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FOR THE TRUCK OF THE YEAR 2012

ORIGINAL QUALITY OE

BERAL BREMSBELÄGE SIND FÜR DEN LKW DES JAHRES 2012 FREIGEGEBEN
BERAL HOMOLOGUÉ POUR LE CAMION DE L'ANNÉE 2012
BERAL OMOLOGATO SUL TRUCK OF THE YEAR 2012
BERAL HOMOLOGADA PARA O CAMIÃO DO ANO 2012
BERAL GEHOMOLOGEERD VOOR TRUCK OF THE YEAR 2012
ТОРМОЗНЫЕ КОЛОДКИ BERAL ОМОЛОГИРОВАНЫ ДЛЯ ГРУЗОВИКА ГОДА 2012
BERAL HOMOLOGOWANY DO CIĘŻARÓWKI ROKU 2012

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Date: 03/09/2012

Olivier Legrand
Vice President Aftermarket Europe
Federal-Mogul Corporation

AE Abex BERAL CHAMPION DURON

FERODO YOU'RE IN CONTROL FP DIESEL GLYCO GOETZE

MOOG NECTO Nüral Payen WAGNER

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OE HOMOLOGATIONS

OE-FREIGABEN - HOMOLOGATIONS OE - OMOLOGAZIONI OE - HOMOLOGAÇÕES OE - OE HOMOLOGATIES

VEHICLE MANUFACTURER	MAIN APPLICATION	WVA	PART NUMBER	MATERIAL
Astra				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
410 x 200 mm	BM304, BM305	59234	59 234 19,10 60 1624 8	3652 (1624)
Bova				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
410 x 220 mm	Bus	19699/19847/19848	19 699 17,55 00 1616 5	1616
DAF				
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
Wabco 456 F-Ö	F-Serie	29017	29 017 23,00 40 3422 4	3422
Dennis Bus				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
360 x 170 mm	Dart Bus	19225	19 225 14,00 60 1637 4	3663
360 x 170 mm	Dart Bus	19503	19 503 16,00 00 1626 4	3663
IRISBUS				
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
BREMBO bi-Disc 22.5”	IVECO	29075	FCV801	3450
BREMBO bi-Disc 22.5”	IVECO	29186	FCV1614	3450
MERITOR D-LISA	Citelis E3	29090	29 090 28,00 41 4567 4	4567
IVECO				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
325 x 80 mm	OM series	15732/15733	15 732 07,00 60 1637 3	3653 (1637)
325 x 100 mm	Z-series	17924/17925	17 924 12,50 60 1616 3	3653
325 x 120 mm	Z-series	17635/17636	17 635 12,00 60 1560 3	3653
325 x 140mm	Z-series	17688	17 688 12,00 86 1560 3	3653
360 x 170 mm	EuroCargo	19503	19 503 16,00 60 1637 4	3653 (1637)
360 x 170 mm	M-series	19225 (19918)	19 225 14,00 60 1637 4	3653 (1637)
381 x 177 mm	Twin-wedge brake	19384/19385	19 384 18,15 60 3652 5	3652
410 x 180 mm	EuroTech	19555/19556	19 555 20,40 60 1642 5	3656 (1642)
410 x 180 mm	EuroTech (new version)	19556/19715/19714	19 714 22,20 60 1642 5	3656 (1642)
410 x 200 mm	EuroTech (new version)	19553/19717/19716	19 716 22,20 60 1642 5	3656 (1642)
410 x 220 mm		19712/19755	19 712 18,10 00 1616 6	1616
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
BREMBO 2x68	EuroCargo	29256	29 256 27,00 40 3422 4	3422
BENDIX ADB3700	EuroCargo	29032	29 032 25,00 40 3475 4	3475
BENDIX ADB4300	EuroCargo	29011	29 011 25,00 40 3475 4	3475
KNORR SB/SN6...	EuroCargo	29197	29 197 30,00 41 4550 4	4550
KNORR SB/SN7 Pro Tec S®	EuroTech **(disc Ø 430 mm)**	29253 (29179)	29 253 30,00 41 4550 4	4550
	Stralis	29253 (29179)	29 253 30,00 41 4550 4	4550
KNORR SB7600	EuroTech **(disc Ø 436 mm)**	29196	29 196 30,00 41 4550 4	4550
	EuroStar	29196	29 196 30,00 41 4550 4	4550
MERITOR 2x68	Z-Serie	29067	29 067 22,00 40 3475 4	3475
WABCO 456 F-Ö	Z-Serie	29017	29 017 23,00 40 3422 4	3422
WABCO PAN 17	EuroCargo	29088	29 088 26,00 40 4523 4	4523
MAN				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
325 x 97 mm	G-Seies	15879	15 879 16,50 60 1649 8	3661 (1649)
360 x 143 mm	G-Seies	17017	17 017 16,00 60 1649 8	3661 (1649)
325 x 150 mm	G-Seies	17988	17 988 16,20 60 1649 8	3661 (1649)
360 x 163 mm	M90-Series	19177	19 177 16,00 60 1649 8	3661 (1649)
360 x 183 mm	M90-Series	19708	19 708 16,25 00 1649 5	3661 (1649)
410 x 143 mm	Heavy Class	17238	17 238 17,00 00 1561 8	1561
410 x 163 mm	Heavy Class	19713	19 713 17,00 00 1561 8	1561
410 x 183 mm	Heavy Class	19495	19 495 17,00 00 1561 8	1561
410 x 223 mm	Heavy Class	19496	19 496 17,00 00 1561 8	1561
410 x 163 mm	MAN Bus	19579/19706	19 579 18,00 00 1616 6	1616
410 x 223 mm	MAN Bus	19581/19707	19 581 18,00 00 1616 6	1616
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
KNORR SB/SN5...	TGL	29183/29148	29 183 27,00 41 4550 3	4550
KNORR SB/SN6...	M 2000 / TGM	29197	29 197 30,00 41 4568 4	4568
KNORR SB/SN7...	TGA 7/2003 -> 8/2007	29253 (29179)	29 253 30,00 41 4550 4	4550

VEHICLE MANUFACTURER	MAIN APPLICATION	WVA	PART NUMBER	MATERIAL
	TGX from 9/2007	29253 (29179)	29 253 30,00 41 4550 4	4550
	TGS from 9/2007	29253 (29179)	29 253 30,00 41 4550 4	4550
	Bus up to 80km/h speed max	29179	29 179 30,00 41 4567 4	4567
MERITOR D3/D-ELSA 1	Bus up to 80km/h speed max	29210 (29030)	29 210 28,00 41 4567 4	4567
	Bus up to 100km/h speed max	29210 (29030)	29 210 28,00 41 4568 4	4568
	M2000	29210 (29030)	29 210 28,00 41 4568 4	4568
	TGA	29210 (29030)	29 210 28,00 41 4568 4	4568
MERITOR D-ELSA 2	Bus up to 80km/h speed max	29156 (29131)	29 156 30,00 41 4567 4	4567
	Bus up to 100km/h speed max	29156 (29131)	29 156 30,00 41 4568 4	4568
MERITOR D-ELSA 2	F2000	29156 (29131)	29 156 30,00 41 4568 4	4568
	TGA	29156 (29131)	29 156 30,00 41 4568 4	4568
WABCO 1000V-G	L 2000 till 96	29055	29 055 22,00 40 4551 4	4551
WABCO PAN 17	L 2000 from 97	29088	29 088 26,00 40 4568 4	4568
	M 2000	29088	29 088 26,00 40 4568 4	4568
Mercedes-Benz				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
230 x 34 mm	T 1-Series	11582/11019/11025	11 019 08,00 60 1561 5	1530
260 x 54 mm	T 1-Series	13020/13532	13 020 08,00 60 1561 3	1530
300 x 87 mm	T 2-Series	15059/15869	15 059 09,30 60 1561 3	1530
308 x 90 mm	LK/LN2-Series	15162	15 162 13,50 00 1561 4	1530
308 x 105mm	LK/LN2-Series	17278	17 278 13,50 00 1561 4	1530
308 x 120 mm	LK/LN2-Series	17280	17 280 13,50 00 1561 4	1530
308x 135 mm	LK/LN2-Series	17287	17 287 13,50 00 1561 4	1530
364 x 130 mm	LK/LN2-Series	17290/17950	17 290 15,40 00 1561 6	1530
300 x 102 mm	O 409 (6 to)	17350/19873	17 350 09,30 60 1561 3	1530
300 x 122 mm	O 409 (7,5 to)	17351/17975	17 351 09,30 60 1561 3	1530
364 x 160 mm	LK/LN2-Series	19506/19844	19 506 15,40 00 1561 6	1530
364 x 200 mm	LK/LN2-Series	19505/19112	19 505 15,80 00 1561 6	1530
367 x 70 mm	Unimog	15748	15 748 08,00 60 1539 4	1539
390 x 70 mm	Unimog	15300	15 300 06,50 60 1539 4	1539
410 x 123 mm	MK Class	17682	17 682 17,00 60 1549 8	1549
410 x 143 mm	SK Class	17238	17 238 17,00 00 1549 8	1549
410 x 163 mm	SK Class	19494	19 494 17,00 00 1549 8	1549
410 x 183 mm	SK Class	19495	19 495 17,00 00 1549 8	1549
410 x 223 mm	SK Class	19496	19 496 17,00 00 1549 8	1549
410 x 163 mm	Bus	19579/19706	19 579 18,00 00 1616 6	1616
410 x 223 mm	Bus	19581/19707	19 581 18,00 00 1616 6	1616
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
KNORR SB/SN5...	Atego I	29183/29148	29 183 27,00 41 4550 3	4550
KNORR SB/SN6...	Atego I	29197	29 197 30,00 41 4550 4	4550
KNORR SB/SN7 Pro Tec S®	Actros	29253 (29179)	29 253 30,00 41 4550 4	4550
	Atego II	29253 (29179)	29 253 30,00 41 4550 4	4550
	Axor	29253 (29179)	29 253 30,00 41 4550 4	4550
	Econic	29253 (29179)	29 253 30,00 41 4550 4	4550
Meritor D3	Bus O 404	29083	29 083 28,00 41 3422 4	3422
	Bus Tourismo O 350	29083	29 083 28,00 41 3422 4	3422
NEOPLAN				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
410 x 160 mm	Bus, all Types	19849/19850	19 849 17,55 00 1616 6	1616
410 x 220 mm	Bus, all Types	19699/19847/19848	19 699 17,55 00 1616 5	1616
410 x 220 mm	Bus, all Types	19712/19755	19 712 18,10 00 1616 6	1616
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
KNORR SB/SN7…	Bus, all Types	29179	29 179 30,00 41 4567 4	4567
Nissan				
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
MERITOR C-LISA	Eco-T	29099	29 099 25,00 41 4572 4	4572
Renault				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
360 x 170 mm	Midliner/ M - S Series	19255/19259	19 255 17,50 60 1627 3	928 (1627)
414 x 125 mm	Berliet	17747/17748	17 747 12,50 60 1560 3	928

OE HOMOLOGATIONS

OE-FREIGABEN - HOMOLOGATIONS OE - OMOLOGAZIONI OE - HOMOLOGAÇÕES OE - OE HOMOLOGATIES

VEHICLE MANUFACTURER	MAIN APPLICATION	WVA	PART NUMBER	MATERIAL
414 x 150 mm	Magnum/ Major/ Manager/ Midliner	19934	19 934 18,50 60 1627 8	928 (1627)
414 x 150 mm	Berliet	19049/19199	19 049 13,50 60 1560 3	928
414 x 150 mm	Major (R-Series)/Manager (G-Series)	19919	19 919 13,00 60 1627 4	928 (1627)
414 x 175 mm	Magnum/ Major/ Manager/ Midliner	19935	19 935 18,50 60 1627 8	928 (1627)
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
MERITOR 2x68 B	Midliner	29067	29 067 22,00 40 3475 4	3475
MERITOR D3/D-ELSA 1	Magnum/Premium	29210 (29030)	29 210 28,00 41 4572 4	4572
MERITOR D- ELSA 2	Magnum/Premium	29156 (29131)	29 156 30,00 41 4572 4	4572
MERITOR D- LISA	Magnum/Premium	29090	29 090 28,00 41 4572 4	4572
Scania				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
413 x 178 mm		19931	19 931 19,00 00 1637 4	932
413 x 178 mm		19075	19 075 19,00 00 1560 8	932
413 x 203 mm		19932	19 932 19,00 00 1637 4	932
413 x 254 mm		19933	19 933 19,00 00 1637 4	932
413 x 254 mm		19647	19 647 19,00 60 1560 8	932
SETRA				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
410 x 140 mm	Series 200 / 300	17742/17743	17 742 16,00 00 1616 6	1616
410 x 160 mm	Series 200 / 300	19849/19850	19 849 17,55 00 1616 6	1616
410 x 160 mm	Series 200 / 300	19634/19635	19 634 15,90 00 1616 6	1616
410 x 180 mm	Series 200 / 300	19558/19559	19 558 16,00 60 1616 6	1616
410 x 180 mm	Series 200 / 300	19084/19085/19856	19 084 17,50 00 1616 5	1616
410 x 220 mm	Series 200 / 300	19699/19847/19848	19 699 17,55 00 1616 5	1616
410 x 220 mm	Series 200 / 300	19712/19755	19 712 18,10 00 1616 6	1616
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
MERITOR D3/D-ELSA 1	Bus Serie 300	29210 (29030)	29 210 28,00 41 4550 4	4550
SOLARIS				
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
Knorr SB/SN7…	Urbino10-12-15-18	29179	29 179 30,00 41 4567 4	4567
Steyr				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
400 x 100 mm	Middle Class	17212	17 212 10,00 60 1560 4	1541
405 x 140 mm	Middle Class	17847	17 847 12,50 60 1541 4	1541
405 x 120 mm	Middle Class	17251	17 251 12,50 60 1560 4	1549
410 x 180 mm	Heavy Class	19495	19 495 17,00 00 1549 8	1549
Tatra				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
420 x 160 mm		19648	19 648 16,00 00 1549 8	1549
van Hool				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
410 x 180 mm	A300	19946/19947	19 946 18,20 00 1616 6	1616
410 x 220 mm	AG300	19699/19847/19848	19 699 17,55 00 1616 5	1616
Volvo				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
394 x 177 mm	S-cam Brake	19467/19468	19 467 19,00 60 1627 6	932
394 x 203 mm	S-cam Brake	19562/19563	19 562 19,00 00 1560 6	932
394 x 254 mm	S-cam Brake (Bus B10 - B12)	19799/19800	19 799 19,00 60 1627 6	932
410 x 125 mm	Z-cam Brake	17992	17 992 18,30 60 1627 8	929 (1627)
410 x 150 mm	Z-cam Brake	19941	19 941 18,30 60 1627 8	929 (1627)
410 x 175 mm	Z-cam Brake	19090	19 090 18,30 00 1627 8	929 (1627)
410 x 200 mm	Z-cam Brake	19071	19 071 18,30 00 1627 8	929 (1627)
410 x 225 mm	Z-cam Brake	19068	19 068 18,30 00 1627 8	929 (1627)
414 x 152 mm	S-cam Brake	19560/19561	19 560 19,00 00 1560 6	932
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
MERITOR 2x68	FL4, FL6 Serie	29039	29 039 22,00 40 3422 4	3422
MERITOR D Duco	CityBus	29125	29 125 29,00 41 4567 4	4567
MERITOR D Lisa	CityBus	29090	29 090 28,00 41 4567 4	4567
MERITOR Elsa 225-3	CityBus	29218	29 218 29,00 41 4567 4	4567

AXLE MANUFACTURER	MAIN APPLICATION	WVA	PART NUMBER	MATERIAL
ADR / FAD				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
300 x 135		57248	57 248 11,00 00 1561 4	1561
300 x 135		57250	57 250 11,00 00 1561 4	1561
300 x 100		57251	57 251 11,00 00 1561 4	1561
300 x 150		59338	59 338 11,00 00 1561 4	1561
300 x 160		59335	59 335 11,00 66 1561 4	1561
400 x 120		17016	17 016 11,00 00 1561 8	1561
BPW				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
250 x 40 mm		11284	11 284 05,00 60 1548 4	1548
300 x 150 mm (SN 3015)		19573	19 573 18,00 00 1517 8	1517
300 x 200 mm (SN 3020)		19574	19 574 18,00 00 1517 8	1517
310 x 80 mm		55173	55 173 08,00 60 1517 4	1517
360 x 160 mm (SN 3616)		19952/19953	19 952 17,80 00 1517 6	1517
360 x 200 mm (SN 3620)		19902/19903	19 902 17,80 00 1517 6	1517
400 x 80 mm		15247	15 247 08,00 60 1548 4	1535
400 x 120 mm		17016	17 016 08,00 00 1517 8	1517
420 x 120 mm (SN 4212)		17377	17 377 18,00 00 1517 8	1517
420 x 160 mm (SN 4216)		19200	19 200 17,80 00 1517 8	1517
420 x 180 mm (SN 4218)		19032	19 032 17,80 00 1517 8	1517
420 x 200 mm (SN 4220)		19094	19 094 17,80 00 1517 8	1517
420 x 220 mm (SN 4222)		19825	19 825 18,00 00 1517 8	1517
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
SN5		29183/29148	29 183 27,00 41 4550 3	4550
DISCOS				
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
KNORR SB/SN6...		29197	29 197 30,00 41 4550 4	4550
KNORR SB/SN7 Pro Tec S®		29253 (29179)	29 253 30,00 41 4550 4	4550
KNORR SK7		29158	29 158 30,00 41 4550 4	4550
Fruehauf/Benalu				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
311 x 203 mm		19608/19609	19 608 18,40 00 1561 6	1561
419 x 178 mm		19613/19614	19 613 19,20 70 1561 6	1561
419 x 203 mm		19557/19606	19 557 18,60 70 1561 6	1561
GIGANT				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
300 x 100 mm	SAE	17347	17 347 17,00 00 1561 8	1561
300 x 200 mm	SAE	19574	19 574 17,00 00 1517 8	1561
305 x 200 mm	SAE	19762/19763	19 762 15,90 00 1541 6	1541
305 x 80 mm	SAE	15799	15 799 11,50 66 1541 8	1541
305 x 125 mm	SAE	17897/17898	17 897 15,80 00 1541 6	1541
305 x 150 mm	SAE	19760/19761	19 760 15,90 00 1541 6	1541
305 x 200 mm	SAE	19762/19763	19 762 15,90 00 1541 6	1541
355 x 150 mm	SAE	19912/19913	19 912 18,00 80 1541 6	1541
355 x 200 mm	SAE	19892/19893	19 892 18,00 00 1541 6	1541
360 x 200 mm	SAE	19902/19903	19 902 17,80 00 1517 6	1561
420 x 160 mm	SAE	19200	19 200 17,80 00 1517 8	1541
311 x 203 mm	S.M.B.	19608/19609	19 608 18,40 00 1561 6	928
419 x 178 mm	S.M.B.	19613/1914	19 613 19,20 70 1627 6	929 (1627)
419 x 203 mm	S.M.B.	19557/19606	19 557 18,60 70 1627 6	929 (1627)
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
HALDEX DB19	SMB	29207	29 207 30,00 41 4581 4	4581
HALDEX DB22 LT	SAE,SMB	29195	29 195 30,00 41 4581 4	4581
HALDEX DB22	SAE,SMB	29120	29 120 30,00 41 4550 4	4550
HALDEX DB22	SMB	29143	29 143 30,00 41 4550 4	4550
KNORR SB/SN5	SAE	29183/29148	29 183 27,00 41 4550 3	4550
KNORR SB/SN6	SAE	29197	29 197 30,00 41 4569 4	4569
KNORR SB/SN6	SMB	29197	29 197 30,00 41 4569 4	4550
KNORR SB/SN7	SAE	29253 (29179)	29 253 30,00 41 4569 4	4569
GFA Gothaer Achsen				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
300 x 80 mm		15077	15 077 16,00 00 1541 8	1541
300 x 100 mm		17347	17 347 17,00 00 1561 8	1541
420 x 120 mm		17377	17 377 18,00 00 1517 8	1541
420 x 180 mm		19032	19 032 17,80 00 1541 8	1541
Hendrickson				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
311 x 178 mm		19783/19784	19 783 14,60 60 1621 6	3658(1621)
335 x 150 mm		17362	17 362 14,50 60 1686 8	3658(1686)
335 x 210 mm		19700	19 700 14,50 60 1647 8	3658(1647)
419 x 178 mm		19036/19037	19 036 18,60 90 1560 6	3658
419 x 219 mm		19369/19370	19 369 18,70 80 1560 6	3658

OE HOMOLOGATIONS

OE-FREIGABEN - HOMOLOGATIONS OE - OMOLOGAZIONI OE - HOMOLOGAÇÕES OE - OE HOMOLOGATIES

AXLE MANUFACTURER	MAIN APPLICATION	WVA	PART NUMBER	MATERIAL
Kässbohrer				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
300 x 200 mm		19568	19 568 18,00 00 1517 8	1517
400 x 150 mm		19168/19169	19 168 19,40 00 1517 6	1517
400 x 200 mm		19166/19167	19 166 19,80 00 1517 6	1517
Kessler Achsen				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
410 x 180 mm	old Version	19723	19 723 18,20 00 1549 8	1549
	new Version	19113	19 113 18,20 00 1549 8	1549
500 x 120 mm	old Version	17237	17 237 17,80 00 1549 8	1549
	new Version	17374	17 374 17,80 00 1549 8	1549
500 x 160 mm	old Version	19687	19 687 17,80 00 1549 8	1549
	new Version	19042	19 042 17,80 00 1549 8	1549
500 x 180 mm	old Version	19690	19 690 17,80 00 1549 8	1549
	new Version	19041	19 041 17,80 00 1549 8	1549
Raba				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
420 x 180 mm		19722/19727	19 722 21,40 00 1561 6	1561
ROR				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
325 x 97 mm		15879	15 879 16,50 60 1649 8	3661 (1649)
325 x 150 mm		17988	17 988 16,20 60 1649 8	3661 (1649)
360 x 143 mm		17017	17 017 16,00 60 1649 8	3661 (1649)
360 x 170 mm		19503	19 503 16,00 60 1637 4	3653 (1637)
360 x 183 mm		19708	19 708 16,25 00 1649 5	3661 (1649)
381 x 178 mm		19384/19385	19 384 18,15 60 3652 5	3652
410 x 175 mm		19090	19 090 18,30 00 1627 8	932
410 x 180 mm		19556/19714/19715	19 714 22,20 60 1642 5	3656 (1642)
410 x 200 mm		59234	59 234 19,10 60 1624 8	3652 (1624)
410 x 200 mm		19553/19716/19717	19 716 22,20 60 1642 5	3656 (1642)
410 x 200 mm		19071	19 071 18,30 00 1627 8	929 (1627)
410 x 255 mm		19068	19 068 18,30 00 1627 8	929 (1627)
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
MERITOR DX195		29155	29 155 27,00 41 4550 4	4550
MERITOR ELSA 195		29169	29 169 30,00 41 4562 4	4562
MERITOR D-ELSA2		29156 (29131)	29 156 30,00 41 4572 4	4572
SAF				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
300 x 80 mm		15077	15 077 16,00 00 1541 8	1541
300 x 150 mm (SN)		19517/19518	19 517 15,70 00 1541 6	1541
300 x 200 mm (SN)		19515/19516	19 515 15,70 00 1541 6	1541
355 x 155 mm (SN)		19912/19913	19 912 18,00 00 1541 6	1541
355 x 200 mm (SN)		19892/19893	19 892 18,00 00 1541 6	1541
367 x 180 mm (SNK)		19479/19480	19 479 20,60 00 1541 6	1561
367 x 200 mm (SNK)		19490/19491	19 490 20,60 00 1541 6	1561
400 x 80 mm		15751	15 751 12,40 60 1517 8	1517
420 x 120 mm		17399	17 399 18,00 00 1517 8	1541
420 x 180 mm (SNF)		19032	19 032 17,80 00 1541 8	1541
420 x 180 mm (SNK)		19283/19284	19 283 20,60 00 1541 6	1541
420 x 200 mm (SNF)		19094	19 094 17,80 00 1541 8	1541
420 x 200 mm (SNK)		19477/19478	19 477 20,60 00 1541 6	1541
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
KNORR SB/SN6...		29197	29 197 30,00 4569 4	4569
KNORR SB/SN7...		29253 (29179)	29 253 30,00 4569 4	4569
S.A.E				
see GIGANT				
SCHMITZ CARGOBULL				
Pads - Scheibenbremsbeläge - Plaquettes de frein - Pastiglie - Pastilhas - Remblokken - Тормозные колодки - Klocki				
KNORR SB/SN7		29253 (29179)	29 253 30,00 41 4569 4	4569
SISU Axles				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
410 x 150 mm		19144/19145	19 144 19,80 00 1561 6	1561
410 x 180 mm		19146/19147	19 146 19,80 00 1561 6	1561
410 x 210 mm		19217/19218	19 217 19,80 00 1561 6	1561
SMB				
see GIGANT				
Trailor				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
300 x 150 mm		19517/19518	19 517 15,70 00 1541 6	1541
355 x 150 mm		19912/19913	19 912 18,00 80 1541 6	1541
419 x 203 mm		19365/19366	19 365 18,70 80 1541 6	1541

