calcium silicate hydrate. Oil and chemical binders for the absorption of oils and other leaked liquids. Suitable for circulation areas. For cleaning and protecting industrial flooring and to cover hazardous traces oil on roads and runways, not water-repellent and not buoyant. EUROPART Standard Type III R oil binder ensures safe working conditions, is non-slip, non-toxic, non-flammable and leaves virtually no residue.

- Binder for basic, alkaline substances (alkaline solutions)
- Binder for flammable, combustible liquids
- Type III R oil binders
- Binder for aqueous and polar liquids

The product is chemically inert with many liquids. It must not be used with e.g. oxidative substances and hydrofluoric acid.

1 ltr oil binder binds 0.29 ltr. oil
1 kg oil binder binds 0.63 ltr. oil
1 kg oil binder binds 0.51 kg oil

Contents

Container

Order no.

40 l

Sack

9534 007 890



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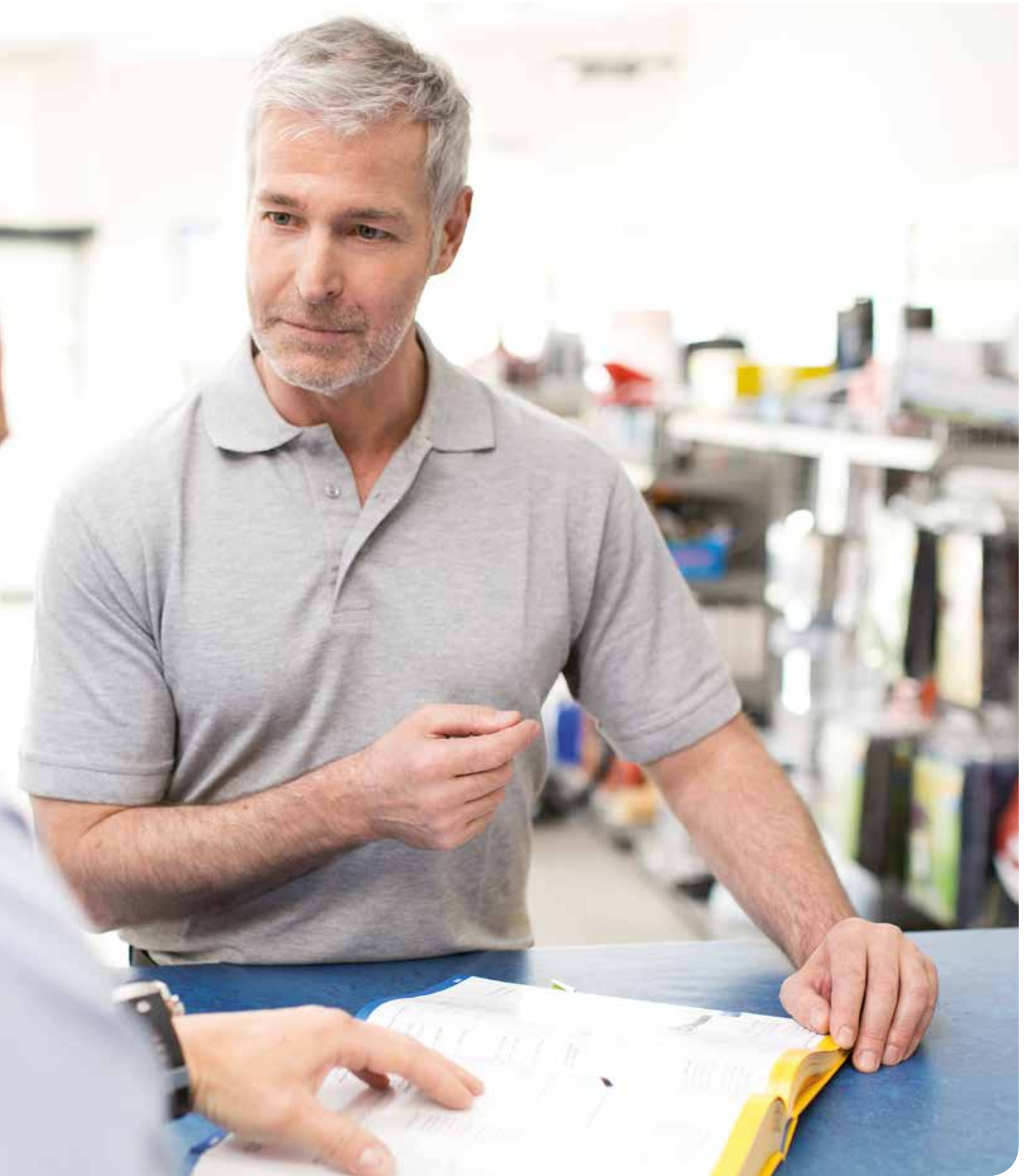
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