AXLE MANUFACTURER	MAIN APPLICATION	WVA	PART NUMBER	MATERIAL
Wabco				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
325 x 97 mm		15817/15823	15 817 12,10 60 1560 3	3652
325 x 147 mm		17900/17901	17 900 12,10 60 1549 3	3652
360 x 170 mm		19503	19 503 16,00 60 1637 4	3653 (1637)
410 x 180 mm		19084/19085/19856	19 084 17,50 00 1616 5	1616
410 x 200 mm		19699/19847/19848	19 699 17,55 00 1616 5	1616
410 x 220 mm		19712/19755	19 712 18,10 00 1616 6	1616
500 x 120 mm		17374	17 374 17,80 00 1549 8	1549
500 x 160 mm		19042	19 042 17,80 00 1549 8	1549
500 x 180 mm		19041	19 041 17,80 00 1549 8	1549
York				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
311 x 178 mm		19783/19784	19 783 14,60 60 1621 6	3658 (1621)
ZF				
Linings - Trommelbremsbeläge - Garnitures - Ceppi - Calços - Remvoeringen - Тормозные накладки - Okładziny				
410 x 160 mm	All buses with-axles	19849/19850	19 849 17,55 00 1616 6	1616
410 x 220 mm	Perrot-drum brakes	19699/19847/19848	19 699 17,55 00 1616 5	1616
410 x 220 mm		19712/19755	19 712 18,10 00 1616 6	1616

BRAKE MANUFACTURER	MAIN APPLICATION	WVA	PART NUMBER	MATERIAL
Brembo				
Disc 19,5”	RVI Bus R312	29072	FCV624	3538
Disc 22,5”	Irisbus 370	29075	FCV801	3450
Disc 22,5”	Irisbus 491	29186	FCV1614	3450
Meritor				
2x68	Volvo	29039	29 039 22,00 40 3422 4	3422
2x68	Iveco, RVI	29067	29 067 22,00 40 3475 4	3475
C-Lisa	Nissan	29099	29 099 25,00 41 4572 4	4572
D3	Mercedes Benz	29083	29 083 28,00 41 3422 4	3422
D3	Setra	29210 (29030)	29 210 28,00 41 4550 4	4550
D3 / Elsa1	MAN Bus up to 80km/h speed max	29210 (29030)	29 210 28,00 41 4567 4	4567
D3 / Elsa1	MAN, MAN Bus up to 100km/h speed max	29210 (29030)	29 210 28,00 41 4568 4	4568
D3 / Elsa1	RVI	29210 (29030)	29 210 28,00 41 4572 4	4572
D-Duco	Volvo Bus	29125	29 125 29,00 41 4567 4	4567
D-Elsa2	MAN Bus up to 80km/h speed max	29156 (29131)	29 156 30,00 41 4567 4	4567
D-Elsa2	MAN, MAN Bus up to 100km/h speed max	29156 (29131)	29 156 30,00 41 4568 4	4568
D-Elsa2	RVI, ROR	29156 (29131)	29 156 30,00 41 4572 4	4572
D-Lisa	Irisbus, Volvo Bus	29090	29 090 28,00 41 4567 4	4567
D-Lisa	Dennis, RVI	29090	29 090 28,00 41 4572 4	4572
DX 195	ROR, Volvo	29155	29 155 27,00 41 4550 4	4550
DX225	Special vehicles	29180	29 180 29,00 41 4562 4	4562
Elsa 195	ROR	29169	29 169 30,00 41 4562 4	4562
Elsa 225-3	Volvo Bus	29218	29 218 29,00 41 4567 4	4567
Haldex				
DB19	Gigant	29207	29 207 30,00 41 4581 4	4581
DB22LT	Gigant, S.A.E., SMB	29195	29 195 30,00 41 4581 4	4581
DB22	Gigant Typ MK IV,MK V	29120	29 120 30,00 41 4550 4	4550
DB22	Gigant Typ MK II, MK III	29143	29 143 30,00 41 4550 4	4550
KNORR Bremse				
ADB 3700	Iveco	29032	29 032 25,00 40 3475 4	3475
ADB 4300	Iveco	29011	29 011 25,00 40 3475 4	3475
SB 7600	Iveco	29196	29 196 30,00 41 4550 4	4550
SB/SN5	MAN, Mercedes Benz, BPW, SAE	29183/29148	29 183 27,00 41 4550 3	4550
SB/SN6	Iveco,Mercedes Benz, Discos, SMB	29197	29 197 30,00 41 4550 4	4550
SB/SN6	MAN	29197	29 197 30,00 41 4568 4	4568
SB/SN6	SAE, SAF	29197	29 197 30,00 41 4569 4	4569
SB/SN7 Pro Tec S®	Iveco,MAN, Mercedes Benz, Discos, SMB	29253 (29179)	29 253 30,00 41 4550 4	4550
SB/SN7	MAN Bus up to 80km/h speed max, Neoplan	29179	29 179 30,00 41 4567 4	4567
SB/SN7 Pro Tec S®	SAE, SAF, Schmitz	29253 (29179)	29 253 30,00 41 4569 4	4569
SK7	Discos	29158	29 158 30,00 41 4550 4	4550
WABCO				
456 F-Ö	DAF,Iveco	29017	29 017 23,00 40 3422 4	3422
1000 V-G	MAN	29055	29 055 22,00 40 4551 4	4551
1600 V-G	Iveco	29077	29 077 27,00 40 1721 3	3475 (1721)
PAN 17	Iveco	29088	29 088 26,00 40 4523 4	4523
PAN 17	MAN	29088	29 088 26,00 40 4568 4	4568
PAN 19-1	Trailer	29159	29 159 30,00 40 4569 4	4569
PAN 22-1	Trailer	29162	29 162 31,00 40 4569 4	4569

RECOMMENDED FRICTION MATERIALS

EMPFOHLENES REIBMATERIAL (MATERIALMISCHUNG) - MATÉRIAUX DE FRICTION RECOMMANDÉS

Brake System Manufacturer	Caliper	WVA reference	Friction Material	OE/OES Approved Material	(Part Number)	(Part Number)
HALDEX	DB19	29207	4581		29 207 30,00 41 4	
	DB19	29207	4581	YES		29 207 30,00 41 4
	DB22	29120	4550	YES		29 120 30,00 41 4
	DB22	29143	4550	YES		29 143 30,00 41 4
	DB22LT	29195	4581	YES		29 195 30,00 41 4
KNORR-BREMSE	SB/SN5	29183 (ex 29115)	4550	YES	29 183 27,00 41 3	
	SB/SN5	29183 (ex 29115)	4550	YES		29 183 27,00 41 3
	SB/SN6	29197 (ex 29094)	4550	YES	29 197 30,00 41 4	
	SB/SN6	29197 (ex 29094)	4550	YES		29 197 30,00 41 4
	SB/SN6	29197 (ex 29094)	4569	YES		29 197 30,00 41 4
	SB/SN6	29197 (ex 29094)	4568	YES	29 197 30,00 41 4	
	SB3745T (SN6)	29165	4575			29 165 30,00 41 4 / 29 165 30,00 42 4
	SB/SN7	29253 (ex 29179)	4550	YES	29 253 30,00 41 4*	
	SB/SN7	29179 (ex 29061)	7083		29 179 30,00 41 4	
	SB/SN7	29253 (ex 29179)	4550	YES		29 253 30,00 41 4*
	SB/SN7	29253 (ex 29179)	4550			
	SB/SN7	29253 (ex 29179)	4569			29 253 30,00 41 4*
	SB/SN7	29179 (ex 29061)	4567	YES		
	SB/SN7	29253 (ex 29179)	4567		29 253 30,00 41 4*	
	SB4345T (SN7)	29167	4575			29 167 30,00 41 4 / 29 167 30,00 42 4
	SK7000	29158	4550	YES		29 158 30,00 41 4
	SB4309T (SK7)	29171	4575			29 171 30,00 41 4 / 29 171 30,00 42 4
	SB7600	29196 (ex 29105)	4550	YES	29 196 30,00 41 4	
MERITOR	C-DUCO	29137	4562		29 137 29,00 41 4	
	C-LISA	29099	4572	YES	29 099 25,00 41 4	
	D-LISA	29090	4572	YES	29 090 28,00 41 4	
	D-LISA	29090	4567	YES		
	D3/D-ELSA1	29210 (ex 29030)	4572	YES	29 210 28,00 41 4	
	D3/D-ELSA1	29210 (ex 29030)	4568	YES	29 210 28,00 41 4	
	D3/D-ELSA1	29210 (ex 29030)	4568	YES		
	D3/D-ELSA1	29210 (ex 29030)	4567	YES		
	D3/D-ELSA1	29210 (ex 29030)	4550	YES		
	D3/D-ELSA1	29083	3422	YES		
	D-ELSA2	29156 (ex 29131)	4572	YES	29 156 30,00 41 4	
	D-ELSA2	29156 (ex 29131)	4572	YES		29 156 30,00 41 4
	D-ELSA2	29156 (ex 29131)	4568	YES	29 156 30,00 41 4	
	D-ELSA2	29156 (ex 29131)	4568	YES		
	D-ELSA2	29156 (ex 29131)	4567	YES		
	D-DUCO	29125	4562		29 125 29,00 41 4	
	D-DUCO	29125	4562			29 125 29,00 41 4
	D-DUCO	29125	4567	YES		
	DLE-DUCO	29151	4550		29 151 29,00 41 4	
	DX195	29155 (ex 29124)	4550	YES		29 155 27,00 41 4
	DX225	29150	4567			
	ELSA195	29169	4562	YES		29 169 30,00 41 4
	ELSA225-1	29203	4567		29 203 29,00 41 4	
	ELSA225-3	29218	4567		29 218 29,00 41 4	
	ELSA225-3	29218	4567	YES		
	EX225H2	29187	4567			
	VGT195	29177	4572		29 177 29,00 41 4	
WABCO	PAN17	29088/29144	4568	YES	29 088 26,00 40 4	
	PAN17	29088	1723		29 088 26,00 40 4	
	PAN17	29088	4523	YES	29 088 26,00 40 4	
	PAN19-1	29159	4568		29 159 30,00 40 4	
	PAN19-1	29159	4569	YES		29 159 30,00 40 4
	PAN19-1	29159	4567			
	PAN19-2	29141/29142	4572		29 142 30,00 40 4	
	PAN22	29154	4550			29 154 30,00 40 4
	PAN22-1	29162	4569	YES		29 162 31,00 40 4

(Part Number)	Typical applications	Comments
	RENAULT Trucks/VOLVO	
	GIGANT	
	FRUEHAUF/GIGANT/SAF	MKII, MKIII
	FRUEHAUF/GIGANT/SAF	MKIV, MODUL-X
	GIGANT	
	MAN TGL, MB Atego	
	BPW, SAE	
	IVECO Eurocargo, MB Atego	
	DISCOS, SMB	
	BPW > 04/2003, GRANNING LYNX, SAE, SAF	
	MAN M2000, MAN TGM	
	BPW 05/2003 > disc Ø 370mm	Tangentially mounted / mit Belagschlüssel
	IVECO Eurocargo, EuroStar, EuroTech, Stralis, MB Actros, MAN TGA, TGS, TGX	* Pro Tec S® version
	SCANIA	Kit includes threaded forks
	DISCOS, SMB	* Pro Tec S® version
29 253 30,00 41 4*	MAN COACHES	* Pro Tec S® version
	BPW > 04/2003, GRANNING LYNX, SAE, SAF, SCHMITZ	* Pro Tec S® version
29 179 30,00 41 4	IVECO My Way, MAN Bus > 80km/h, MB Citaro, MB Integro, Neoplan All Mods	
	DAF XF Series	* Pro Tec S® version / HD option 29 179 30,00 41 4576 4
	BPW 05/2003 > disc Ø 430mm	Tangentially mounted / mit Belagschlüssel
	DISCOS, SAF	
	BPW	Tangentially mounted / mit Belagschlüssel
	IVECO Eurocargo, EuroTech, EuroStar, EuroTrakker	Replace 29 105 30,00 40 4
	VOLVO FL Series	
	NISSAN	
	DENNIS, RVI Magnum, Premium	
29 090 28,00 41 4	VOLVO BUS, IRISBUS	
	RENAULT Trucks Manager, Premium, Magnum	
	MAN F2000, M2000, F90, TGA	Oversize pad 29 053 30,00 41 4
29 210 28,00 41 4	MAN BUS > 100 km/h	Oversize pad 29 053 30,00 41 4
29 210 28,00 41 4	MAN BUS > 80 km/h, DENNIS, KAROSA, IRISBUS (RVI)	Oversize pad 29 053 30,00 41 4
29 210 28,00 41 4	SETRA BUS	Oversize pad 29 053 30,00 41 4
29 083 28,00 41 4	MB O404, MB Tourismo	Oversize pad 29 084 30,00 41 4
	RENAULT Trucks Premium, Magnum	
	ROR	
	ERF ECS/ECX, MAN TGA	
29 156 30,00 41 4	MAN BUS > 100 km/h	
29 156 30,00 41 4	MAN BUS > 80 km/h, KAROSA, IRISBUS (RVI)	
	VOLVO FH Series, FL 618	
	ROR	
29 125 29,00 41 4	VOLVO BUS	
	VOLVO	Lift Axle
	ROR 19.5" & 22.5"	Replace 29 124 27,40 41 4
29 150 30,00 41 4	IVECO CityClass, MENARINI	
	ROR 19.5" & 22.5" 2003 >	
	VOLVO Trucks FL Series (05/06 >) / RENAULT Trucks New Midlum Series 05/06 >	Replace/ersetzt 29 203 29,00 41 4572 4
	VOLVO new FM, FH, FE Series, RENAULT Trucks new Magnum Dxi and Premium	Replace /ersetzt 29 218 29,00 41 4572 4
29 218 29,00 41 4	VOLVO BUS	Replace/ersetzt 29 219 29,00 41 4572 4
29 187 29,00 41 4	OPTARE TEMPO 2006 >	
	RENAULT Magnum, Premium / VOLVO FH	Lift Axle
	MAN	
	DAF, RENAULT TRUCKS	
	IVECO	
	DAF	
	SAF, SMB	
29 159 30,00 40 4	DENNIS BUS, SOR BUS	
	DAF, RENAULT TRUCKS	
	SMB	
	SMB, SAF	

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2 piston caliper 45mm dia.	2-Kolben-Bremssattel 45 mm Durchmesser	Etrier 2 pistons diam. 45	Pinza con 2 pistoni diam. 45mm
2 pistons	2-Kolben	2 pistons	2 pistoni
2WD Van/Wagon	2-Rad-Antrieb / Lieferwagen	2 roues motrices	2 ruote motrici Van/Wagon
3 axle model	3-Achs-Modelle	Modèle 3 essieux	modelli con 3 assali
3. axle	3. Achse	3ème essieu	3° assale
3rd axle fitted to	3. Achse ausgerüstet mit	3ème essieu equipé de	3° assale equipaggiato con
4 pistons	4-Kolben	4 pistons	4 pistoni
4 wheel trailer for BPW axle	4-Rad-Anhänger mit BPW-Achse	Remorque 4 roues avec essieu BPW	rimorchio con assale BPW
4x4 and tipper	4x4 und Kipper	4x4 & benne	4x4 e ribaltabile
ABS disc	Bremsscheibe für ABS	Disque ABS	Disco ABS
ABS disc	scheibe für ABS	Disque ABS	Disco ABS
Air brake	Druckluftbremse	Frein pneumatique	Freno pneumatico
Air suspension	Luftfederung	Suspension pneumatique	Sospensione pneumatica
Air/hydraulic system	Druckluft-/Hydraulik-System	Système pneumatique/hydraulique	Sistema pneumatico/idraulico
All types	alle Typen	Tous types	Tutti i tipi
And tipper	und Kipper	et bennes	E ribaltabile
Articulated bus	Gelenkbus	bus articulé	Bus Articolato
ate system	ATE-system	système ate	impianto ate
Auto Adj	automatische Nachstellung	Ajustement automatique	Autoregolatore
Auxiliary axle	Zusatzachse	Essieu auxiliaire	Assale ausiliario
Axial actuation	Axialantrieb	Mouvement axial	Movimento assiale
Axle	Achse	Essieu	Assale
Axle load	Achslast	Charge par essieu	Carico per assale
Axle models	Achsmodelle	Modèle d'essieu	Modelli assale
Axle trailers	Anhängerachsen	Essieu pour remorque	Assale per rimorchi
Axles with disc brakes	Achsen mit Scheibenbremsen	Essieux avec frein à disques	Assale con disco freno
Boogie axle	Boogie-Achse	essieu	assale
Brake	Bremse	Frein	Freno
Brake pads	Scheibenbremsbeläge	Plaquettes de frein	Pastiglie freno
Build	Bauart	Construit	Costruito
Cast iron brake shoes	Guß-Bremsbacke	Machoîres fonte	Ganasce freno in ghisa
ch. (Chassis)	Chassis/Fahrgestell	Châssis	Telaio
Conical drilling	konische Bohrung	Percage conique	Foratura conica
Coupling flange	Verbindungsflansch	Bride d'accouplement	Flangia di accoppiamento
Cylindrical drilling	zylindrische Bohrung	Percage cylindrique	Foratura cilindrica
Disc	Bremsscheibe	Disque	Disco
Double tyres	Doppelbereifung	Roues jumelées	Ruote gemellate
Drawbars	Zugfahrzeuge	Timons	Con rimorchio
Drum	Trommel	Tambour	Tamburo
Duplex brake	Duplex Bremse	Frein Duplex	Freno Duplex
eaton axle	Eaton-Achse	essieu eaton	assale eaton
Excl.	außer	Sauf	Eccetto
Excl. 4x4	außer 4x4	Sauf 4x4	Eccetto 4x4
For air suspension rear	hinten für Luftfederung	Pour suspension pneumatique arrière	Per sospensioni pneumatiche post
For pneum. wheel suspension	mit pneumatischer Radaufhängung	Pour suspension pneumatique	Per sospensioni pneumatiche
Full air system	Druckluftsystem	Système pneumatique	Sistema pneumatico
FWD (Front wheel drive)	Vorderradantrieb	Traction	Trazione anteriore
Heavy duty	Schwerlastbetrieb	usage sévère	Macchine movimento terra
Holes	Löcher	trous	Fori
Hydraulic brakes	hydraulische Bremsen	Freins hydrauliques	Freni idraulici
Independent wheel suspension	Einzel-Radaufhängung	Roue à suspension indépendante	Ruote a sospensione indipendente
Inner City Bus	Stadtbus	Bus urbain	Autobus urbano
Leading axle	Vorlaufachse	Essieu avant	Asse di trazione
Lift axle with single wheels	Liftachse mit Einzelbereifung	Essieu relevable avec roues simples	Assale rialzabile con ruote indipendenti
Lift axle with twin wheels	Liftachse mit Doppelbereifung	Essieu relevable avec roues jumelées	Assale rialzabile con ruote gemellate
Lightweight axle	Leichtbau-Achse	Essieu léger	Assale leggero
Low loader	Tieflader	Surbaissé	Autocarro a pianale ribassato
Man adj (Manual Adjustment)	manueller Nachsteller	réglage manuel	regolazione manuale
Model	Modell	Modèle	Modello
New version	neue Version/Ausführung	Nouvelle version	Nuova versione
Old version	alte Version/Ausführung	Ancienne version	Vecchia versione
Only	nur	uniquement	Solo
Opt	wahlweise	alternative	alternativa

Pinça de 2 pistões Ø 45mm	Remklauw 2 zuigers 45mm	суппорт с 2 поршнями диаметром 45 мм	Zacisk dwutłokowy średnica 45 mm
2 pistões	2 zuigers	2 поршня	2 tłoki
2x2 Van/Wagon	2WD	фургон/универсал с 1 ведущей осью	2WD Van/Kombi
modelo com 3 eixos	Model met 3 assen	модель с 3 осями	model 3 osiowy
3. eixo	3e as	3 оси	3 oś
3º eixo montado em	3e as uitgerust met	3-я ось смонтирована на	trzecia oś zamocowana do
4 pistões	4 zuigers	4 поршня	4 tłoki
Reboque de 4 rodas para eixo BPW	aanhanger met 4 wielen voor BPW as	4-х колесный прицеп с осью BPW	czterokołowa przyczepa do osi BPW
4x4 e basculante	4x4 en kieper	полноприводный автомобиль (4x4) и самосвал	4 x4 i wywrotki
Disco ABS	Remschijf ABS	диск для моделей с системой ABS	ABS tarcze
Disco ABS	Remschijf ABS	диск для моделей с системой ABS	ABS tarcze
Travão pneumático	Luchtdrukrem	пневматическая тормозная система	hamulec powietrzny
Suspensão pneumática	Luchtvering	пневматическая подвеса	zawieszenie powietrzne
Sistema pneumático/hidráulico	Luchtdruk-/hydraulisch systeem	пневматическая/гидравлическая система	powietrzny/hydrauliczny system
Todos os tipos	Alle types	все типы	Wszystkie typy
E basculante	En kieper	и самосвал	i wywrotki
Autocarro articulado	Harmonicabus	сочлененные автобусы	Autobus przegubowy
sistema ate	Ate systeem	система ATE	system ate
Autorregulação	Automatische nastelling	автоматическая регулировка	Automatyczna regulacja
eixo auxiliar	Hulpas	вспомогательная ось	Oś pomocnicza
Movimento axial	Axiale beweging	привод оси	Sterowanie osiowe
Eixo	As	ось	Oś
Carga por eixo	Asbelasting	нагрузка на ось	Obciążenie osi
Modelos de eixo	Model as	модели осей	Typy osi
Eixos de reboques	Trailer as	осевые прицепы	Osie przyczepy
Eixos com travão de disco	As met remschijven	оси с дисковыми тормозами	Osie z hamulcami tarczowymi
Eixo Boogie	Boogie-as	ось тележки прицепа	Oś Boogie
Travão	Rem	тормоза	Hamulec
Pastilhas de travão	Remblokken	тормозные колодки	Klocki hamulcowe
Construção	Bouwwijze	сделано	Budowa
Maxilas em ferro fundido	Remschoenen gietijzer	чугунные тормозные башмаки	Żeliwne szczęki hamulcowe
Chassis	Ch.	шасси	nadwozie
Furação cónica	Konische boring	коническое сверление	Wiercenie stożkowe
Falange de acoplamento	Koppelschotel	фланец муфты	Łącznik
Furação cilíndrica	Cilindrische boring	цилиндрическое сверление	Wiercenie cylindryczne
Disco	Remschijf	диск	Tarcza
Rodas gémeas	Dubbele wielen	сдвоенные шины	Podwójne opony
Com reboque		сцепные устройства	Dyszle
Tambor	Remtrommel	барабан	Bęben
Travão Duplex	Duplex rem	дуплексный тормозной механизм	Hamulec Duplex
eixo eaton	eaton as	ось Eaton	Oś eaton
Excepto	Excl.	исключение	Wyłączając
Excepto 4x4	Excl. 4x4	за исключением 4x4	Wyłączając 4 x4
Para suspensão pneumática traseira	Voor luchtophanging achter	для задней оси с пневмоподвеской	Dla tylnego zawieszenia powietrznego
Para suspensão pneumática	Voor pneumatische ophanging	для колесной пневмоподвески	Dla pneumatycznego zawieszenia kół
Sistema completo de ar	Luchtdruksysteem	полностью пневматичекая система	Pełny system powietrzny
Tração dianteira	Voorwielaandrijving	FWD (Передний привод)	FWD (Napęd na przednią oś)
Comercial pesado	Heavy duty	тяжелонагруженный (Heavy Duty)	Heavy duty
Furos	Gaten	отверстия	Otwory
Travões hidráulicos	Hydraulische remmen	гидравлическая тормозная система	Hamulce hydrauliczne
Suspensão de rodas independente	Onafhankelijke ophanging	независимая система подвески колеса	Niezależne zawieszenie kół
Autocarro citadino	Stadsbus	городской автобус	Autobus miejski
Eixo de tração	Aandrijfas	ведущая ось	Oś prowadząca
Eixo elevador com rodado simples	Intrekbare as met enkel wiel	подъемная ось с одинарными колесами	Oś unoszona z pojedynczymi kołami
Eixo elevador com rodado duplo	Intrekbare as met dubbel wiel	подъемная ось со спаренными колесами	Oś unoszona z podwójnymi kołami
Eixo leve	Lichtgewicht as	легковесная ось	Oś lekka
Autocarro rebaixado	Dieptelader	низкорамная платформа	Niskopodwoziowa
Regulação manual	Manuele nastelling	ручная регулировка	Regulacja ręczna
Modelo	Model	модель	Model
Versão nova	Nieuwe versie	новая версия	Nowa wersja
Versão antiga	Oude versie	старая версия	Stara wersja
Só	Enkel	только	Tylko
Opção	Opt.	вспомогательный	Opcjonalnie

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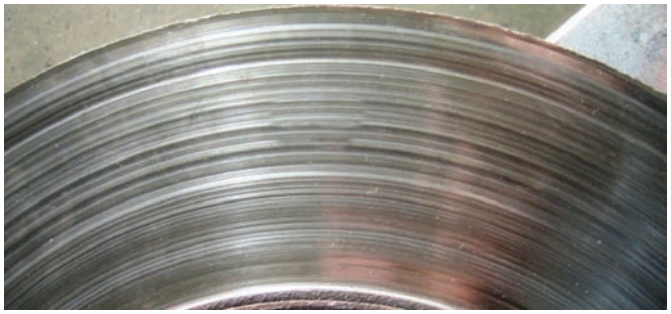
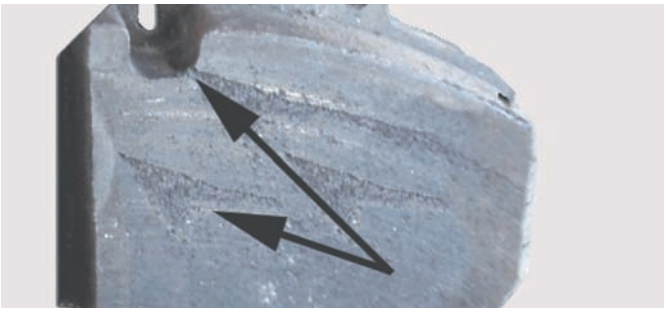
Opt disc	alternative Bremsscheibe	Disque option	imp.alternativo a disco
Opt. heavy duty	wahlweise schwere Ausführung	opt. Usage sévère	Opzione macchine movimento terra
Opt. old version	wahlweise alte Version/Ausführung	Option ancienne version	Opzione vecchia versione
Opt/opt.	wahlweise	Option	Opzione
Oversize	Überstärke	surdimensionné	Maggiorazione
Pads	Scheibenbremsbeläge	Plaquettes de frein	Pastiglie
Pickup/Double Cab	Pickup/Doppelkabine	Pick Up / cabine double	Pickup/Double Cab
Platform	Plattform	Plateforme	Piattaforma
Range	Serie/Reihe	gamme	Gamma
Rigid axle	Starrachse	Essieu rigide	Assale rigido
Rigids & Tipper	Starrachsen & Kipper	Essieux rigides et bennes	Assale rigido e ribaltabile
RWD (Rear Wheel drive)	Hinterradantrieb	Propulsion	Trazione posteriore
S Cam	S-Nocken	S came	S Cam
S-Cam brake	S-Nocken-Bremse	Frein S-Came	Freno S-Cam
Second rear axle	2. Hinterachse	2ème essieu arrière	2° asse posteriore
Series	Serie	Série	Serie
Simplex brake	Simplex-Bremse	Frein simplex	Freno Simplex
Single rear wheel	hinten mit Einzelbereifung	Roue arrière simple	Ruota singola posteriore
Single wheel	Einzelrad	roue simple	Ruota singola
Single wheel base	Rahmen mit Einzelbereifung	Empattement unique	Ruota singola
Single wheels	Einzelbereifung	Roue simple	Ruote singole
Solid	unbelüftet	Plein	Pieno
Solid disc	unbelüftete Scheibe	Disque plein	Disco pieno
Steel brake shoes	Stahlbremsbacken	Machoire acier	Ganasce freno in acciaio
SWB (short wheel base)	kurzer Radstand	SWB	SWB
Tandem-axle	Tandem-Achse	Essieu Tandem	Assale Tandem
Thick	Dicke	epaisseur	Spessore
Tipper/Tippers	Kipper	Benne/Bennes	Ribaltabile
Ton./tonne/tonnes	to.	Tonne/Tonnes	Tonnellate
Tractors	Traktor	Tracteurs	Motrici
Trailer Axle	Anhängerachse	Essieu pour remorque	Assale per rimorchio
Trailers equipped with BPW axles	Anhänger mit BPW-Achsen ausgerüstet	Remorque avec essieu BPW	Rimorchio equipaggiato con assali BPW
Trailing axle	Nachläuferachse	Essieu trainé	Assale condotto
Twin rear wheel	hinten mit Doppelbereifung	Roues arrières jumellées	Ruote posteriori gemellate
Twin wheel	Doppelbereifung	Roues jumelées	Ruote gemellate
Twin wheel base	Rahmen mit Doppelbereifung	Roues jumelées	Ruote gemellate
Twinsteer tractors	Doppellenk-Zugmaschine	Tracteur à deux volants	Doppio assale sterzante
Underfloor-Series	Unterflur-Reihe	plancher bas	Serie Underfloor
Vacuum/hydraulic system	Vakuum-/Hydrauliksystem	système à depression / hydraulique	Depressore idraulico
Vented	belüftet	Ventilé	Ventilato
Ventilated disc	belüftete Scheibe	Disque ventilé	Disco ventilato
W.I. opt. (Wear Indicator optional)	Verschleißsensor wahlweise	T.U. Option	Opzione I.U.
W/Ind (Wear Indicator)	Verschleißsensor	Temoin d'usure	Indicatore d'usura
Wheel	Rad	Roue	Ruota
Wheel opt.	wahlweise Rad	Roue Option	Opzione ruota
Wheel set	Radsatz	Jeux de roues	Set ruota
Wheels/non standard disc	Räder/nicht Standard Scheibe	roues/disques non standards	Ruote/Disco non standard
With air brakes	mit Druckluftbremsen	Avec frein pneumatique	Con freno pneumatico
With air brakes opt.	wahlweise mit Druckluftbremsen	Option avec frein pneumatique	Opzione con freno pneumatico
With compressed air brakes	mit Druckluftbremsen	Avec frein pneumatique	Impianto frenante pneumatico
With hydraulic brakes	mit Hydraulikbremsen	Avec frein hydraulique	Con freno idraulico
With S-Cam brake	mit S-Nockenbremse	Avec frein S-came	Con freno S-Cam
With twin W/I	mit Doppel-Verschleißsensoren	Avec double T.U.	Con doppio I.U.
With W.I holes	mit Verschleißsensor-Bohrung	Avec trous T.U.	Con fori per I.U.
With W.I (wear indicator)	mit Verschleißanzeiger	Avec indicateur d'usure	Con indicatore d'usura
With wear indicator holes	mit Verschleißanzeigerbohrung	Avec trous pour temoins d'usure	Con fori per i.u.
Z-Cam brake	Z-Nocken-Bremse	Frein Z-came	Freno Z-Cam

Disco opc.	Opt. Remschijf	вспомогательный диск	Opcjonalnie tarcze
Opção comercial pesado	Opt. Heavy duty	вспомогательная версия - тяжелонагруженный	Opcjonalnie heavy duty
Opção versão antiga	Opt. Oude versie	вспомогательная старая версия	Opcjonalnie stara wersja
Opção	Optie	вспомогательный	Opcjonalnie/Opcjonalnie
Sobre medida	Overmaat	ремонтный размер	Nadwymiar
Pastilhas	Remblokken	колодки	Klocki
Pick-up/Dupla cabine	Pickup/Dubbele cabine	пикап/с двойной кабиной	Pickup/Wydłużona kabina
Plataforma	Platform	платформа	Platforma
Gama	Gamma	диапазон	Zakres
Eixo rígido	Starre as	неразрезной мост	Oś sztywna
Rígido e basculante	Starre as en kiep	жесткорамный самосвал	Ciężarówki i wywrotki
Tração traseira	Achterwielaandrijving	RWD (задний привод)	RWD (napęd na tylną oś)
S Cam	S-Nok	S-образный разжимной кулачок	S Cam
Travão S-Cam	S-Nok rem	барабанный тормоз с S-образным разжимным кулачком	Hamulec S-Cam
2º eixo traseiro	2de achteras	вторая задняя ось	Druga oś tylna
Séries	Serie	серии	Seria
Travão Simplex	Simplex rem	симплексный тормоз	Hamulec Simplex
Roda simples traseira	Enkel achterwiel	одинарное колесо задней оси	Pojedyncze tylne koła
Roda simples	Enkel wiel	одинарное колесо	Pojedyncze koła
Rodado simples	Enkel wiel	колесная база одинарных колес	Baza kół pojedynczych
Rodas simples	Enkel wiel	одинарные колеса	Pojedyncze koła
Sólido	Vol	невентилируемый	Pełny
Disco sólido	Volle remschijf	невентилируемый диск	Tarcze niewentylowane
Maxilas em aço	Stalen remschoen	стальные тормозные башмаки	Stalowe szczęki hamulcowe
Rodado curto	SWB	SWB (короткая колесная база)	SWB (krótki rozstaw osi)
Eixo Tandem	Tandem as	тандемная ось	Oś tandem
Espessura	Dikte	толстый	Gruby
Basculantes	Kipper	жесткорамный самосвал	Wywrotka/Wywrotki
Tonelada	Ton	тонна/тонн	Ton
Motrizes	Trekkers	седельный тягач	Traktory
Eixo do reboque	As trailer	ось прицепа	Oś przyczepy
Reboques equipados com eixos BPW	Trailers met BWP as	прицепы, оснащенные осями BPW	Przyczepy wyposażone w osie BPW
Eixo atrelado	Vrijlopende as	ось заднего моста	Oś wleczona
Rodas duplas traseiras	Dubbel achterste wiel	спаренные задние колеса	Podwójne tylne koła
Rodas duplas	Dubbel wiel	спаренные колеса	Podwójne koła
Rodado duplo	Dubbel wiel	колесная база спаренных колес	Baza kół podwójnych
Eixo duplo	Trekker dubbele besturing	Седельные тягачи Twinsteer (с синхронным управлением двумя разнесенными мостами)	Traktory twinsteer
Série rebaixada	Underfloor reeks	серии Underfloor (напольные)	Seria Underfloor
Vácuo/hidráulico sistema	Vacuum/hydraulisch systeem	ваккумная/гидравлическая система	Podciśnieniowy/Hydrauliczny system
Ventilado	Geventileerd	вентилируемый	Wentylowany
Disco ventilado	Geventileerde remschijf	вентилируемый тормозной диск	Tarcze wentylowane
Opção com avisador de desgaste	Slijtageindicator	датчик износа - вспомогательное оборудование	Opcjonalnie czujnik zużycia
avisador de desgaste	Slijtageindicator	датчик износа	Czujnik zużycia
Roda	Wiel	колесо	Koło
Roda opcional	Wiel opt.	колесо - вспомогательное оборудование	Opcjonalnie koło
Jogo de rodas	Set wielen	комплект колес	Zestaw koła
Rodas/não normalizadas	Wielen/niet standaard	колеса/нестандартный диск	Koła/ nie standardowe tarcze
Com travões pneumáticos	Met luchtdrukremmen	с пневматической тормозной системой	Z hamulcami powietrznymi
Opção com travão pneumático	Met luchtdrukremmen opt.	с пневатичекой тормозной системой в качестве опции	Opcjonalnie z hamulcami powietrznymi
Com travões a ar comprimido	Met luchtdrukremmen	с пневатичекой тормозной системой	Z ciśnieniowymi hamulcami powietrznymi
Com travões hidráulicos	Met hydraulische remmen	с гидравлической тормозной системой	Z hamulcami hydraulicznymi
Com travão S-Cam	Met S-nok remmen	с барабанным тормозом с S-образным разжимным кулачком	Z hamulcem S-Cam
Com duplo avisador de desgaste	Met dubbele slijtageindicator	со спаренными датчиками износа	Z podwójnym czujnikiem zużycia
Com orifícios para avisadores	Met gaten voor slijtageindicator	с отверстиями для датчиков износа	Z otworami czujnika zużycia
Com avisador de desgaste	Met slijtageindicator	с датчиками износа	Z czujnikiem zużycia
Com orifícios para avisadores	Met gaten voor slijtageindicator	с отверстиями для датчиков износа	Z otworami czujnika zużycia
Travão Z-Cam	Z-nok rem	барабанный тормоз с Z-образным разжимным кулачком	Hamulec Z-Cam

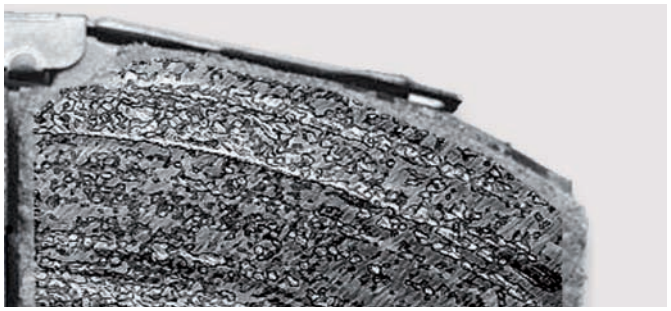
CV TROUBLE TRACER - BRAKE PADS AND DISCS



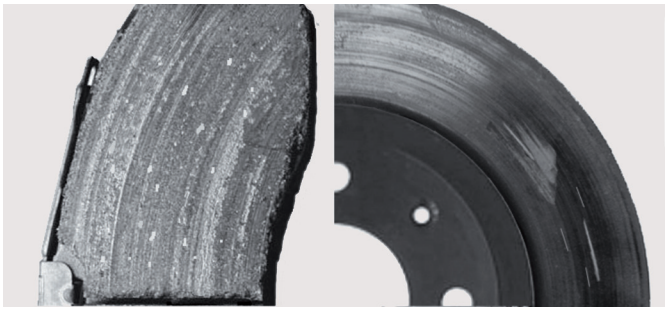
APPEARANCE	Disc featuring scored surface.
CAUSE	Pads fitted with friction material too harsh for the disc or new pads assembled on excessively worn out discs.
EFFECT	Reduction in braking performance and possible inbalance on the affected axle during braking.
REMEDY	• Replace the pads. • Check disc condition and minimum thickness. If necessary, replace the disc. • Check for the quality of the spare parts used.



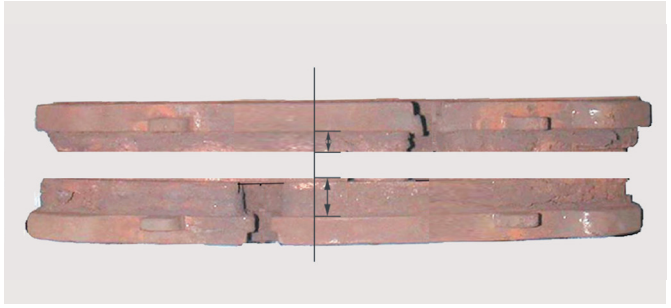
APPEARANCE	Excessively worn out discs and pads.
CAUSE	Possible contamination of the friction material by sand, mud or earth or incomplete return of the caliper gear.
EFFECT	Excessive wear of one or more brake pads, resulting in damage where the pad has not been fitted with a wear indicator.
REMEDY	• Replace the pads. • Check disc condition and minimum thickness. • If necessary, replace both discs on the axle.



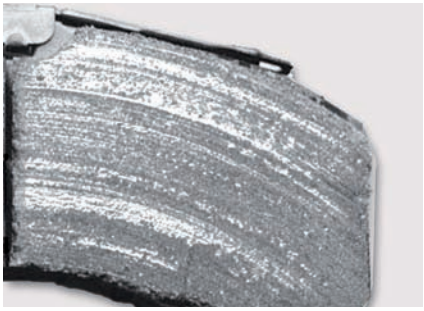
APPEARANCE	Contaminated pad friction material.
CAUSE	Contamination by an oily substance or solvent.
EFFECT	Reduction in braking performance and possible imbalance during braking.
REMEDY	• Replace the pads. • Check the discs on the axle. • Identify any fluid leaks from the hubs or other nearby components.



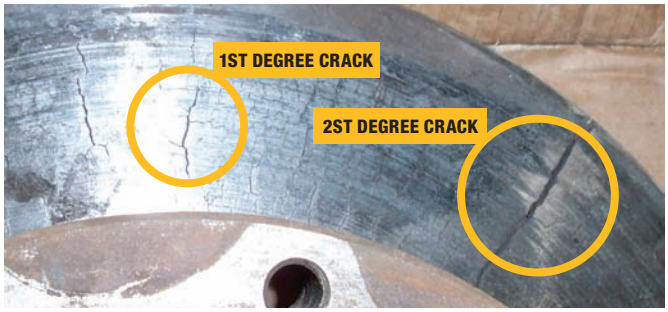
APPEARANCE	Friction includes metal pick-up.
CAUSE	High temperature generated between brake pad and disc in wet conditions.
EFFECT	Wear of the affected brake disc with typical metal rubbing noise during braking.
REMEDY	• Replace the pads. • Check disc condition and minimum thickness. • If necessary, replace both discs on the axle.



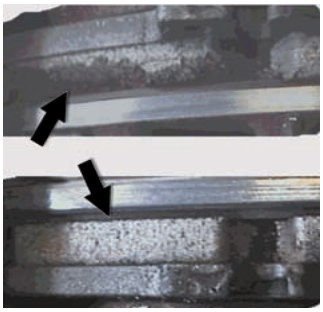
APPEARANCE	Uneven brake pad wear.
CAUSE	One of the calipers has become stuck or does not return correctly to the rest position.
EFFECT	Reduction in braking performance and possible inbalance on the involved axle, during braking.
REMEDY	• Replace the pads. • Brake calipers should be checked.



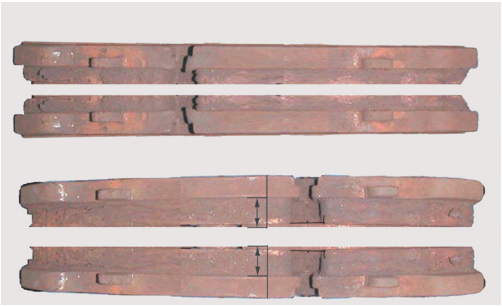
APPEARANCE	Glazed pad friction material.
CAUSE	Very low duty applied on the brakes, i.e. brake applications with low speed and low pressure.
EFFECT	Reduction in braking performance and typical noise (squeal) while braking.
REMEDY	• If glazing is not too heavy can try to recondition the surface by some mileage of medium/hard brake duty, otherwise replace the pads. • Check the disc condition and minimum thickness.



APPEARANCE	Disc surface features 1st and 2nd degree crack.
CAUSE	Too intensive use of brakes due to the track features or to the carried load.
EFFECT	Possible unexpected disc mechanical collapse, particularly with 2nd degree crack.
REMEDY	• Compulsory replacement of brake discs and pads, particularly with 2nd degree crack, when one of the cracks is travelling from OD to ID. • Brake calipers shall be checked.

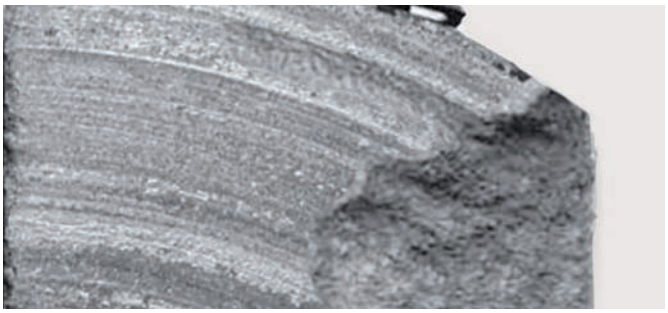


APPEARANCE	Damaged edges to the friction material (edge-crumbling).
CAUSE	Brake pad has become stuck in the caliper. The parts used do not comply with the correct sizes and specifications.
EFFECT	Early pad deterioration and uneven disc wear.
REMEDY	• Replace the pads. • Check for correct caliper operation. • Check disc condition and minimum thickness. • If necessary, replace both discs on the axle.

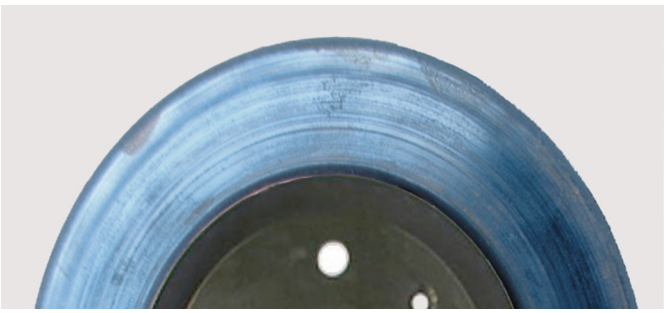


APPEARANCE	Pads on the same axle featuring uneven wear.
CAUSE	Incorrect return of one caliper on the same axle.
EFFECT	If the axle involved is the directional one, this fault may result in vehicle instability during brake release.
REMEDY	• Replace the pads. • Check for the proper caliper operation. • Check disc condition and minimum thickness. • If necessary, replace both discs on the axle.

APPEARANCE	Pad with surface cracks.
CAUSE	Excessive load or high friction material temperature.
EFFECT	Possible detachment of friction material resulting in a reduction in braking performance.
REMEDY	• Replace the pads. • Check for correct caliper operation. • Check disc condition and minimum thickness. • If necessary, replace both discs on the axle.

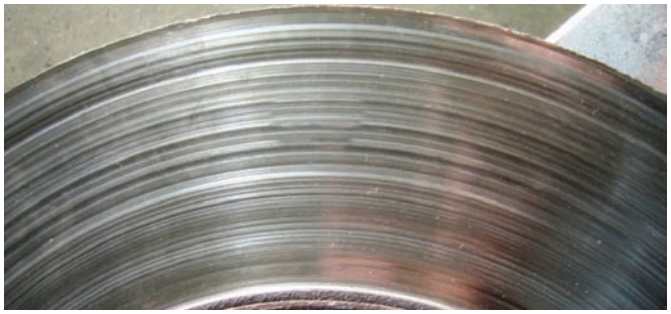


APPEARANCE	Detached friction material.
CAUSE	Possible excessive load or heavy braking, along with the choice of unsuitable parts.
EFFECT	Reduction in braking performance and typical noise (squeal) while braking.
REMEDY	• Replace the pads. • Check the disc condition and minimum thickness. • Despite having a wear indicator, it is necessary to check the pad condition every normal garage brake control visit and/or every six months.



APPEARANCE	Blue stripes on the disc indicating a physical change due to overheating.
CAUSE	Intensive use of brakes for prolonged braking or improper downhill braking.
EFFECT	Brake disc overheating which may result in contact surface distortion and cracks.
REMEDY	• Compulsory replacement of brake discs and pads. • During the first 250 km after replacement, sharp braking should be avoided in order to allow for the correct bedding-in of the newly fitted components.

NUTZFAHRZEUG BREMSSCHEIBEN UND –BELÄGE
TYPISCHE FEHLER BEI BREMSSCHEIBEN UND –BELÄGEN

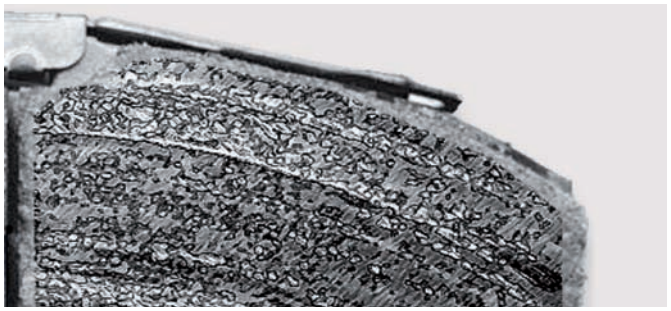


ERSCHEINUNGSBILD Bremsscheibe mit verkratzter Oberfläche.

URSACHE Bremsbeläge mit für diese Bremsscheibe zu rauem Reibmaterial oder neue Bremsbeläge auf zu stark verschlissenen Bremsscheiben montiert.

FOLGEN Verminderte Bremsleistung und ggf. einseitige Bremswirkung der betroffenen Achse.

ABHILFE
- Bremsbeläge wechseln.
- Zustand der Bremsscheibe und Mindeststärke überprüfen. Falls erforderlich die Bremsscheibe auswechseln.
- Qualität der verwendeten Ersatzteile überprüfen.

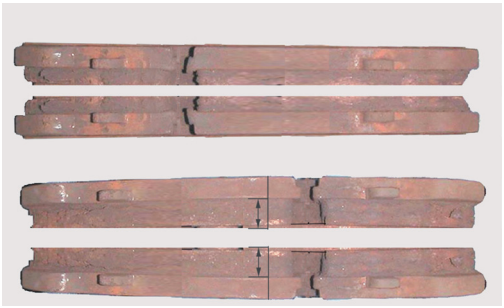


ERSCHEINUNGSBILD Verschmutztes Reibmaterial am Bremsbelag.

URSACHE Verschmutzung mit ölhaltiger Substanz oder Lösungsmittel.

FOLGEN Verminderte Bremsleistung und mögliches Ungleichgewicht beim Bremsen.

ABHILFE
- Bremsbeläge wechseln.
- Die Bremsscheiben an der Achse überprüfen.
- Jegliche Flüssigkeitsleckagen an den Naben oder anderen, sich in deren Nähe befindlichen Komponenten ermitteln.

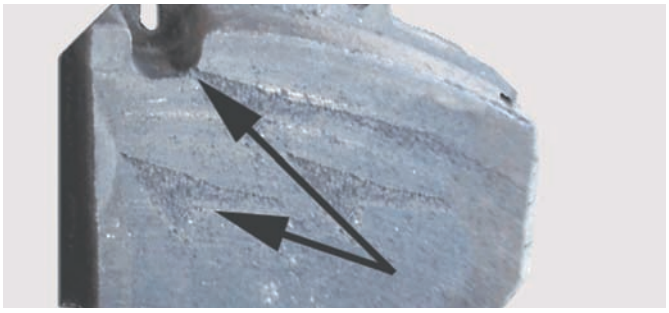


ERSCHEINUNGSBILD An der selben Achse montierte Bremsbeläge weisen einen unterschiedlichen Verschleiß auf.

URSACHE Falscher Rückzug eines, der an der selben Achse vorhandenen Bremssättel.

FOLGEN Handelt es sich bei der betroffenen Achse um die Lenkachse, kann dieser Fehler zu einem instabilen Fahrverhalten beim Loslassen des Bremspedals führen.

ABHILFE
- Bremsbeläge wechseln.
- Funktionstüchtigkeit des Bremssattels überprüfen (Lüftspiel).
- Zustand der Bremsscheibe und Mindeststärke überprüfen.
- Falls erforderlich, beide Bremsscheiben an der Achse auswechseln.

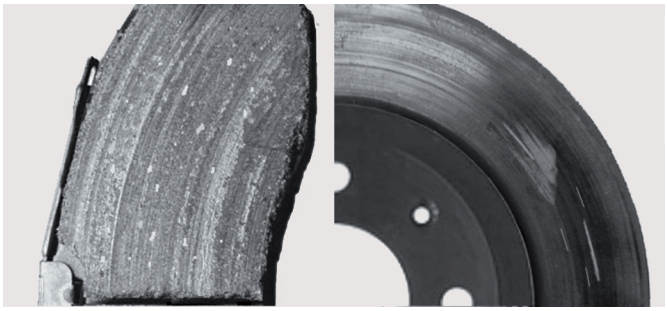


ERSCHEINUNGSBILD Übermäßiger Verschleiß an Bremsscheiben und Bremsbelägen.

URSACHE Mögliche Verschmutzung des Reibmaterials mit Sand, Schlamm oder Erde; unvollständiger Rückzug des Bremssattelmechanismus.

FOLGEN Übermäßiger Verschleiß eines oder mehrerer Bremsbeläge, kann zu Beschädigen führen, wenn die Bremsbeläge über keine Verschleißanzeige verfügen.

ABHILFE
- Bremsbeläge wechseln.
- Zustand der Bremsscheibe und Mindeststärke überprüfen.
- Falls erforderlich, beide Bremsscheiben an der Achse auswechseln.

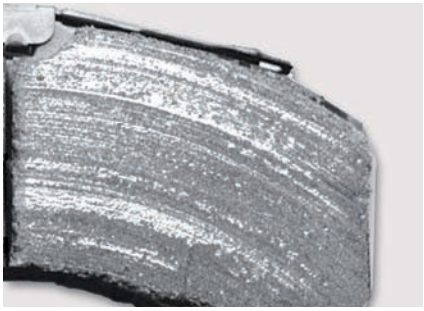


ERSCHEINUNGSBILD Reibmaterial präsentiert hervorstehende Metallpunkte (sog. “Fischchen”).

URSACHE Es kam zu hohen Temperaturen zwischen Bremsbacken und –scheibe im feuchten Zustand.

FOLGEN Verschleiß der betroffenen Bremsscheibe mit typisch reibendem Metallgeräusch beim Abbremse.

ABHILFE
- Bremsbeläge wechseln.
- Zustand der Bremsscheibe und Mindeststärke überprüfen.
- Falls erforderlich, beide Bremsscheiben an der Achse auswechseln.

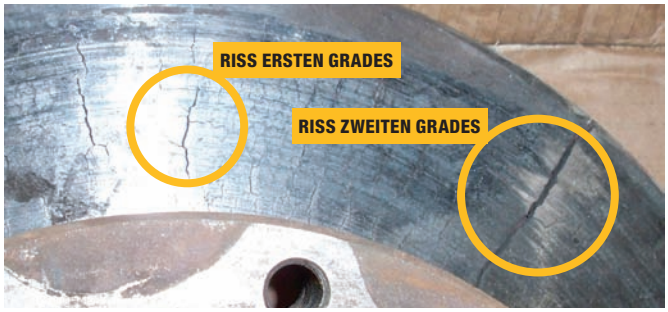


ERSCHEINUNGSBILD Glasige Bremsbeläge

URSACHE Sehr geringe Krafteinwirkung auf die Bremsen, z.B. beim Bremsen bei niedriger Geschwindigkeit und mit niedrigem Betätigungsdruck.

FOLGEN Reduzierung der Bremsleistung und typisches Geräusch (Quietschen) beim Bremsen.

ABHILFE
- Ist die Verglasung als noch nicht zu stark kann versucht werden, die Oberfläche durch einige mittelstarke/starke Bremsbetätigungen wieder herzustellen, andernfalls die Bremsbeläge auswechseln.
- Zustand der Bremsscheibe und Mindeststärke überprüfen.

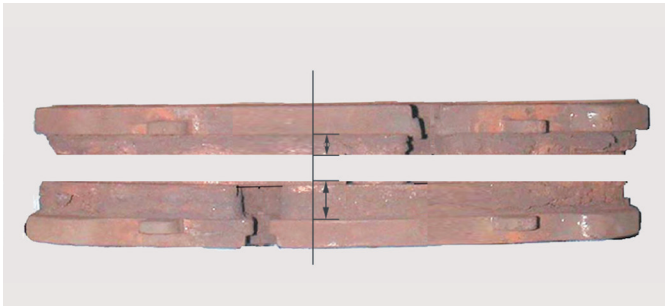


ERSCHEINUNGSBILD Oberfläche der Bremsscheibe weist Risse ersten und zweiten Grades auf.

URSACHE Zu intensiver Einsatz der Bremsen für die Streckenbedingungen und die Ladung.

FOLGEN Möglicher unerwarteter mechanischer Bremsscheibenbruch, insbesondere bei Rissen zweiten Grades.

ABHILFE
- Obligatorischer Austausch von Bremsscheiben und -belägen, vor allem im Fall eines Risses zweiten Grades, wenn einer der Risse vom Außen- zum Innendurchmesser verläuft.
- Die Bremssättel müssen überprüft werden.

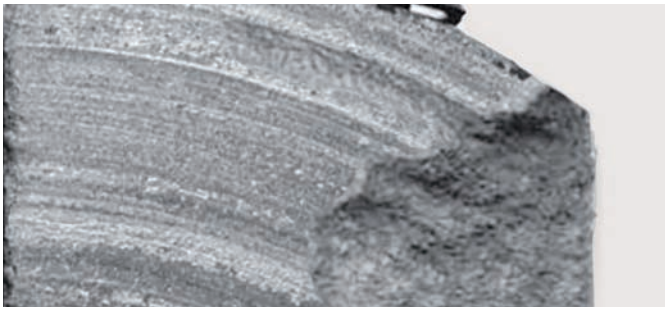


ERSCHEINUNGSBILD Ungleichmäßiger Bremsbelagverschleiß.

URSACHE Einer der Bremssättel hat sich verklemmt oder zieht sich nicht mehr korrekt in seine Ruheposition zurück.

FOLGEN Reduzierte Bremsleistung und mögliches Ungleichgewicht an der betroffenen Achse während dem Bremsvorgang.

ABHILFE
- Bremsbeläge wechseln.
- Die Bremssättel müssen überprüft werden; Lüft spiel kontrollieren.

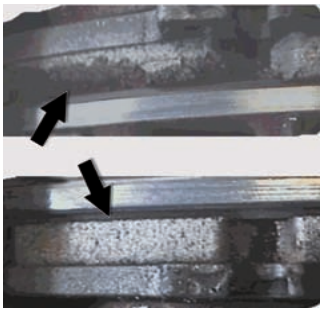


ERSCHEINUNGSBILD Losgelöstes Reibmaterial.

URSACHE Mögliche übermäßige Belastung oder ungeeignetes Reibmaterial (minderwertige Beläge).

FOLGEN Reduzierung der Bremsleistung und typisches Geräusch (Quietschen) beim Bremsen.

ABHILFE
- Bremsbeläge wechseln.
- Zustand der Bremsscheibe und Mindeststärke überprüfen.
- Trotz einer Verschleißanzeige, ist es notwendig, dass der Bremsbelag bei jeder normale Werkstattinspektion und/oder alle sechs Monate überprüft wird.



ERSCHEINUNGSBILD Beschädigte Ränder des Reibmaterials (abbröckelnde Ränder).

URSACHE Bremsbelag hat sich im Bremssattel verklemmt. Verwendete Teile stimmen nicht mit den korrekten Maßen und Spezifikationen überein.

FOLGEN Frühzeitige Bremsbelagabnutzung und ungleichmäßiger Bremsscheibenverschleiß.

ABHILFE
- Bremsbeläge wechseln.
- Funktionstüchtigkeit des Bremssattels überprüfen.
- Zustand der Bremsscheibe und Mindeststärke überprüfen.
- Falls erforderlich, beide Bremsscheiben an der Achse auswechseln.

ERSCHEINUNGSBILD Bremsbeläge mit Oberflächenkratzern.

URSACHE Übermäßige Belastung oder hohe Temperatur des Reibmaterials.

FOLGEN Mögliches Ablösen des Reibmaterials, was zu einer Verringerung der Bremsleistung führt.

ABHILFE
- Bremsbeläge wechseln.
- Funktionstüchtigkeit des Bremssattels überprüfen.
- Zustand der Bremsscheibe und Mindeststärke überprüfen.
- Falls erforderlich, beide Bremsscheiben an der Achse auswechseln.

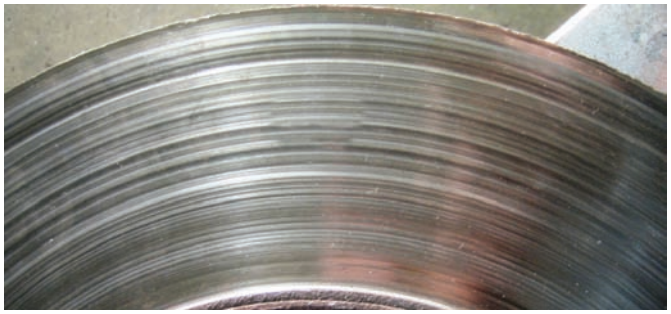
ERSCHEINUNGSBILD Blaue Streifen an der Bremsscheibe; deutlicher Hinweis auf eine physikalische Veränderung durch Überhitzung.

URSACHE Intensiver Einsatz der Bremsen aufgrund einer längeren Bremsbetätigung oder einer unangemessenen Abbremsung auf Gefälle.

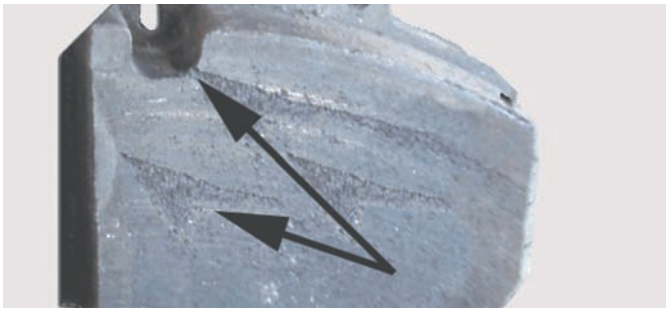
FOLGEN Überhitzung der Bremsscheibe, die zu einem Verzug der Kontaktfläche und Rissen führen kann.

ABHILFE
- Obligatorischer Austausch von Bremsscheiben und –belägen.
- Auf den ersten 250 km nach dem Ersatz sollten scharfe Abbremsungen vermieden werden, um eine korrektes Einlaufen der neu eingebauten Komponenten zu ermöglichen.

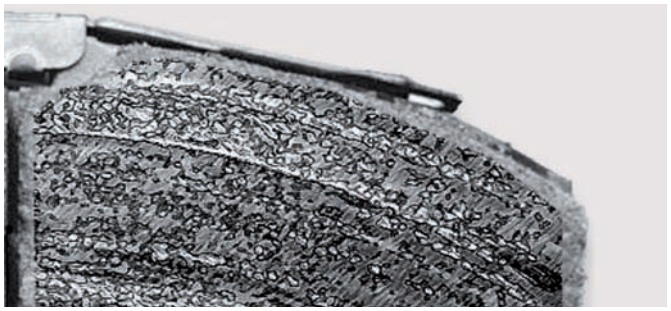
TABLEAU D'ANALYSE DES AVARIES
PLAQUETTES ET DISQUES DE FREIN



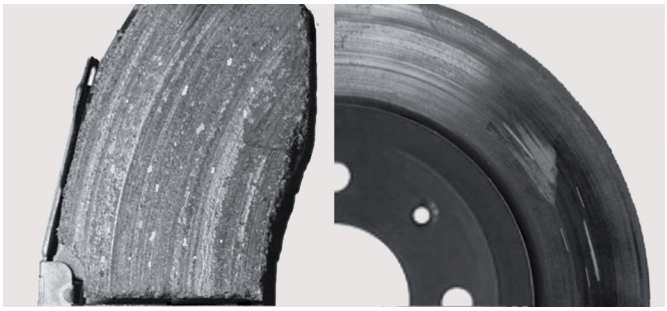
ASPECT	Le disque présente une surface rayée.
CAUSE	Plaquettes montées avec du matériau de friction trop dur pour le disque ou plaquettes neuves montées sur des disques trop usés.
CONSÉQUENCE	Freinage moins efficace et déséquilibre possible de l'essieu concerné au cours du freinage.
SOLUTION	• Remplacer les plaquettes. • Contrôler l'état et l'épaisseur minimum du disque. Remplacer le disque si nécessaire. • Contrôler la qualité des pièces détachées utilisées.



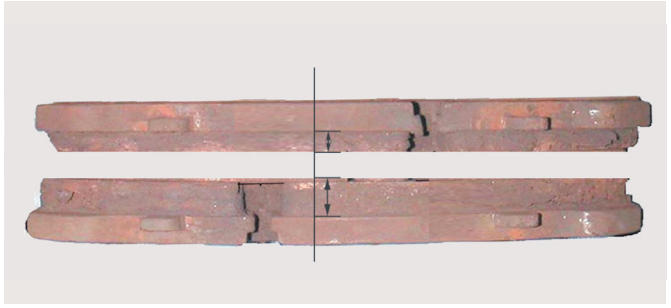
ASPECT	Disques et plaquettes de frein trop usés.
CAUSE	Contamination possible du matériau de friction provoquée par du sable, de la boue, de la terre ou retour incomplet du mécanisme d'étrier.
CONSÉQUENCE	Usure excessive d'une ou de plusieurs plaquettes, provoquant des dégâts lorsque la plaquette a été montée sans témoin d'usure.
SOLUTION	• Remplacer les plaquettes. • Contrôler l'état et l'épaisseur minimum du disque. • Remplacer les deux disques sur l'essieu si nécessaire.



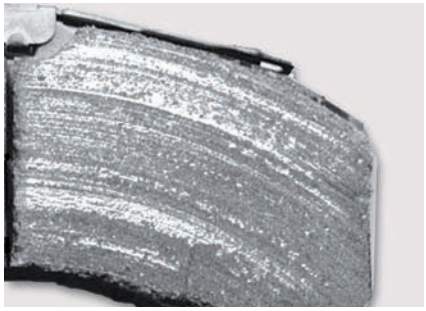
ASPECT	Matériau de friction des plaquettes contaminé.
CAUSE	Contamination produite par une substance huileuse ou du solvant.
CONSÉQUENCE	Freinage moins efficace et déséquilibre possible au cours du freinage.
SOLUTION	• Remplacer les plaquettes. • Contrôler les disques sur l'essieu. • Vérifier toute fuite de fluide en provenance des moyeux ou d'autres composants à proximité.



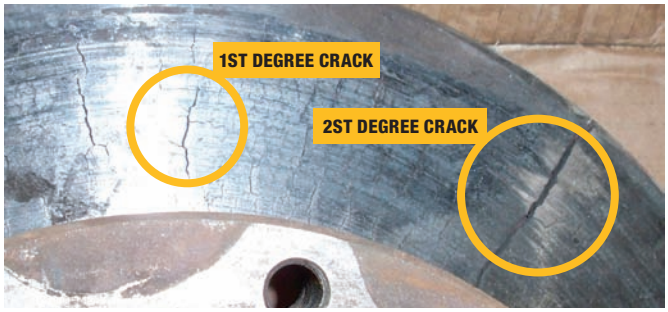
ASPECT	Transfert de métal par usure (ou métal incrusté) sur la surface de friction.
CAUSE	De petites particules métalliques se détachent de la surface du disque pendant le freinage, celles-ci disparaissent sous l'effet de la chaleur intense sauf dans des conditions très humides.
CONSÉQUENCE	Usure du disque de frein concerné avec un bruit typique de frottement métallique au freinage.
SOLUTION	• Remplacer les plaquettes. • Contrôler l'état et l'épaisseur minimum des disques. • Remplacer les deux disques sur l'essieu si nécessaire.



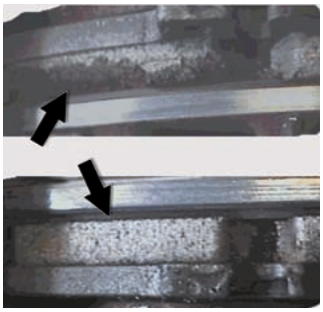
ASPECT	Usure irrégulière des plaquettes.
CAUSE	Un étrier est bloqué ou ne revient pas correctement en position de repos.
CONSÉQUENCE	Freinage moins efficace et déséquilibre possible de l'essieu concerné au cours du freinage.
SOLUTION	• Remplacer les plaquettes. • Contrôler les étriers de frein.



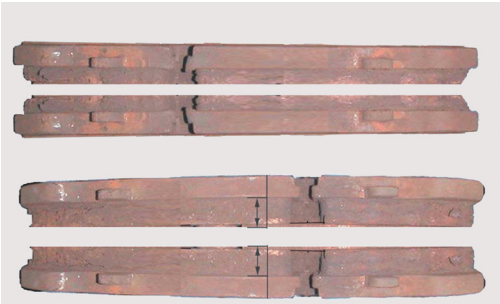
ASPECT	Matériau de friction des plaquettes d'aspect satiné.
CAUSE	Utilisation trop faible des freins, c.à.d. utilisation des freins à basse vitesse et avec une pression faible exercée sur la pédale.
CONSÉQUENCE	Freinage moins efficace et bruit typique (grincement) au freinage.
SOLUTION	• Si l'aspect satiné n'est pas excessif, essayer de remettre la surface en état en utilisant les freins, pendant quelques kilomètres, de manière moyenne à intensive, sinon remplacer les plaquettes. • Contrôler l'état et l'épaisseur minimum des disques.



ASPECT	La surface des disques présente des cassures de niveau 1 et 2.
CAUSE	Utilisation trop intensive des freins à cause des caractéristiques de la route ou d'une charge transportée trop lourde.
CONSÉQUENCE	Défaillance mécanique intempestive du disque, tout particulièrement s'il y a une cassure de niveau 2.
SOLUTION	• Remplacer impérativement les disques et les plaquettes de frein, notamment en présence de cassures de niveau 2 si l'une d'entre elles s'étend du diam. ext. au diam. int. • Contrôler les étriers de frein.

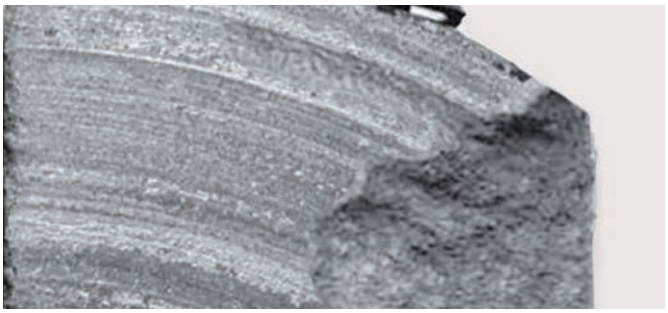


ASPECT	Détérioration périphérique du matériau de friction.(Effritement des bords).
CAUSE	La plaquette de frein s'est collée à l'étrier.Les pièces utilisées n'ont pas les bonnes dimensions et ne sont pas conformes au cahier des charges constructeur.
CONSÉQUENCE	Détérioration prématurée des plaquettes et usure irrégulière des disques.
SOLUTION	• Remplacer les plaquettes. • Contrôler le bon fonctionnement des étriers. • Contrôler l'état et l'épaisseur minimum des disques. • Remplacer les deux disques de l'essieu si nécessaire.

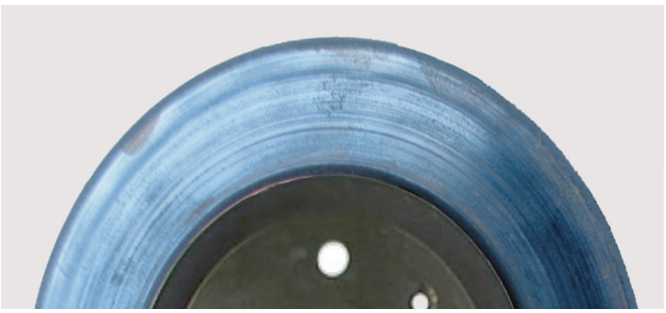


ASPECT	Usure irrégulière des plaquettes du même essieu.
CAUSE	Retour incorrect d'un étrier sur le même essieu.
CONSÉQUENCE	Si l'essieu concerné est celui directionnel, ce défaut peut entraîner l'instabilité du véhicule au relâché des freins.
SOLUTION	• Remplacer les plaquettes. • Contrôler le bon fonctionnement de l'étrier. • Contrôler l'état et l'épaisseur minimum des disques. • Remplacer les deux disques sur l'essieu si nécessaire.

ASPECT	Présence de fissures sur la surface des plaquettes.
CAUSE	Charge excessive ou température élevée du matériau de friction.
CONSÉQUENCE	Arrachement éventuel du matériau de friction, produisant un freinage moins efficace.
SOLUTION	• Remplacer les plaquettes. • Contrôler le bon fonctionnement des étriers. • Contrôler l'état et l'épaisseur minimum des disques. • Remplacer les deux disques de l'essieu si nécessaire.

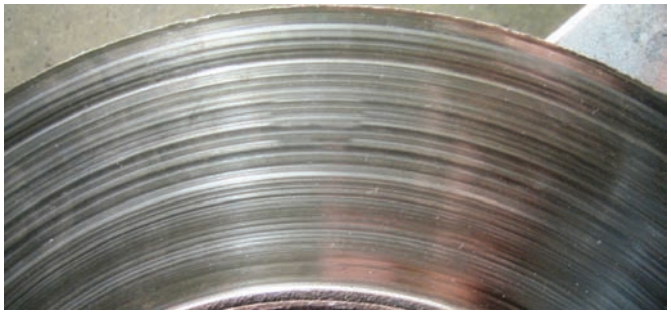


ASPECT	Matériau de friction détaché.
CAUSE	Charge excessive ou utilisation intensive des freins, choix de pièces inadaptées.
CONSÉQUENCE	Freinage moins efficace et bruit typique (grincement) au freinage.
SOLUTION	• Remplacer les plaquettes. • Contrôler l'état et l'épaisseur minimum des disques. • Malgré la présence du témoin d'usure, il faut également faire contrôler à l'atelier l'état des plaquettes à chaque révision de routine des freins et/ou tous les six mois.

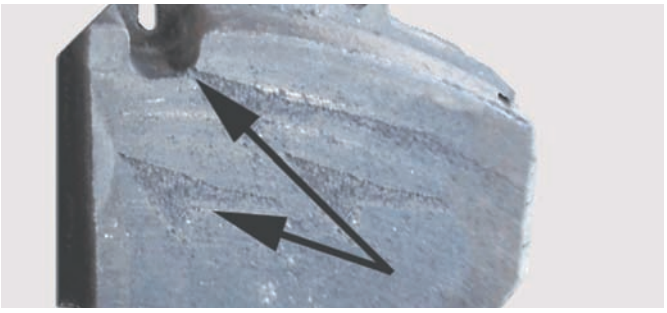


ASPECT	Bandes bleues sur le disque indiquant une usure provoquée par la surchauffe.
CAUSE	Utilisation intensive des freins lors des freinages prolongés ou freinage incorrect en descente.
CONSÉQUENCE	Surchauffe du disque de frein pouvant provoquer une déformation ou des fissures sur la surface de contact.
SOLUTION	• Le remplacement des disques et des plaquettes de frein est impératif. • Au cours des 250 premiers km suivant le remplacement, éviter de freiner brutalement afin de permettre un rodage correct des composants neufs montés.

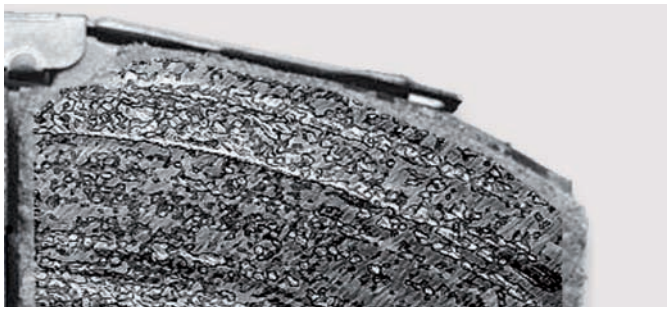
LISTA ANOMALIE PASTIGLIE FRENO AUTOCARRO



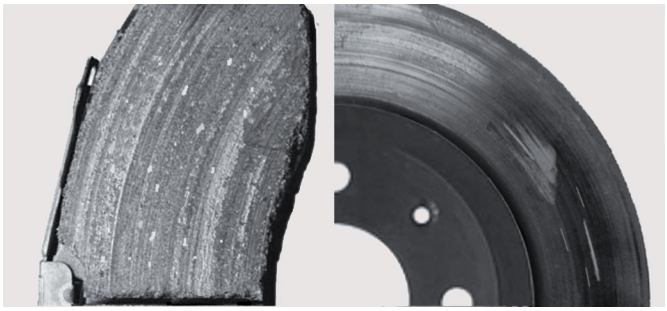
ASPETTO	Disco con superficie ruvida a grana caratteristica.
CAUSA	Pastiglie dotate di materiale di attrito troppo aggressivo verso il disco oppure pastiglie nuove montate su dischi eccessivamente usurati.
EFFETTO	Riduzione dell'efficacia frenante e possibile sbilanciamento in frenata sull'asse interessato.
AZIONE	• Sostituire le pastiglie. • Controllare lo stato e le dimensioni minime dei dischi. Se necessario, sostituire il disco. • Controllare la qualità dei ricambi utilizzati.



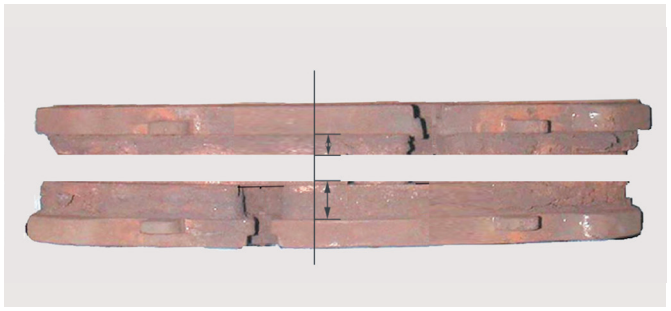
ASPETTO	Disco e pastiglie eccessivamente consumati.
CAUSA	Possibile inclusione di materiale sabbioso, fango o terra, in materiale di attrito o ritorno non completo del meccanismo pinza.
EFFETTO	Eccessivo consumo di una o più pastiglie con possibile danneggiamento del disco qualora la pastiglia non disponga di indicatore di consumo.
AZIONE	• Sostituire le pastiglie. • Controllare lo stato e le dimensioni minime dei dischi. • All'occorrenza, sostituire entrambi i dischi sull'asse.



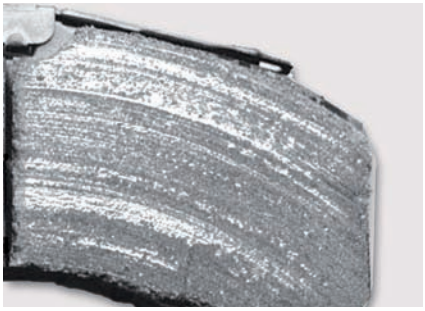
ASPETTO	Materiale di attrito pastiglie inquinato.
CAUSA	Contaminazione dovuta a sostanza oleosa o solvente.
EFFETTO	Ridotta efficacia frenante e possibile sbilanciamento in frenata.
AZIONE	• Sostituire le pastiglie. • Controllare i dischi sull'asse. • Individuare eventuali perdite di lubrificante dai mozzi o da altro organo adiacente.



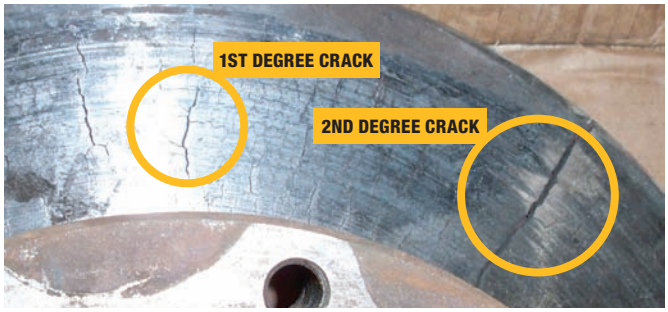
ASPETTO	Materiale metallico incluso in materiale di attrito.
CAUSA	Alta temperatura generata tra pattino e disco in condizioni ambientali umide.
EFFETTO	Consumo del disco freno interessato con rumore caratteristico di sfregamento metallico in frenata.
AZIONE	• Sostituire le pastiglie. • Controllare lo stato e le dimensioni minime dei dischi. • All'occorrenza, sostituire entrambi i dischi sull'asse.



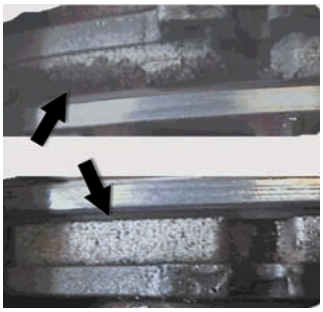
ASPETTO	Consumo irregolare delle pastiglie freno.
CAUSA	Una delle pinze si blocca o ha un cattivo ritorno in posizione di riposo.
EFFETTO	Ridotta efficacia frenante e possibile sbilanciamento in frenata sull'asse interessato.
AZIONE	• Sostituire le pastiglie. • Si consiglia controllo e revisione delle pinze freno.



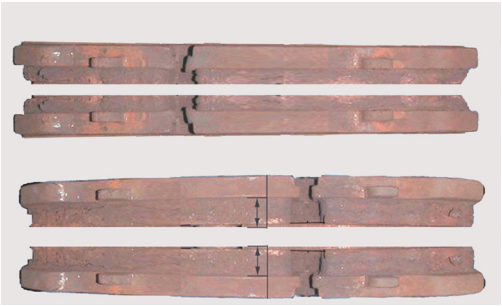
ASPETTO	Pastiglia con materiale cristallizzato.
CAUSA	Carico esiguo applicato sui freni, a bassa velocità e con bassa pressione.
EFFETTO	Ridotta efficacia frenante e rumorosità caratteristica (stridio-fischio) all'utilizzo.
AZIONE	• Se la cristallizzazione non è troppo spessa, tentare di ricondizionare la superficie con frenate medie/sost • Controllare lo stato e le dimensioni minime dei dischi.



ASPETTO	Disco con superficie lesionata di grado 1 e 2.
CAUSA	Utilizzo intensivo dei freni dovuto al percorso o al carico trasportato.
EFFETTO	Possibile rottura del disco senza alcun preavviso.
AZIONE	• Sostituzione obbligatoria di dischi e pastiglie dei freni, in particolare con lesioni di 2° grado che si diramano dall'esterno verso l'interno. • Controllare le pinze freno.

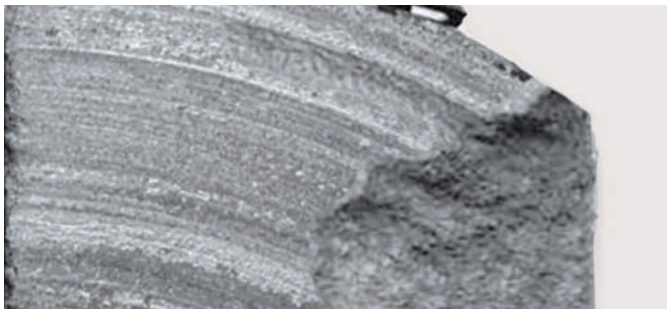


ASPETTO	Bordo materiale di attrito pastiglie lesionato.
CAUSA	La pastiglia freno si blocca all'interno della pinza. Ricambi utilizzati non conformi alle dimensioni o alle specifiche corrette.
EFFETTO	Deterioramento prematuro pastiglie e consumo irregolare dischi.
AZIONE	• Sostituire le pastiglie. • Controllare il corretto funzionamento delle pinze. • Controllare lo stato e lo spessore dei dischi. • All'occorrenza, sostituire entrambi i dischi sull'asse.

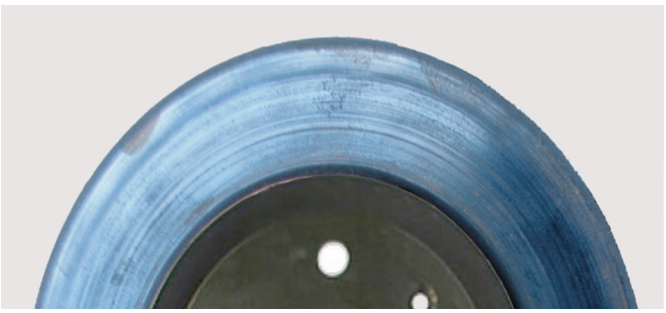


ASPETTO	Pastiglie su uno stesso asse con consumo irregolare.
CAUSA	Ritorno non corretto di una pinza sullo stesso asse.
EFFETTO	Se l'asse è quello direzionale, possibile instabilitàdel mezzo nel rilascio dei frenie.
AZIONE	• Sostituire le pastiglie. • Controllare il corretto funzionamento delle pinze. • Controllare lo stato e lo spessore dei dischi. • All'occorrenza, sostituire entrambi i dischi sull'asse.

ASPETTO	Materiale di attrito pastiglie lesionato.
CAUSA	Eccessivo carico trasportato o alta temperatura del materiale di attrito.
EFFETTO	Possibile distacco del materiale di attrito con riduzione dell'efficacia frenante.
AZIONE	• Sostituire le pastiglie. • Controllare il corretto funzionamento delle pinze. • Controllare lo stato e lo spessore dei dischi. • All'occorrenza, sostituire entrambi i dischi sull'asse.

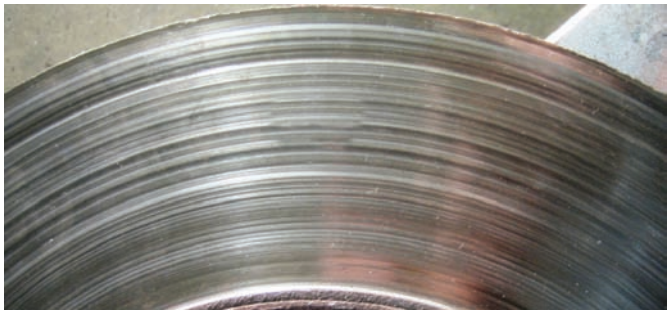


ASPETTO	Materiale di attrito pastiglie distaccato.
CAUSA	Possibile carico eccessivo o frenate molto pesanti unite a una non corretta scelta ricambi.
EFFETTO	Ridotta efficacia frenante e rumorosità caratteristica (stridio-fischio) all'utilizzo.
AZIONE	• Sostituire le pastiglie. • Controllare lo stato e le dimensioni minime dei dischi. • Pur disponendo di un indicatore di consumo, verificare le condizioni delle pastiglie ad ogni normale controllo dei freni e/o ogni sei mesi.

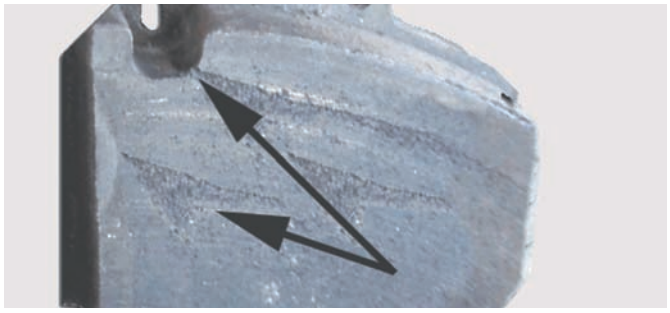


ASPETTO	Disco con macchie bluastre che ne indicano una modificazione in funzione della temperatura.
CAUSA	Uso intensivo dei freni per frenate di rallentamento prolungate o improprie in discesa.
EFFETTO	Stress termico del disco freno con possibile deformazione della planarità delle superfici e innesco di cricche.
AZIONE	• Sostituzione obbligatoria di dischi e pastiglie. • Per i primi 250 km dopo la sostituzione, si consiglia di moderare le frenate per stabilizzare i nuovi materiali installati.

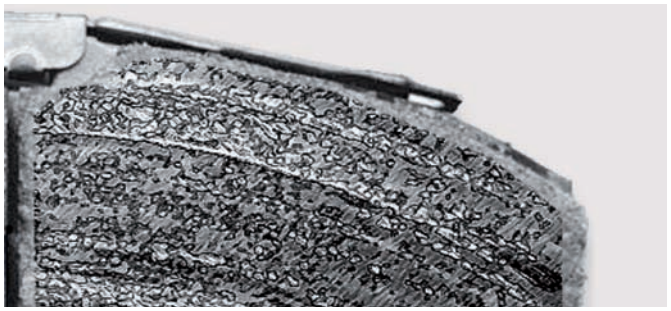
GUIA PARA A IDENTIFICAÇÃO E RESOLUÇÃO DOS PROBLEMAS PASTILHAS DO TRAVÃO E DISCOS



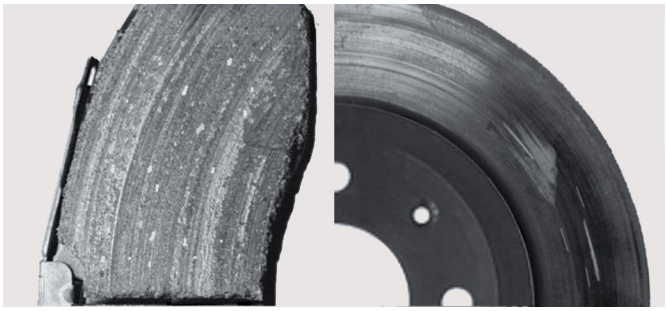
APARÊNCIA	Disco com superfície marcada.
CAUSA	Pastilhas equipadas com material de fricção demasiado duro para o disco ou pastilhas novas são montadas em discos excessivamente desgastados.
RESULTADO	Redução no desempenho da travagem e possível desequilíbrio no eixo envolvido, durante a travagem.
SOLUÇÃO	• Substitua as pastilhas. • Controle o estado do disco e a espessura mínima. Se necessário, substitua o disco. • Controle a qualidade das peças de reposição usadas.



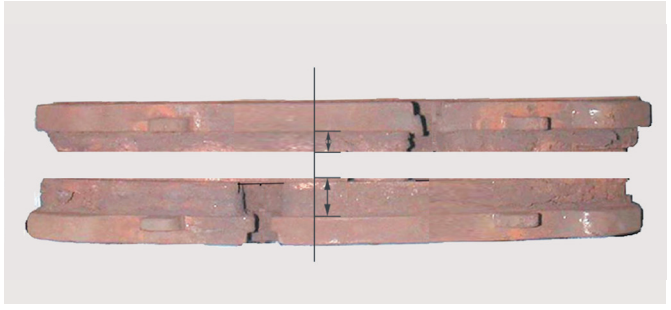
APARÊNCIA	Discos e pastilhas excessivamente desgastados.
CAUSA	Possível contaminação do material de fricção por areia, lama ou terra ou retorno incompleto da engrenagem da pinça.
RESULTADO	Desgaste excessivo de uma ou mais pastilhas do travão, resultando ser um problema quando a pastilha não for equipada com um indicador de desgaste.
SOLUÇÃO	• Substitua as pastilhas. • Controle o estado do disco e a espessura mínima. • Se necessário, substitua ambos os discos no eixo.



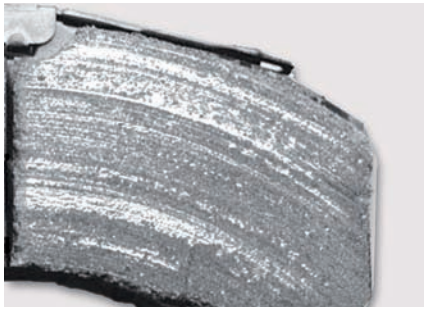
APARÊNCIA	Material de fricção da pastilha contaminado.
CAUSA	Contaminação por uma substância oleosa ou solvente.
RESULTADO	Redução no desempenho da travagem e possível desequilíbrio durante a travagem.
SOLUÇÃO	• Substitua as pastilhas. • Controle os discos no eixo. • Identifique qualquer vazamento de fluido na sede da roda ou em outros componentes próximos.



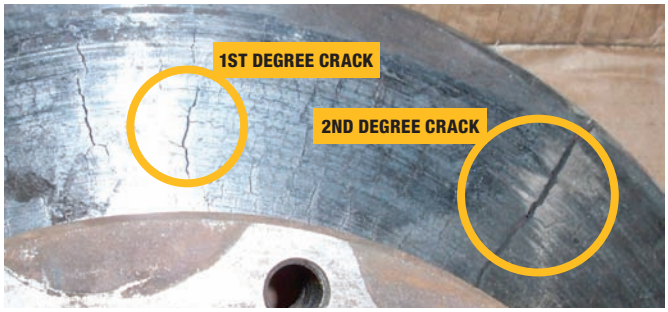
APARÊNCIA	O material de fricção inclui partes de metal do disco.
CAUSA	Alta temperatura gerada entre a pastilha do travão e o disco em condições de chuva ou humidade elevada.
RESULTADO	O disco afectado por este problema produz o ruído típico de metal estridente durante a travagem.
SOLUÇÃO	• Substitua as pastilhas. • Controle o estado do disco e a espessura mínima. • Se necessário, substitua ambos os discos no eixo.



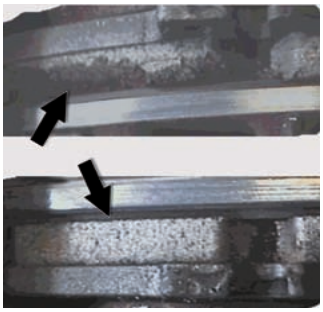
APARÊNCIA	Desgaste irregular da pastilha do travão.
CAUSA	Uma das pinças ficou presa ou não retorna correctamente para a posição de repouso.
RESULTADO	Redução no desempenho da travagem e possível desequilíbrio no eixo envolvido, durante a travagem.
SOLUÇÃO	• Substitua as pastilhas. • As pinças do travão devem ser controladas.



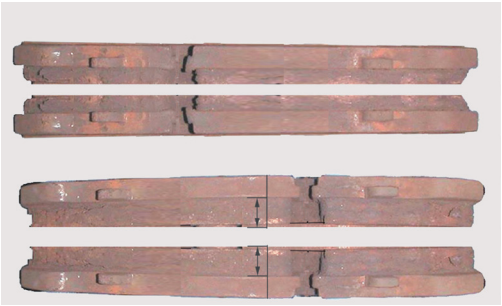
APARÊNCIA	Material de fricção da pastilha vidrado.
CAUSA	Força muito baixa aplicada nos travões, ou seja, travagens com velocidade e pressão baixas.
RESULTADO	Redução no desempenho de travagem e ruído típico (guincho) durante a travagem.
SOLUÇÃO	• Se o envidraçamento não é demasiado intenso, pode tentar recondicionar a superfície por alguns quilómetros com travagem média/dura, caso contrário substitua as pastilhas. • Controle o estado do disco e a espessura mínima.



APARÊNCIA	A superfície do disco apresenta 1° e 2° grau de fissura.
CAUSA	Uso demasiado intensivo dos travões, devido à carga rebocada ou à pesada carga transportada.
RESULTADO	Possível colapso mecânico inesperado do disco, particularmente com 2° grau de fissura.
SOLUÇÃO	• Substituição obrigatória de discos de travão e pastilhas, particularmente com 2° grau de fissura, quando uma das fissuras se desloca de dentro para fora. • As pinças do travão devem ser controladas.

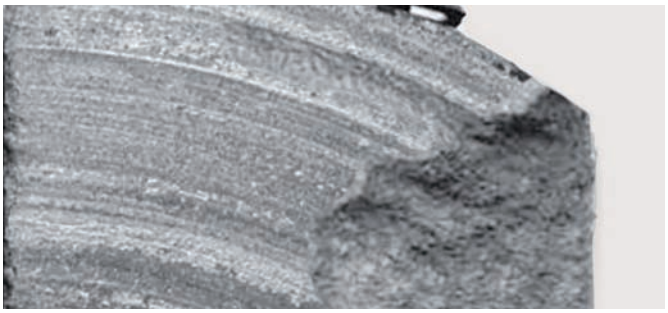


APARÊNCIA	Bordas danificadas no material de fricção.(desintegração da borda).
CAUSA	A pastilha do travão ficou presa na pinça.As peças usadas não respeitam os tamanhos e as especificações correctos.
RESULTADO	Deterioração precoce da pastilha e desgaste irregular do disco.
SOLUÇÃO	• Substitua as pastilhas. • Controle o funcionamento correcto da pinça. • Controle o estado do disco e a espessura mínima. • Se necessário, substitua ambos os discos no eixo.

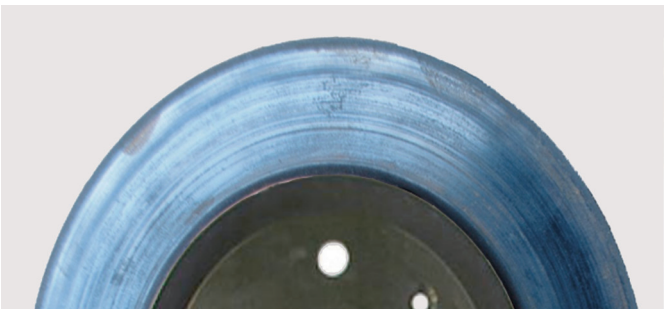


APARÊNCIA	Pastilhas no mesmo eixo apresentando desgaste irregular.
CAUSA	Retorno incorrecto de uma pinça no mesmo eixo.
RESULTADO	Se o eixo envolvido é o direccional, esta falha pode resultar em instabilidade do veículo ao libertar o travão.
SOLUÇÃO	• Substitua as pastilhas. • Controle o funcionamento correcto da pinça. • Controle o estado do disco e a espessura mínima. • Se necessário, substitua ambos os discos no eixo.

APARÊNCIA	Pastilha com fissuras na superfície.
CAUSA	Carga em excesso ou alta temperatura do material de fricção.
RESULTADO	Possível destacamento do material de fricção, resultando numa redução do desempenho da travagem.
SOLUÇÃO	• Substitua as pastilhas. • Controle o funcionamento correcto da pinça. • Controle o estado do disco e a espessura mínima. • Se necessário, substitua ambos os discos no eixo.

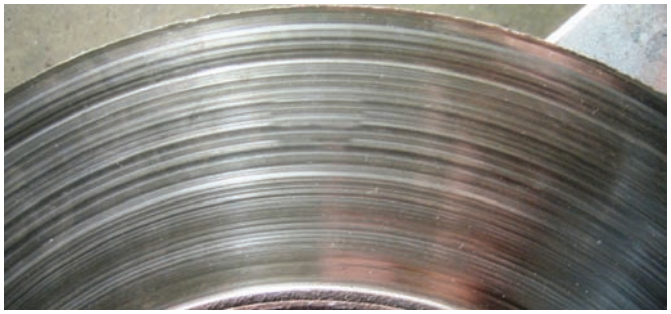


APARÊNCIA	Material de fricção destacado.
CAUSA	Carga transportada em excesso ou travagens demasiado fortes, juntamente com a escolha de peças de reposição inadequadas.
RESULTADO	Redução no desempenho de travagem e ruído típico (guincho) durante a travagem.
SOLUÇÃO	• Substitua as pastilhas. • Controle o estado do disco e a espessura mínima. • Apesar de ter um indicador de desgaste, é necessário controlar o estado da pastilha a cada normal visita de controlo do travão na oficina e/ou a cada seis meses.

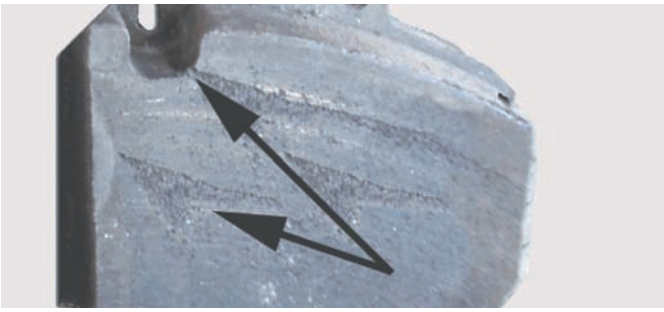


APARÊNCIA	Disco com tonalidades azuis, indicando uma mudança física devido ao superaquecimento.
CAUSA	Uso intensivo dos travões para travagem prolongada ou travagem inadequada nas descidas.
RESULTADO	Superaquecimento do disco de travão que pode resultar em distorção da superfície de contacto e fissuras.
SOLUÇÃO	• Substituição obrigatória de discos de travão e pastilhas. • Durante os primeiros 250 km após a substituição, a travagem brusca deve ser evitada, a fim de permitir o correcto assentamento dos componentes recém-instalados.

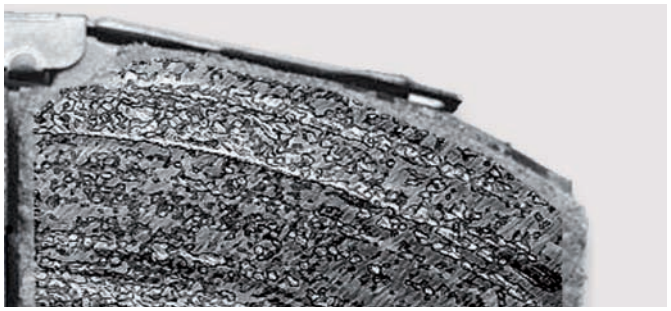
CV PROBLEMEN OPSPOREN - REMBLOKKEN EN –SCHIJVEN



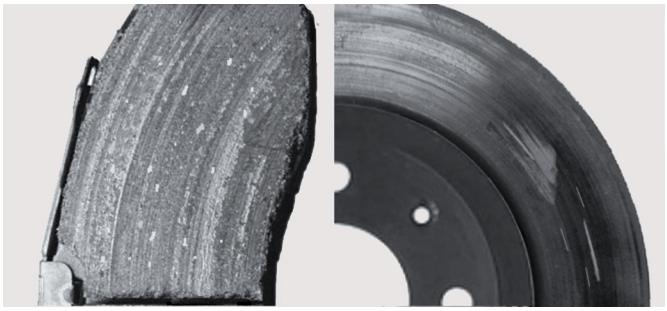
AANZICHT	Het oppervlak van de remschijf is gegroefd.
OORZAAK	Remblokken met een te ruw wrijvingsmateriaal of nieuwe remblokken gemonteerd op overmatig versleten remschijven.
EFFECT	Afname van het remvermogen en een mogelijk verlies van de balans op de as tijdens het remmen.
OPLOSSING	• De remblokken vervangen. • Controleer de staat en de minimum dikte van de remschijf. Vervang de remschijf als dit nodig is. • Controleer de kwaliteit van de gebruikte reserveonderdelen.



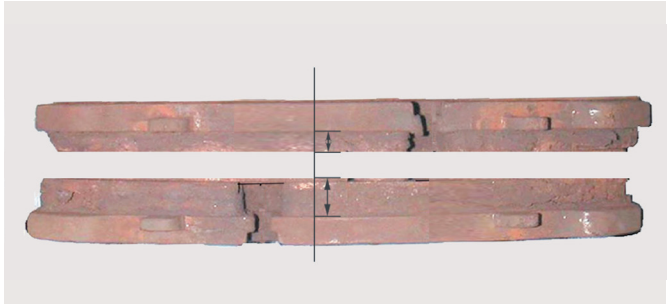
AANZICHT	Overmatige slijtage remblokken en -schijven.
OORZAAK	Het wrijvingsmateriaal is mogelijk vervuild geraakt met zand, modder of aarde of het mechanisme van de remklauw keert niet helemaal terug.
EFFECT	Overmatige slijtage van een of meer remblokken hetgeen resulteert in schade als de remblok niet van een slijtage-indicator voorzien is.
OPLOSSING	• De remblokken vervangen. • Controleer de staat en de minimum dikte van de remschijf. • Vervang, indien noodzakelijk de beide remschijven op de as.



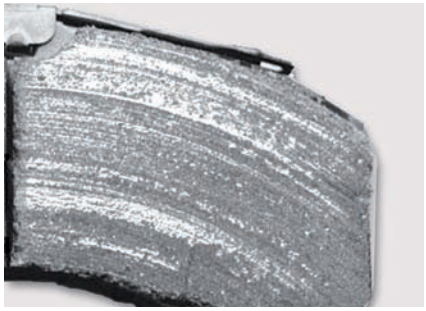
AANZICHT	Wrijvingsmateriaal remblok vuil.
OORZAAK	Vervuild met een olieachtige substantie of een oplosmiddel.
EFFECT	Afname van het remvermogen en een mogelijk verlies van de balans tijdens het remmen.
OPLOSSING	• De remblokken vervangen. • Controleer de remschijven op de as. • Spoor mogelijke lekken uit de naven of andere omringende componenten op.



AANZICHT	Metal pick up in het frictiemateriaal.
OORZAAK	Bij nat weer ontstaan hoge temperaturen tussen de remschoen en de remschijf.
EFFECT	Slijtage van de remschijf met een typisch metaalachtig geluid tijdens het remmen.
OPLOSSING	• De remblokken vervangen. • Controleer de staat en de minimum dikte van de remschijf. • Vervang, indien noodzakelijk de beide remschijven op de as.

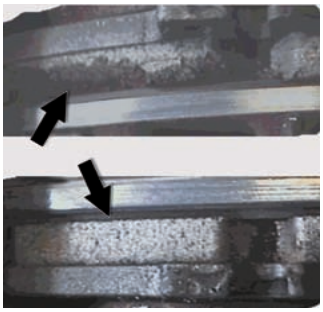


AANZICHT	Remblok ongelijk afgesleten.
OORZAAK	Een van de remklauwen hapert of kan niet in de ruststand terugkeren.
EFFECT	Afname van het remvermogen en een mogelijk verlies van de balans op de as tijdens het remmen.
OPLOSSING	• De remblokken vervangen. • Controleer de remklauwen.

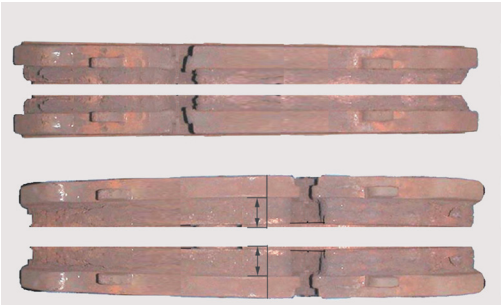


AANZICHT	Wrijvingsmateriaal remblok licht verglaasd.
OORZAAK	Remmen zeer weinig belast, bijv. remmen bij lage snelheid en met lage druk.
EFFECT	Afname van het remvermogen en typische geluiden (piepende rem) tijdens het remmen.
OPLOSSING	• Probeer het oppervlak te herstellen als de glazige laag niet te dik is door een aantal kilometer lang gemiddeld/hard te remmen of vervang de remblokken. • Controleer de staat en de minimum dikte van de remschijf.

AANZICHT	Het oppervlak van de remschijf vertoont eerste- en tweedegraads barsten.
OORZAAK	Remmen te intensief gebruikt omwille van de rijomstandigheden of de vervoerde lading.
EFFECT	Mogelijk onverwacht falen van de remschijf, met name in het geval van tweedegraads barsten.
OPLOSSING	• Verplicht de remblokken en -schijven vervangen, met name in het geval van tweedegraads barsten als een van de barsten van buiten naar binnen loopt. • Controleer de remklauwen.

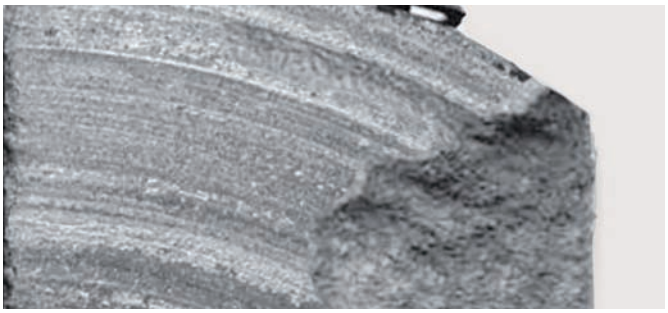


AANZICHT	De randen van het wrijvingsmateriaal zijn beschadigd (verkruimeling).
OORZAAK	Het remblok is in de remklauw bekneld geraakt.De gebruikte onderdelen stemmen niet overeen met de aangegeven afmetingen en specificaties.
EFFECT	Vroegtijdige slijtage van het remblok en oneven slijtage van de remschijf.
OPLOSSING	• De remblokken vervangen. • Controleer of de remklauw correct functioneert. • Controleer de staat en de minimum dikte van de remschijf. • Vervang, indien noodzakelijk de beide remschijven op de as.

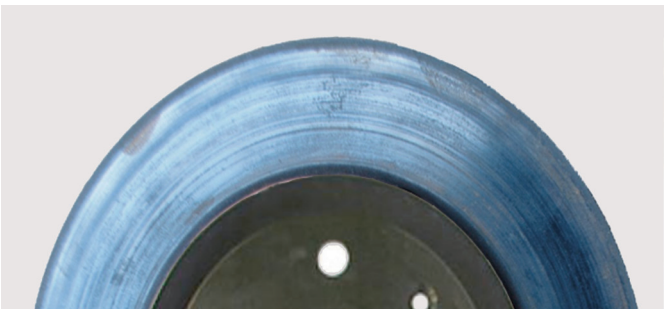


AANZICHT	Remblokken op dezelfde as zijn ongelijk afgesleten.
OORZAAK	Een van de remklauwen op dezelfde as keert niet goed terug.
EFFECT	Instabiliteit van het voertuig tijdens het loslaten van de rem als dit probleem zich aan de aandrijfas voordoet.
OPLOSSING	• De remblokken vervangen. • Controleer of de remklauw correct functioneert. • Controleer de staat en de minimum dikte van de remschijf. • Vervang, indien noodzakelijk, de beide remschijven op de as.

AANZICHT	Het oppervlak van de remblok vertoont barsten.
OORZAAK	Overbelasting of te hoge temperatuur wrijvingsmateriaal.
EFFECT	Mogelijk losraken van het wrijvingsmateriaal en een afname van het remvermogen.
OPLOSSING	• De remblokken vervangen. • Controleer of de remklauw correct functioneert. • Controleer de staat en de minimum dikte van de remschijf. • Vervang, indien noodzakelijk de beide remschijven op de as.



AANZICHT	Wrijvingsmateriaal remblok laat los.
OORZAAK	Mogelijke overbelasting of hard remmen in combinatie met het gebruik van ongeschikte onderdelen.
EFFECT	Afname van het remvermogen en typische geluiden (piepende rem) tijdens het remmen.
OPLOSSING	• De remblokken vervangen. • Controleer de staat en de minimum dikte van de remschijf. • Ondanks de slijtage-indicator moet de staat van het remblok tijdens elke normale remcontrole in de garage en/of elke zes maanden gecontroleerd worden.

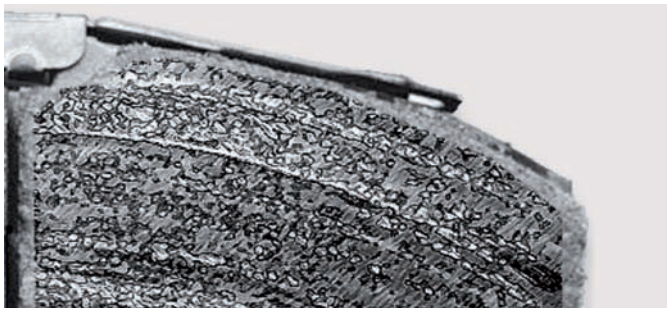


AANZICHT	Blauwe strepen op de remschijf duiden op een fysieke wijziging als gevolg van oververhitting.
OORZAAK	Intensief gebruik van de remmen of te lang remmen of verkeerd remmen bergaf.
EFFECT	Oververhitting van de remschijf kan leiden tot vervorming en het ontstaan van barsten in het contactoppervlak.
OPLOSSING	• Verplichte vervanging de remblokken en -schijven. • Gedurende de eerste 250 km na de vervanging moet hard remmen vermeden worden zodat de nieuw componenten zich correct kunnen zetten.

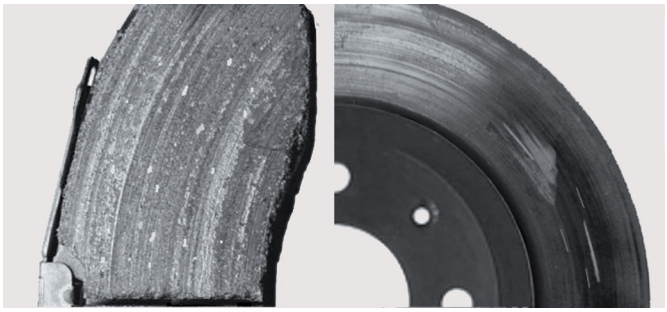
ТАБЛИЦА ОПРЕДЕЛЕНИЯ ПРИЧИН НЕИСПРАВНОСТЕЙ ТОРМОЗНЫХ КОЛОДОК И ДИСКОВ ДЛЯ КОММЕРЧЕСКИХ АВТОМОБИЛЕЙ

ВНЕШНИЙ ВИД	Царапины на рабочей поверхности диска.
ПРИЧИНА	Фрикционный материал колодок слишком грубый для диска или новые колодки были установлены на сильно изношенные диски.
РЕЗУЛЬТАТ	Снижение эффективности торможения. Возможно проявление нерасчетного распределения усилий при торможении на соответствующей оси.
СПОСОБ УСТРАНЕНИЯ	• Замените колодки. • Проверьте состояние диска и его минимальную толщину. Если потребуется, замените диск. • Проверьте качество установленных запасных деталей.

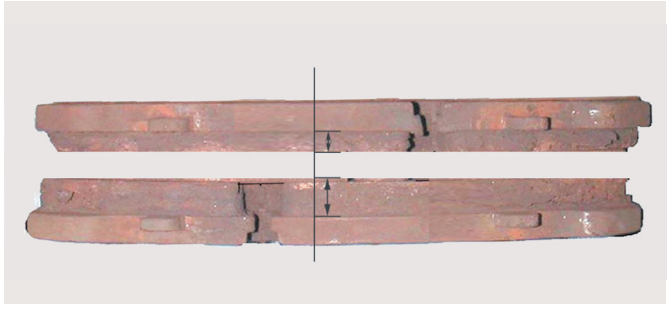
ВНЕШНИЙ ВИД	Чрезмерный износ тормозных дисков и колодок.
ПРИЧИНА	Возможное попадание песка, грязи или земли во фрикционный материал или неполный возврат шестерни тормозного суппорта.
РЕЗУЛЬТАТ	Слишком сильно изношена одна или несколько тормозных колодок; если колодка не оснащена датчиком износа – риск возникновения повреждений.
СПОСОБ УСТРАНЕНИЯ	• Замените колодки. • Проверьте состояние диска и его минимальную толщину. • Если потребуется, замените оба диска на оси.



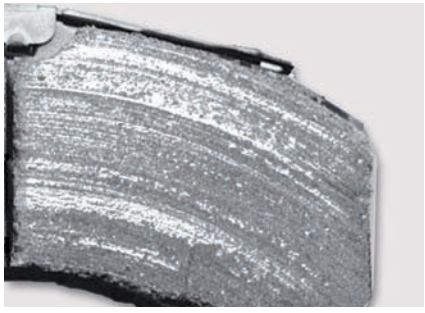
ВНЕШНИЙ ВИД	Загрязнение фрикционного материала колодок.
ПРИЧИНА	Загрязнение рабочей поверхности колодки маслосодержащими веществами или растворителями.
РЕЗУЛЬТАТ	Снижение эффективности торможения. Возможно проявление нерасчетного распределения усилий при торможении.
СПОСОБ УСТРАНЕНИЯ	• Замените колодки. • Проверьте состояние дисков на соответствующей оси. • Проверьте отсутствие утечек из ступиц и расположенных рядом с ними компонентов.



ВНЕШНИЙ ВИД	Металлические вкрапления на рабочей поверхности колодки.
ПРИЧИНА	Высокая температура между тормозной колодкой и диском во влажных условиях.
РЕЗУЛЬТАТ	Износ тормозного диска и характерный металлический скрежет при торможении.
СПОСОБ УСТРАНЕНИЯ	• Замените колодки. • Проверьте состояние диска и его минимальную толщину. • Если потребуется, замените оба диска на оси.

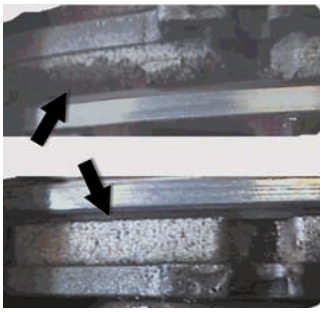


ВНЕШНИЙ ВИД	Неравномерный износ тормозной колодки.
ПРИЧИНА	Заклинивание в одном из тормозных суппортов.
РЕЗУЛЬТАТ	Снижение эффективности торможения. Возможно проявление нерасчетного распределения усилий при торможении на соотвествующей оси.
СПОСОБ УСТРАНЕНИЯ	• Замените колодки. • Проверьте состояние тормозных суппортов.

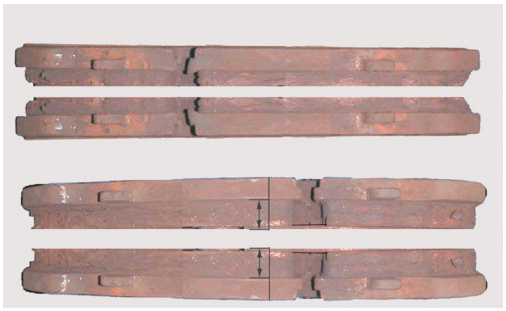


ВНЕШНИЙ ВИД	“Остекленение”рабочей поверхности тормозных колодок.
ПРИЧИНА	К тормозам прилагается очень малая нагрузка, то есть тормоза используются на низкой скорости и при небольшом давлении.
РЕЗУЛЬТАТ	Снижение эффективности торможения и характерный шум (скрежет) во время торможения.
СПОСОБ УСТРАНЕНИЯ	• Если изменение выражено не так сильно, можно попытаться восстановить поверхность. Для этого проедьте некоторое расстояние с приложением средней/большой нагрузки на тормоза. В противном случае замените тормозные колодки. • Проверьте состояние диска и его минимальную толщину.

ВНЕШНИЙ ВИД	Присутствие на поверхности диска трещин 1-ой и 2-ой степеней.
ПРИЧИНА	Слишком интенсивное использование тормозов, связанное с характеристиками трассы или с перевозимым грузом.
РЕЗУЛЬТАТ	Вероятность неожиданного механического разрушения тормозного диска, в особенности, если на нем присутствуют трещины 2-ой степени.
СПОСОБ УСТРАНЕНИЯ	• В обязательном порядке замените тормозные диски и колодки; это тем более важно, если на диске есть трещины 2-ой степени, одна из которых идет от наружного диаметра к внутреннему диаметру диска. • Проверьте состояние тормозных суппортов.

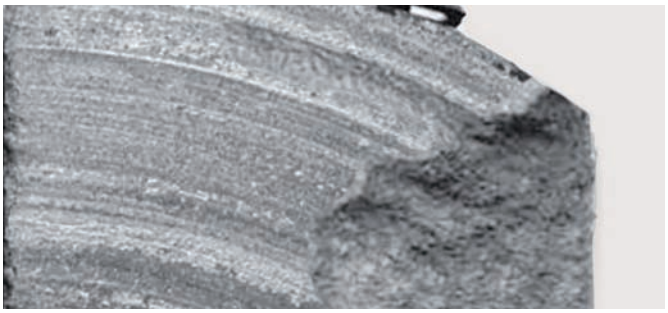


ВНЕШНИЙ ВИД	Выкрашивание кромки фрикционного материала (раскрошенные края).
ПРИЧИНА	Заедание тормозной колодки в суппорте. Используемые компоненты имеют неправильные размеры и не соответствуют спецификациям.
РЕЗУЛЬТАТ	Преждевременный износ тормозной колодки и неравномерный износ диска.
СПОСОБ УСТРАНЕНИЯ	• Замените колодки. • Проверьте правильность работы тормозного суппорта. • Проверьте состояние диска и его минимальную толщину. • Если потребуется, замените оба диска на оси.

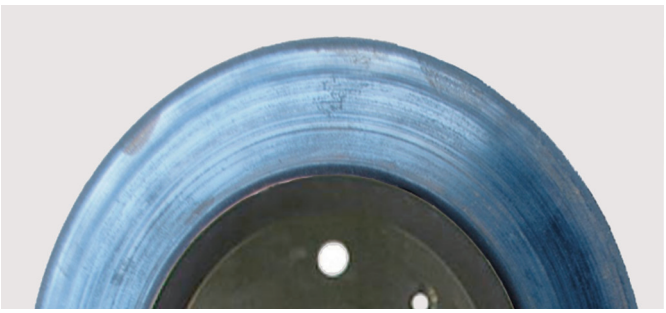


ВНЕШНИЙ ВИД	Неравномерный износ тормозных колодок, расположенных на одной оси.
ПРИЧИНА	Неправильный возврат колодок в суппорте при торможении на одной и той же оси.
РЕЗУЛЬТАТ	Если речь идет о направляющей оси, то эта неисправность может привести к неустойчивости при отпускании тормозов.
СПОСОБ УСТРАНЕНИЯ	• Замените колодки. • Проверьте правильность работы тормозного суппорта. • Проверьте состояние диска и его минимальную толщину. • Если потребуется, замените оба диска на оси.

ВНЕШНИЙ ВИД	Трещины на рабочей поверхности колодки.
ПРИЧИНА	Избыточная нагрузка или сильный нагрев фрикционного материала.
РЕЗУЛЬТАТ	Возможный отрыв фрикционного материала с последующим снижением эффективности торможения.
СПОСОБ УСТРАНЕНИЯ	• Замените колодки. • Проверьте правильность работы тормозного суппорта. • Проверьте состояние диска и его минимальную толщину. • Если потребуется, замените оба диска на оси.

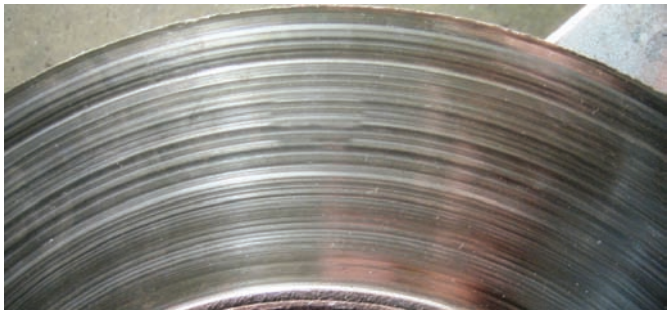


ВНЕШНИЙ ВИД	Скол фрикционного материала.
ПРИЧИНА	Вероятные причины – перевозка чрезмерно тяжелого груза, интенсивное торможение или использование неподходящих компонентов тормозной системы.
РЕЗУЛЬТАТ	Снижение эффективности торможения и характерный шум (скрежет) при торможении.
СПОСОБ УСТРАНЕНИЯ	• Замените колодки. • Проверьте состояние диска и его минимальную толщину. • Даже если на автомобиле установлен датчик износа, при каждом регламентном техосмотре в автомастерской и/или раз в полгода проверяйте состояние колодок.

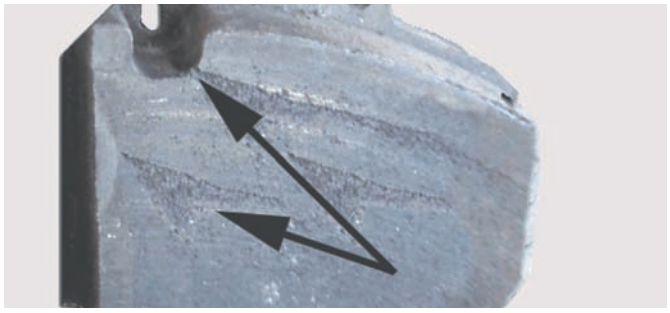


ВНЕШНИЙ ВИД	Синие полосы на диске, свидетельствующие о структурном изменении материала из-за перегрева.
ПРИЧИНА	Интенсивное использование тормозов при продолжительном торможении или неправильное торможение при спуске под наклоном.
РЕЗУЛЬТАТ	Перегрев тормозного диска, из-за которого могли образоваться искривления и трещины на контактной поверхности.
СПОСОБ УСТРАНЕНИЯ	• В обязательном порядке замените тормозные диски и колодки. • Во время проезда первых 250 км после замены тормозных дисков и колодок избегайте резких торможений, чтобы произошла правильная приработка новых установленных деталей.

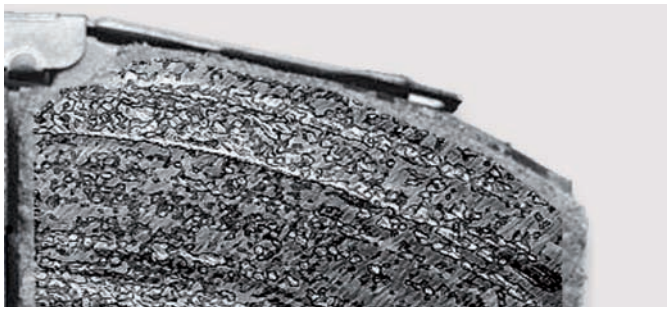
WYSTĘPUJĄCE PROBLEMY TECHNICZNE - KLOCKI I TARCZE HAMULCOWE SAMOCHODÓW CIĘŻAROWYCH



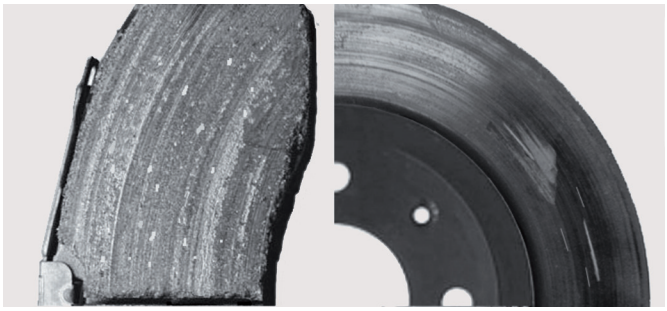
OBJAWY	Powierzchnia tarczy jest porysowana.
PRZYCZYNA	Klocki wyposażone w materiał cierny zbyt ostry dla tarczy lub założono nowe klocki na nadmiernie zużyte tarcze.
SKUTEK	Obniżenie wydajności hamowania oraz możliwe zaburzenie równowagi na dotkniętej problemem osi podczas hamowania.
ROZWIĄZANIE	• Wymienić klocki. • Sprawdzić stan tarczy i jej grubość minimalną. W razie konieczności wymienić tarczę. • Sprawdzić jakość wykorzystanych części zamiennych.



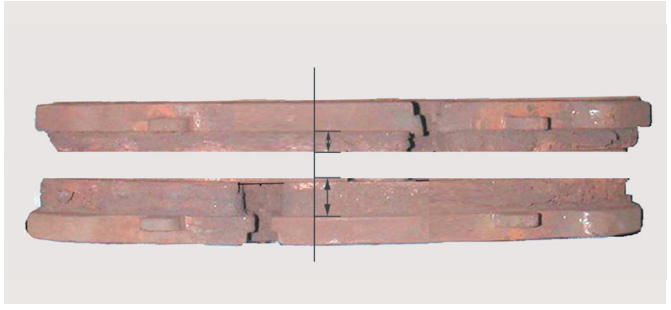
OBJAWY	Nadmierne zużycie tarcz i klocków.
PRZYCZYNA	Możliwe zanieczyszczenie materiału ciernego piaskiem, błotem lub ziemią lub niewłaściwie działający zacisk – niepełny powrót do stanu spoczynkowego.
SKUTEK	Nadmierne zużycie jednego lub więcej klocków, skutkujące dalszymi uszkodzeniami, gdy klocek nie został wyposażony we wskaźnik zużycia.
ROZWIĄZANIE	• Wymienić klocki. • Sprawdzić stan tarczy i jej grubość minimalną. • W razie konieczności wymienić obydwie tarcze na osi.



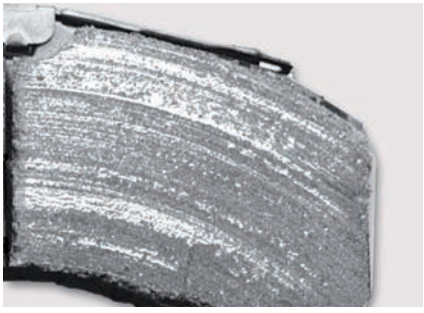
OBJAWY	Materiał cierny klocka jest zanieczyszczony.
PRZYCZYNA	Zanieczyszczenie substancją oleistą lub rozpuszczalnikiem.
SKUTEK	Obniżenie wydajności hamowania oraz możliwe zaburzenie równowagi podczas hamowania.
ROZWIĄZANIE	• Wymienić klocki. • Sprawdzić tarcze hamulcowe na osi. • Zidentyfikować wszelkie wycieki płynów z piast lub innych pobliskich elementów.



OBJAWY	Kawałki metalu w materiale ciernym klocka.
PRZYCZYNA	Wysoka temperatura powstająca pomiędzy klockiem a tarczą hamulcową podczas hamowania w mokrych warunkach.
SKUTEK	Zużycie dotkniętej problemem tarczy hamulcowej z typowym odgłosem tarcia metalu w trakcie hamowania.
ROZWIĄZANIE	• Wymienić klocki. • Sprawdzić stan tarczy i jej grubość minimalną. • W razie konieczności wymienić obydwie tarcze na osi.

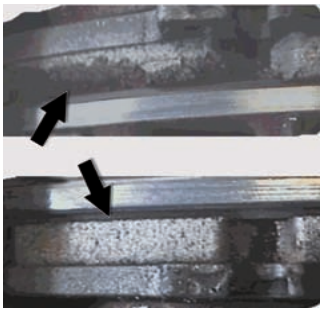


OBJAWY	Nierówne zużycie klocka hamulcowego.
PRZYCZYNA	Jeden z zacisków zablokował się lub nie wraca poprawnie do pozycji spoczynkowej.
SKUTEK	Obniżenie wydajności hamowania oraz możliwe zaburzenie równowagi na dotkniętej problemem osi podczas hamowania.
ROZWIĄZANIE	• Wymienić klocki. • Należy sprawdzić zaciski hamulcowe.

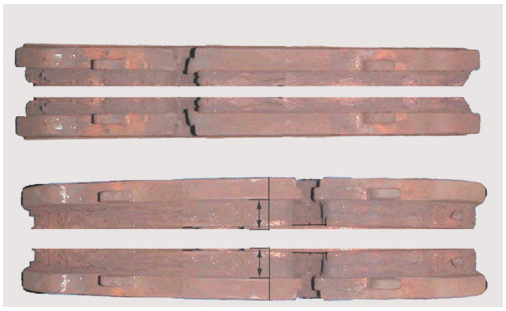


OBJAWY	Materiał cierny klocka zeszklony.
PRZYCZYNA	Bardzo niskie obciążenie hamulców, tj. delikatne hamowanie przy małej sile nacisku na pedał i niskiej prędkości.
SKUTEK	Obniżenie wydajności hamowania oraz typowy hałas (pisk) w trakcie hamowania.
ROZWIĄZANIE	• Jeżeli zeszklenie powierzchni nie jest zbyt zaawansowane można spróbować usunięcia tej warstwy materiału ciernego przez hamowanie o średniej i dużej intensywności na pewnym odcinku jazdy. Jeżeli ten zabieg nie przyniesie poprawy należy wymienić klocki hamulcowe. • Sprawdzić stan tarczy i jej grubość minimalną.

OBJAWY	Pęknięcia pierwszego i drugiego stopnia na powierzchni tarczy.
PRZYCZYNA	Nadmiernie intensywne korzystanie z hamulców z uwagi na właściwości drogi lub przewożony ciężar.
SKUTEK	Możliwe nieprzewidziane rozpadnięcie się tarczy, szczególnie w przypadku pęknięć drugiego stopnia.
ROZWIĄZANIE	• Konieczna jest wymiana tarcz i klocków hamulcowych, szczególnie w przypadku pęknięć drugiego stopnia, tzn. gdy jedno z pęknięć przebiega od średnicy zewnętrznej do średnicy wewnętrznej tarczy. • Należy sprawdzić zaciski hamulcowe.

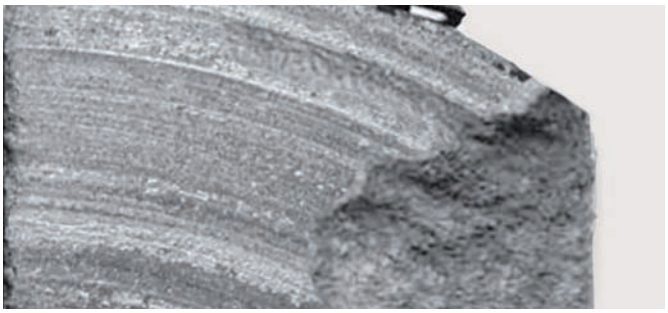


OBJAWY	Uszkodzone krawędzie materiału ciernego (kruszenie się krawędzi).
PRZYCZYNA	Zablokowanie się klocka hamulcowego w zacisku. Zastosowane części nie posiadają prawidłowych wymiarów i specyfikacji.
SKUTEK	Przedwczesne pogorszenie się stanu klocka i nierówne zużycie tarczy.
ROZWIĄZANIE	• Wymienić klocki. • Sprawdzić prawidłowość działania zacisków. • Sprawdzić stan tarczy i jej grubość minimalną. • W razie konieczności wymienić obydwie tarcze na osi.

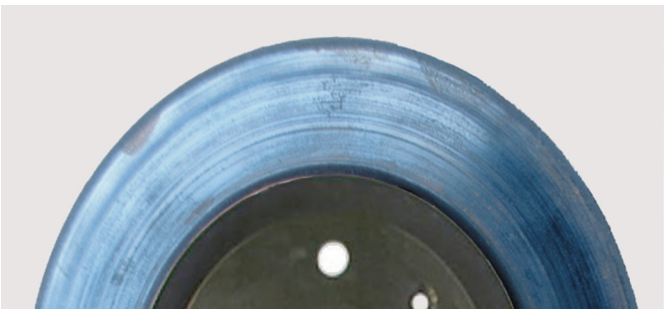


OBJAWY	Nierówne zużycie klocków na tej samej osi.
PRZYCZYNA	Niewłaściwie działające zaciski - nieprawidłowy powrót zacisku do stanu spoczynkowego.
SKUTEK	Jeżeli dana oś jest osią kierującą, usterka ta może spowodować niestabilność pojazdu w trakcie uwalniania hamulca.
ROZWIĄZANIE	• Wymienić klocki. • Sprawdzić prawidłowość działania zacisków. • Sprawdzić stan tarczy i ich grubość minimalną. • W razie konieczności wymienić obydwie tarcze na osi.

OBJAWY	Pęknięcia powierzchni klocka.
PRZYCZYNA	Nadmierne obciążenie lub wysoka temperatura materiału ciernego.
SKUTEK	Możliwe odrywanie się części materiału ciernego, skutkujące obniżeniem wydajności hamowania.
ROZWIĄZANIE	• Wymienić klocki. • Sprawdzić prawidłowość działania zacisków. • Sprawdzić stan tarczy i jej grubość minimalną. • W razie konieczności wymienić obydwie tarcze na osi.



OBJAWY	Odpadnięcie części materiału ciernego.
PRZYCZYNA	Możliwe nadmierne obciążenie lub intensywne hamowanie w połączeniu z doborem nieprawidłowych części.
SKUTEK	Obniżenie wydajności hamowania oraz typowy hałas (pisk) w trakcie hamowania.
ROZWIĄZANIE	• Wymienić klocki. • Sprawdzić stan tarczy i jej grubość minimalną. • Pomimo posiadania wskaźnika zużycia, należy sprawdzać stan klocka w trakcie każdej normalnej kontroli hamulców w warsztacie i/lub co sześć miesięcy.



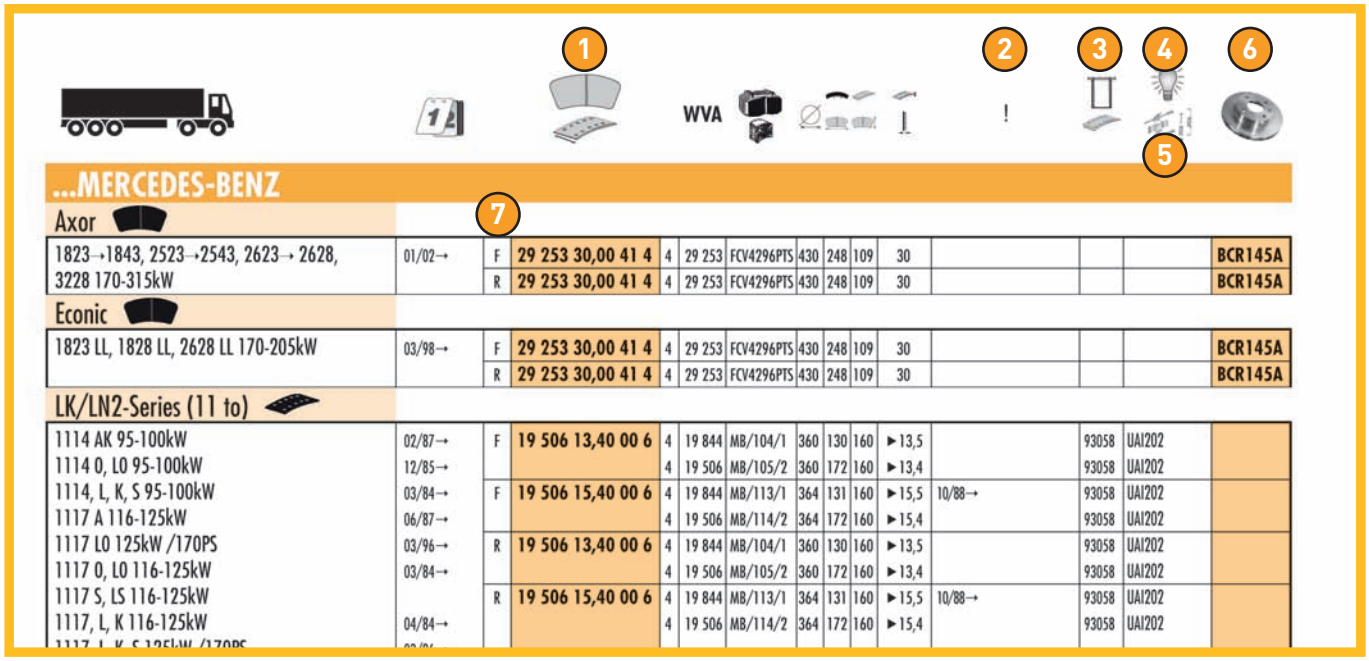
OBJAWY	Niebieskie paski na tarczy, wskazujące na fizyczną zmianę materiału tarczy wynikającą z przegrzania.
PRZYCZYNA	Intensywne wykorzystywanie hamulców w przedłużonym hamowaniu lub nieprawidłowe hamowanie w trakcie jazdy w dół.
SKUTEK	Przegrzewanie się tarczy hamulcowej może powodować odkształcenia powierzchni stykowej i pęknięcia tarczy.
ROZWIĄZANIE	• Konieczna jest wymiana tarcz i klocków hamulcowych. • W trakcie pierwszych 250 km po wymianie należy unikać ostrego hamowania w celu umożliwienia prawidłowego ułożenia się nowo zamontowanych elementów.

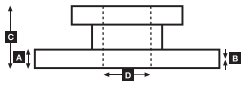
Go to www.fmecat.eu to download material

BERAL-REFERENZ/ PART	MATERIAL	ALT/OLD WVA	BREMSSYSTEM/BRAKE SYSTEM	HINWEISE/ COMMENTS
23 901 18,50 40 4	4260	21 592	ATE	
29 088 26,00 40 4	4568		WABCO PAN17	Zubehör separat erhältlich / accessories available separately
29 122 22,00 41 4	4020	29 122	BREMBO	
29 123 20,00 41 4	4496	29 123	BREMBO	
29 159 30,00 40 4	4568		WABCO PAN 19-1	Zubehör separat erhältlich / accessories available separately
29 159 30,00 40 4	4567		WABCO PAN 19-1	Zubehör separat erhältlich / accessories available separately
29 159 30,00 40 4	4569		WABCO PAN 19-1	
29 177 29,00 41 4	4572		ARM VGT195	
29 179 30,00 41 4	4576		KNORR SB/SN7	Heavy-Duty version
29 179 30,00 41 4	7083		KNORR SB/SN7	Scania version
29 179 30,00 42 4	4550		KNORR SB/SN7	Verschleißsensor für Bova gehört nicht zum Lieferumfang / Wear indicator for Bova included in the pad box
29 180 29,00 41 4	4562		ARM DX225	Besondere Anwendungen / Special applications
29 190 19,70 42 3	4156	29 190	BOSCH	
29 195 30,00 41 4	4581		HALDEX DB22LT	
29 203 29,00 41 4	4567		ARM Elsa225-1	New material
29 207 30,00 41 4	4581		HALDEX DB19	
29 218 29,00 41 4	4567		ARM Elsa225-3 (ex-PNG)	New material
29 229 20,70 41 4	4401	29 229	BREMBO	
29 231 22,70 41 3	4156	29 231	BREMBO	
29 232 20,70 41 4	4156	29 232	BREMBO	
29 244 35,00 41 3	7221		KNORR SL7	
29 246 35,00 41 3	7121		KNORR SM7	
29 253 30,00 41 4	4569	29179	KNORR SB/SN7	Pro Tec S® technology
29 253 30,00 41 4	4550	29179	KNORR SB/SN7	Pro Tec S® technology
29 253 30,00 41 4	4567	29179	KNORR SB/SN7	Pro Tec S® technology for DAF Trucks
29 256 27,00 40 4	3422		BREMBO 2X68	
BCR282A			Knorr	
BCR303A			Meritor B-Duco	
BCR307A			Knorr	
BCR308A			Knorr	
BCR313A			Brembo	
BCR314A			Brembo	
BCR315A			Brembo	
BCR316A			Brembo	
BCR317A			Brembo	
BCR318A			Knorr	
BCR319A			Knorr	
BCR320A			Brembo	
BCR321A			Brembo	
BCR322A				
BCR329A			Brembo	
BCR330A			Knorr	
BCR331A			Knorr	
BCR332A			Brembo	
BCR336A				
BCR338A			Brembo	
BCR341A				
BCR342A			Brembo	
BCR343A			Brembo	

HOW TO USE

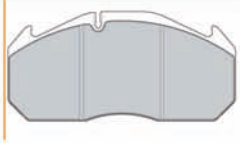
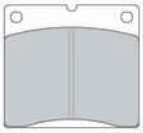
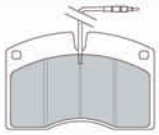
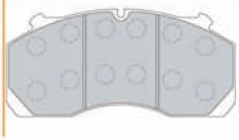
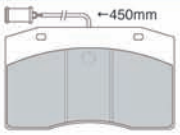
HINWEISE ZUR BENUTZUNG - COMMENT UTILISER CE CATALOGUE - LEGENDA - COMO UTILIZAR - GEBRUIKSAANWIJZING - КАК ИСПОЛЬЗОВАТЬ - JAK KORZYSTAĆ Z KATALOGU



1	Disc pad and lining set	Bremsbelagsatz und Trommel-bremsbeläge	Jeu de plaquettes Jeu de garnitures	Serie pastiglie ceppi	Pastilha de disco Jogo de calços	Remblokken Set en Remvoeringen	Комплект тормозных колодок/ накладок	Klocek hamulcowy i zestaw okładzin
2	Comments	Kommentare	Commentaires	Note	Comentários	Opmerkingen	Комментарии	Uwagi
3	Rivet reference	Nieten-Ref.	Référence de Rivet	Codice rivetto	Refª. do rebite	Referentie klinknagel	Артикул заклепки	Nr referencyjny nita
4	Wear Indicator	Verschleissan-zeiger	Témoin d'usure	Indicatore d'usura	Avisador de desgaste	Slijtageindicator	Датчик износа	Czujnik zużycia
5	Accessory Kit	Zubehörkit	Accessoires	Kit accessori	Jogo de acessórios	Accesoires	Установочный комплект	Zestaw akcesoriów
6	Disc reference	Bremsscheiben-Ref.	Référence de Disque	Codice disco	Refª. do disco	Referentie remschijf	Артикул диска	Nr referencyjny tarczy
7	Front/Rear Fitment	Vorder-/Hinter-achse	Montage avant/ arrière	Anteriore/ posteriore	Aplicação Dianteira/Traseira	Montage voor/ achter	Местоположе-ние - передняя/ задняя ось	Przednie/tylne mocowanie
8	Brake Pad quick reference image	Abbildungen Scheibenbrems-beläge	mini-dessin plaquette	Sagoma pastiglia	Guia rápido das pastilhas de travão	Afbeeldingen remblokken	Трафарет и крат-кие характери-стики тормозных колодок	Rysunek klocka do szybkiej identyfikacji
9	Wear indicator image and dimensions	Abmasse und Zeichnungen Verschleissan-zeiger	Image et dimensions témoin d'usure	Disegno e dimensioni indicatore d'usura	Imagem e dimenões do avisador	Slijtageindicator, afbeelding en afmetingen	Эскиз и размеры датчика износа	Rysunek i wymiary czujnika zużycia
10	Disc Technical Guide	Scheibenindex	Guide technique disques	Tabella dischi	Guia técnico do disco	Technische gids remschijven	Техническое руководство по тормозным дискам	Przewodnik techniczny tarczy
11								
12	Holes	Löcher	Trous	Fori	Orifícios	Gaten	Отверстия	Otwory
13	Studs	Ansatzbolzen	Goujons	Colonnette	Pernos	Bouten	Штифты	Śruby
14	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS

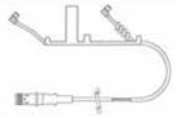
MAN - MERCEDES BENZ

8

20 984 17,00 41 5 1708 BDX	21 576 19,00 40 3 4507 ATE	21 621 17,00 40 3 4507 ATE	29 053 30,00 41 4 4567, 4568 MER	29 063 21,50 41 4 1721 BRE
				
29 072 19,20 41 8 1708 BRE	29 150 30,00 41 4 4567 (> 80 km/h) BRE	29 156 30,00 41 4 4567, 4568 MER	29 179 30,00 41 4 4550 MER	29 186 20,00 41 6 3450 BRE
				

MAN - N

9

UAI164 ↔ 290mm 2	FWI246 ↔ 210mm 2	FWI278 ↔ 189mm 2	UAI103 ↔ 238mm 2+2	UAI162 ↔ 400mm 2
				

10 11 12 13 14

		∅	A	B	C	D		Kg		ABS
BCR122A		324	30.0	27.0	111	165	12x13	13.0		✓
BCR127A		350	30.0	26.0	73	145	16x12,1	13.0		✓
BCR144A		438	45.0	35.0	135	200	10xM16	35.4		✓
BCR153A		276	22.0	19.0	76	85	5x15 1x9/17	6.6		

BERAL PNEUMATIC BENCH RIVETING MACHINE

PNEUMATISCHE BERAL NIETMASCHINE - RIVETEUSE PNEUMATIQUE BERAL - MACCHINA RIVETTATRICE BERAL

Art. Nr. / Ref.-No.99503

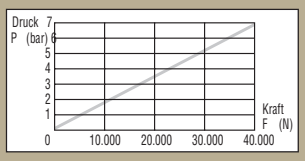
In kompakter Bauweise, mit praktischer Werkzeughalterung und Fußventil, weiches Nieten durch gedämpften Arbeitshub, mit nur vier Schrauben auf jeder Werkbank zu montieren.

Technische Daten:

Max. Betriebsdruck 7 bar
Nietkraft 40.000 N
Werkzeughub 30 mm
Werkzeughalter
Schaft-Ø 12,7 mm (1/2")
Nietamboßaufnahme Ø 20 mm
Maschinenhöhe 795 mm
Breite 250 mm
Tiefe incl. Stellrad 620 mm
Verpackung: 920 x 695 x 360 mm
Gewicht ca. netto 83 kg
brutto 100 kg

Arbeitsdrucktabelle

Der zum Ab- und Aufnieten erforderliche Arbeitsdruck ist auf dem Diagrammschild an der Maschine ablesbar und wird am Reduzierventil eingestellt.



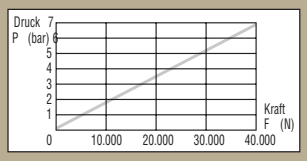
Compact Design, with practical tool holder and with foot pedal control, damped working stroke gives smooth riveting force. It can be mounted on any workbench by four bolts.

Technical data:

Max. air pressure 7 bar
Max. riveting force 40.000 N
Bore of press piston 30 mm
Bore of plunger Ø 12,7 mm (1/2")
Depth of riveting anvil Ø 20 mm
Height of machine 795 mm
Width of machine 250 mm
Depth of machine 620 mm
Packaging: 920 x 695 x 360 mm
net 83 kg
gross 100 kg

Pressure table

The air pressure settings needed for de-riveting and riveting are show on the diagram plate on the machine itself. Set the pressure reducing valve to this setting.



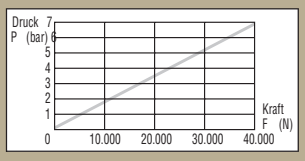
Machine compacte, avec porte-outil pratique et pédale de commande, rivetage en douceur en raison d'une course amortie, montable sur chaque établi avec quatre vis seulement.

Caractéristiques techniques:

Pression max de service 7 bar
Force max de rivetage 40.000 N
Course du piston 30 mm
Porte-enclume
du poinçon Ø 12,7 mm (1/2")
Porte-enclume de rivetage Ø 20 mm
Hauteur de la machine 795 mm
Largeur de la machine 250 mm
Profondeur de la machine 620 mm
Emballage: 920 x 695 x 360 mm
Poids net 83 kg
Poids brut 100 kg

Tableau des pressions de travail

La pression indispensable au rivetage et dérivetage figure sur le diagramme de la machine et est réglée au moyen de la valve de réduction.



Werkzeuge einzeln:	Ø mm	Best.-Nr./Ref.-No.
Entnieter Deriveter Dériveteuse Chiodatrice	5 6 8 10	99 583 05,00 90 99 583 06,00 90 99 583 08,00 90 99 583 10,00 90
Nieterstempel Riveter Riveteuse Chiodatrice	5 6 8 10	99 583 05,00 91 99 583 06,00 91 99 583 08,00 91 99 583 10,00 91
Nietamboß Rivet anvil Enclume de rivet Incudine chiodi	5 6 8 10	99 583 05,00 92 99 583 06,00 92 99 583 08,00 92 99 583 10,00 92
Entnietamboß Derivet anvil Enclume de dérivetage Incudine per schiodare	1 Stück	99 583 00,00 93
Kompletter satz Complete set		99 583 00,00 9999 00 5

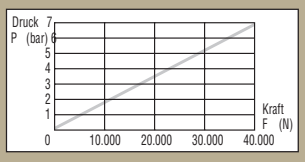
Linea compatta con pratico porta-utensili e valvola a pedale a sede piana, chiodatura mediante corsa operativa smorzata, fissabile su qualsiasi banco di lavoro mediante sole quattro viti.

Dati tecnici:

Pressione operativa massima 7 bar
Forza di chiodatura
massima 40.000 N
Corsa pistone ribaditore 30 mm
Allogiamento utensile
di chiodatura Ø 12,7 mm (1/2")
Sede per incudine
di chiodatura Ø 20 mm
Altezza macchina 795 mm
Larghezza macchina 250 mm
Profondità macchina 620 mm
Imballaggio: 920 x 695 x 360 mm
Peso netto 83 kg
Peso lordo 100 kg

Diagramma delle pressioni operative

La targhetta con diagramma applicata sulla macchina indica la pressione operativa necessaria per la chiodatura e schiodatura. Questa pressione viene impostata mediante la valvola riduttrice.



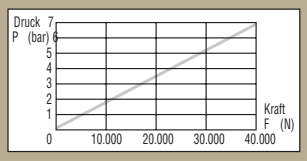
Desenho compacto, com suporte prático para ferramentas e com pedal de controle, amortecimento da força de rebitagem. Pode ser montado em qualquer bancada com quatro parafusos de fixação.

Dados técnicos:

Pressão máx. de ar_____7 bares
Força máx. de rebitagem__40.000N
Curso do pistão_____30mm
Furo do pino
de pressão_____Ø 12,7mm (1/2")
Profundidade da bigorna
de rebitagem_____Ø 20mm
Altura da máquina_____795mm
Largura da máquina_____250mm
Profundidade da máquina__620mm
Embalagem:__920 x 695 x 360 mm
Peso neto_____83Kg
Peso bruto_____100Kg

Tabela de pressões

As configurações de pressão de ar necessária para a extração e rebitagem são mostradas num diagrama colocado na própria máquina. Definir a pressão da válvula de redução de acordo com a configuração.



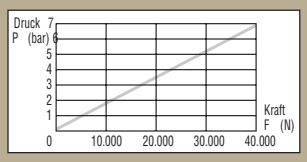
Compacte machine, met praktische houder voor greedschap en met pedaalbediening. Geleidelijke nietkracht door gedempte arbeidsslag. Kan op elke werkbank worden bevestigd met 4 bouten.

Technische gegevens:

Max. Luchtdruk_____7 bar
Max. Nietkracht_____40.000 N
Boring zuiger_____30 mm
Boring drevelr____Ø 12,7 mm (1/2")
Aambeeld_____Ø 20 mm
Hoogte_____795 mm
Breedte_____250 mm
Diepte_____620 mm
Verpakking:__920 x 695 x 360 mm
Gewicht netto_____83 kg
Gewicht bruto_____100 kg

Tabel met werkdrukken

De benodigde druk om te riveteren en te intnieten bevinden zich op een diagram bevestigd op de machine. Stel de drukklep in volgens deze gegevens.



Werkzeuge einzeln:	Ø mm	Best.-Nr./Ref.-No.
Extração Deriveter Инструмент для удаления заклепок Narzędzie do usuwania nitów	5 6 8 10	99 583 05,00 90 99 583 06,00 90 99 583 08,00 90 99 583 10,00 90
Rebitagem Riveter Клепальный инструмент Narzędzie do nitowania	5 6 8 10	99 583 05,00 91 99 583 06,00 91 99 583 08,00 91 99 583 10,00 91
Bigorna de rebitagem Riveteeraambeeld Клепальная наковальня Kowadło do nitowania	5 6 8 10	99 583 05,00 92 99 583 06,00 92 99 583 08,00 92 99 583 10,00 92
Bigorna de extração Deriveteeraambeeld Наковальня для удаления заклепок Kowadło do usuwania nitów	1 Stück	99 583 00,00 93
Jogo completo Volledige set Полный комплект Zestaw kompletny		99 583 00,00 9999 00 5

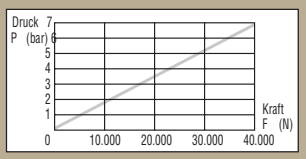
Компактное исполнение, удобное крепление инструмента, управление ножной педалью, плавная клепка благодаря специальной конструкции. Может утанавливаться на любой верстак путем крепления четырьмя болтами.

Технические данные:

Максимальное давление
воздуха_____7 бар
Максимальная клепальное
усилие_____40.000 Н
Диаметр поршня пресса_____30 мм
Диаметр плунжера__Ø 12,7 мм (1/2")
Зажим клепального
инструмента_____20 мм
Высота машины_____795 мм
Ширина машины_____250 мм
Глубина машины_____620 мм
Размер упаковки: 920 x 695 x 360 мм
Нетто_____83 кг
Брутто_____100 кг

Таблица давления

Необходимые для наклепки и расклепки параметры давления воздуха указаны на табличке-диаграмме, расположенной непосредственно на машине. Давление устанавливается с помощью клапана-регулятора давления.



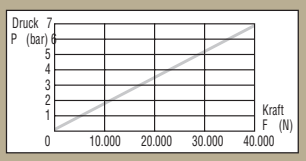
Kompaktowa konstrukcja, z praktycznym uchwytem do narzędzi i z kontrolą przy pomocy pedału. Tłumienie roboczego skoku umożliwia wytworzenie płynnej siły nitującej. Urządzenie może być zamontowane na każdym miejscu roboczym przy pomocy czterech śrub.

Dane techniczne:

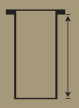
Maks. ciśnienie powietrza__7 barów
Maks. siła nitowania_____40 000 N
Średnica tłoka_____30 mm
Średnica narzędzia__Ø 12,7 mm (1/2")
Głębokość kowadła
nitującego_____Ø 20 mm
Wysokość urządzenia_____795 mm
Szerokość urządzenia_____250 mm
Głębokość urządzenia_____620 mm
Wymiary opakowania
_____920 x 695 x 360 mm
Waga netto_____83 kg
Waga całkowita_____100 kg

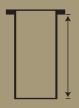
Tabela ciśnień

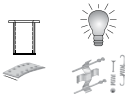
Ciśnienia powietrza konieczne do przeprowadzenia usuwania nitów i nitowania są podane na płytce przytwierdzonej do maszyny. Zawór regulacyjny ciśnienia należy ustawić zgodnie z podanymi wartościami.



STANDARD RIVETS
NORM-NIETEN - RIVETS STANDARDS - RIBATTINI STANDARD

	Typ Type Tipo Tipo	Best.- No Ref. - No. No. ordin. Ref. –No	 Schaft- Ø Shank Dia Ø tige Ø stelo Mm	 Länge Length Longueur Lunghezza Mm	 Kopf - Ø Head Dia. Ø téte Ø testa Mm	 Winkel Angle Angle Angolo
German Type **Steel tubular rivets to DIN 7338 C** The first figure indicates the shank diameter, the second figure the shank length in mm. **Deutsche Norm** **Stahlrohrnieten nach DIN 7338 C** Die erste Ziffer kennzeichnet den Schaftdurchmesser, die zweite die Schaftlänge in mm. **Norme allemande** **Rivets tubulaires en acier suivant norme allemande DIN 7338 C** Le premier chiffre indique le diamètre, le deuxiéme la longueur de la tige en mm. **Norma tedesca** **Ribattini tubolari acciaio DIN 7338 C** La prima cifra indica il diametro e la seconda la lunghezza dello stelo in mm.	4 x 8 4 x 10 5 x 10 6 x 10 6 x 12 6 x 15 10 x 17 10 x 18 10 x 20	93020 93021 93038 93047 93048 93049 93074 93067 93068	4 4 5 6 6 6 10 10 10	8 10 10 10 12 15 17 18 20	7.5 7.5 9.5 11.5 11.5 11.5 18.5 18.5 18.5	180 ° 180 ° 180 ° 180 ° 180 ° 180 ° 180 ° 180 ° 180 °
Steel semi-tubular rivets, galvanized to DIN 7338 B Stahlhalbhohlnieten, verzinkt entspr. DIN 7338 B Rivets semi-tubulaires en acier suivant norme allemande DIN 7338 B Ribattini semitobulari di acciaco DIN 7338 B	5 x 12 5 x 15 8 x 15 8 x 18	93234 93235 93251 93252	5 5 8 8	12 15 15 18	9.5 9.5 15.5 15.5	180 ° 180 ° 180 ° 180 °
Stepped tubular rivets, galvanized steel Hohlstufennieten aus Stahl, verzinkt Rivets creux étagés en acier galvanisé Ribattini tubolari a gradino di acciaio zincato	8 x 12 8 x 15 8 x 18 8 x 20	93057 93058 93059 93060	8 8 8 8	12 15 18 20	15.5 15.5 15.5 15.5	180 ° 180 ° 180 ° 180 °
Special rivets (Steel semi-tubular), galvanized Sondernieten (Stahlhalbhohl), verzinkt Rivets spéciaux (semi-tubulaires), galvanisés Ribattini speciali (semitubolari), zincati	5 x 15 5 x 15 6.65 x 18	93275 93281 93280	5 5 6.65	15 15 18	12 12 12	180 ° 150 ° 180 °
New British Standard Type 3575 Steel semi-tubular rivets Neue britische Norm 3575 Stahlhalbhohlnieten Nouveaux rivets anglais standardisés 3575 Rivets semi-tubulaires en acier Nuova norma britannica 3575 Ribattini semitubolari di acciaio	L 8 L 8.5 L 9 L 10 L 11 L 12	93683 93680 93684 93685 93686 93687	6.35 6.35 6.35 6.35 6.35 6.35	12.7 13.5 14.3 15.9 17.5 19.1	11.90 11.90 11.90 11.90 11.90 11.90	150 ° 150 ° 150 ° 150 ° 150 ° 150 °

	Tipo Type Тип Typ	Ref. nº Onderdeel-nummer Номер детали Nr referencji	 Diâmetro da haste Dia schacht Диаметр заклепки Średnica uchwytu Mm	 Comprimento Lengte Длина Długość Mm	 Diâmetro da cabeça Dia kop Диаметр шляпки Średnica łba Mm	 Angulo Hoek Угол Kąt
Rebites em aço tubular tipo germânico DIN 7338 C. **O primeiro valor indica o diâmetro da haste, o segundo o comprimento da haste em mm.** **Duits type** **Stalen, holle klinknagels volgens DIN 7338 C** Het eerste getal verwijst naar de schachtdiameter, het tweede getal naar de schachtlengte. **Немецкий стандарт.** **Стальные трубчатые заклепки DIN 7338 C.** Первая цифра обознаяает диаметр цилиндрической части заклепки, вторая цифра - длину цилиндрической части в мм. **Typ niemiecki** **Stalowy nit rurowy zgodnie z normą DIN 7338 C** **Pierwsza liczba podaje średnicę uchwytu, druga długość uchwytu w mm.**	4 x 8 4 x 10 5 x 10 6 x 10 6 x 12 6 x 15 10 x 17 10 x 18 10 x 20	93020 93021 93038 93047 93048 93049 93074 93067 93068	4 4 5 6 6 6 10 10 10	8 10 10 10 12 15 17 18 20	7.5 7.5 9.5 11.5 11.5 11.5 18.5 18.5 18.5	180 ° 180 ° 180 ° 180 ° 180 ° 180 ° 180 ° 180 ° 180 °
Rebites em aço semi-tubular, galvanizados DIN 7338 B Stalen, gegalvaniseerde half holle klinknagels volgens DIN 7338 B Стальные полутрубчатые заклепки с гальваническим покрытием DIN 7338 B Stalowy, galwanizowany nit pół-rurowy zgodnie z normą DIN 7338 B	5 x 12 5 x 15 8 x 15 8 x 18	93234 93235 93251 93252	5 5 8 8	12 15 15 18	9.5 9.5 15.5 15.5	180 ° 180 ° 180 ° 180 °
Rebites tubulares com degrau em aço galvanizado “Stepped” holle klinknagels, gegalvaniseerd staal Стальные ступенчатые трубчатые заклепки с гальваническим покрытием Stopniowany, galwanizowany stalowy nit rurowy	8 x 12 8 x 15 8 x 18 8 x 20	93057 93058 93059 93060	8 8 8 8	12 15 18 20	15.5 15.5 15.5 15.5	180 ° 180 ° 180 ° 180 °
Rebires especiais (semi-tubulares em aço) galvanizados Speciale klinknagels (Staal, half hol), gegalvaniseerd Заклепки специального типа (стальные полутрубчатые) с гальваническим покрытием Nity specjalne (stalowy pół-rurowy), galwanizowane	5 x 15 5 x 15 6.65 x 18	93275 93281 93280	5 5 6.65	15 15 18	12 12 12	180 ° 150 ° 180 °
Rebites semi-tubulares com a nova norma britanica tipo 3575 Nieuwe Britse standaard Type 3575 Stalen half holle klinknagels Новый Британский стандарт, тип 3575. Стальные полутрубчатые заклепки Nowe wg British Standard Type 3575 stalowe pół-rurowe nity	L 8 L 8.5 L 9 L 10 L 11 L 12	93683 93680 93684 93685 93686 93687	6.35 6.35 6.35 6.35 6.35 6.35	12.7 13.5 14.3 15.9 17.5 19.1	11.90 11.90 11.90 11.90 11.90 11.90	150 ° 150 ° 150 ° 150 ° 150 ° 150 °



IVECO

Daily

52.10 15" Hydraulic Brakes, 52.15 15" Hydraulic		F	**29 012 18,00 41 3**	4	29 012	FVR709	280	149	69	18				**BCR104A**

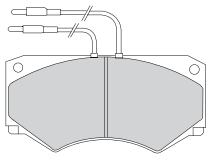
Daily

All Models 35.12 Turbo	1986→1996	R	**15 039 08,00 60 3**	2	15 742	MB/80/2	270	211	79	8,0		93038		
All Models 40.10W (Turbo)	1989→05/96			2	15 039		270	244	79	8,0		93038		
All Models 45.10 (Turbo)	1985→													
All Models 49.10 (Turbo)	1985→1986													
	1986→1989													
All Models 49.10, 49.12 (Turbo)	1989→1996													
All Models 59.12 (Turbo)	1991→05/96	R	**17 313 12,90 60 3**	2	17 313	PB/23/1	310	236	100	12,9		93048		
				2	17 318	PB/26/1	310	280	100	12,9		93048		

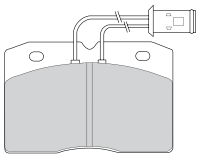
Daily I

30.8 76kW	01/78→	F	**21 188 18,30 40 3***	4	21 188	FVR511	267	110	73	18	04/86→12/89, * use/verwenden FVR511			**DDF254**
			29 041 18,30 41 4*	4	29 041	FVR655	266.5	110	73	18	01/-90→05/96, * use/verwenden FVR655			**BCR274A**
			29 038 18,30 40 3*	4	29 038	FVR713	266.5	110	73	18	01/-90→05/96 * use/verwenden FVR713			**BCR274A**
			29 121 20,30 41 4	4	29 121	FVR1102	290	165	66	20	05/96→		UAI115	**BCR139A**
		R	**29 121 20,30 41 4**	4	29 121	FVR1102	289	165	66	20	05/96→		UAI115	**BCR140A**
35.10 76kW	01/85→	F	**29 041 18,30 41 4***	4	29 041	FVR655	266.5	110	73	18	01/-90→05/96 * use/verwenden FVR655			**BCR274A**
			21 188 18,30 40 3*	4	21 188	FVR511	267	110	73	18	* use/verwenden FVR511			**DDF254**
			29 121 20,30 41 4	4	29 121	FVR1102	290	165	66	20	05/96→		UAI115	**BCR139A**
		R	**29 121 20,30 41 4**	4	29 121	FVR1102	289	165	66	20	05/96→		UAI115	**BCR140A**
35-8 76kW	01/78→	F	**21 188 18,30 40 3***	4	21 188	FVR511	267	110	73	18	04/86→12/89, * use/verwenden FVR511			**DDF254**
			29 041 18,30 41 4*	4	29 041	FVR655	266.5	110	73	18	01/90→05/96, Opt * use/verwenden FVR655			**BCR274A**
			29 121 20,30 41 4	4	29 121	FVR1102	290	165	66	20	05/96→		UAI115	**BCR139A**
		R	**29 121 20,30 41 4**	4	29 121	FVR1102	289	165	66	20	05/96→		UAI115	**BCR140A**
35.12 76kW	01/90→	F	**29 041 18,30 41 4***	4	29 041	FVR655	266.5	110	73	18	→05/96, not Turbo * use/verwenden FVR655			**BCR274A**
			29 012 18,00 41 3	4	29 012	FVR709	280	149	69	18	→05/96,Turbo			**BCR104A**
			29 138 18,00 41 3*	4	29 138	FVR1351		149	69	18	05/96→,* use/verwenden FVR1351			
			29 121 20,30 41 4	4	29 121	FVR1102	290	165	66	20	05/96→		UAI115	**BCR139A**
		R	**29 121 20,30 41 4**	4	29 121	FVR1102	289	165	66	20	05/96→		UAI115	**BCR140A**
40.8	01/83→05/96	F	**21 006 18,00 41 3***	4	21 006	FVR492	280	149	69	18	→12/86, Turbo, * use/verwenden FVR492			**BCR104A**
			21 188 18,30 40 3*	4	21 188	FVR511	267	110	73	18	05/86→12/89, * use/verwenden FVR511			**DDF254**
			29 041 18,30 41 4*	4	29 041	FVR655	266.5	110	73	18	01/90→05/96 * use/verwenden FVR655			**BCR274A**
			29 040 18,00 41 3*	4	29 040	FVR516	280	149	69	18	01/87→5/96, Turbo, * use/verwenden FVR516			**BCR104A**
40.10	01/85→	F	**21 006 18,00 41 3***	4	21 006	FVR492	280	149	69	18	→12/96, * use/verwenden FVR492			**BCR104A**
			29 012 18,00 41 3	4	29 012	FVR709	280	149	69	18	→12/96, Turbo			**BCR104A**
			29 138 18,00 41 3*	4	29 138	FVR1351		149	69	18	01/97→,*use/verwenden FVR1351			
45.10			**21 006 18,00 41 3***	4	21 006	FVR492	280	149	69	18	→12/96, * use/verwenden FVR492			**BCR104A**
			29 040 18,00 41 3*	4	29 040	FVR516	280	149	69	18	01/87→05/96,Turbo, * use/verwenden FVR516			**BCR104A**
			29 012 18,00 41 3	4	29 012	FVR709	280	149	69	18	→05/96, Turbo			**BCR104A**
			29 138 18,00 41 3*	4	29 138	FVR1351		149	69	18	05/96→, * use/verwenden FVR1351			
45.12	06/90→	F	**29 012 18,00 41 3**	4	29 012	FVR709	280	149	69	18	→04/96, Turbo			**BCR104A**
			29 138 18,00 41 3*	4	29 138	FVR1351		149	69	18	05/96→, *use/verwenden FVR1351			

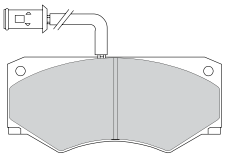
21 006 18,00 41 3*
1721



21 188 18,30 40 3*
4508



29 012 18,00 41 3
1721



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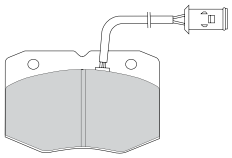
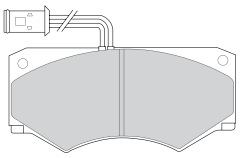
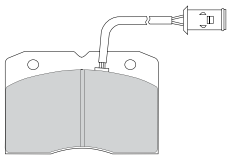
1721



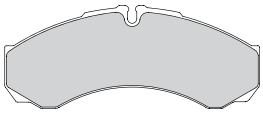
29 040 18,00 41 3*
1721



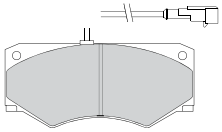
29 041 18,30 41 4*
1721



29 121 20,30 41 4
4401

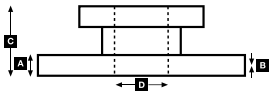


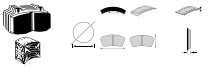
29 138 18,00 41 3*
3475



UAI115 ↔ 295mm
2

		∅	A	B	C	D		Kg	
BCR104A		280	16.0	13.0	142	105	6xM18 6x12,5 3xM6	13.4	✓
BCR139A		290	22.0	19.0	111	68	6xM18 6x12,4	15.0	✓
BCR140A		289	22.0	19.0	84	84	8x10,5	9.3	
BCR274A		267	14.2	12.8	105	58	6xM18 6x12,5 3xM6	10.3	✓
DDF254		267	14.2	12.8	154	58	6		





WVA !

...IVECO

...Daily I

49.10	01/85→	F	**21 006 18,00 41 3***	4	21 006	FVR492	280	149	69	18	→12/96, * use/verwenden FVR492			**BCR104A**
							280				Opt 22mm th			**BCR234A**
			29 040 18,00 41 3*	4	29 040	FVR516	280	149	69	18	01/87→05/96,Turbo, * use/verwenden FVR516			**BCR104A**
							280				Opt 22mm th			**BCR234A**
			29 012 18,00 41 3	4	29 012	FVR709	280	149	69	18	→05/96, Turbo			**BCR104A**
			29 138 18,00 41 3*	4	29 138	FVR1351		149	69	18	05/96→,*use/verwenden FVR1351			
			29 121 20,30 41 4	4	29 121	FVR1102	290	165	66	20	05/96→		UAI115	**BCR139A**
		R	**29 121 20,30 41 4**	4	29 121	FVR1102	289	165	66	20	05/96→		UAI115	**BCR140A**
49.12	06/90→	F	**29 012 18,00 41 3**	4	29 012	FVR709	280	149	69	18	→05/96, Turbo			**BCR104A**
			29 138 18,00 41 3*	4	29 138	FVR1351		149	69	18	05/96→,* use/verwenden FVR1351			
			29 121 20,30 41 4	4	29 121	FVR1102	290	165	66	20	05/96→		UAI115	**BCR139A**
		R	**29 121 20,30 41 4**	4	29 121	FVR1102	289	165	66	20	05/96→		UAI115	**BCR140A**
59.12	05/90→	F	**29 001 20,00 41 3***	4	29 001	FVR852	290	174	69	20	→04/96 * use/verwenden FVR852			**BCR133A**
	06/91→	F	**29 107 20,00 41 3***	4	29 107	FVR1350	280	175	70	20	05/96→, * use/verwenden FVR1350			**BCR104A**

Daily II

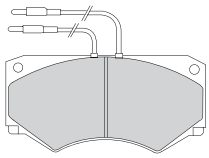
29 L 10 V, 29 L 11, 29 L 11 V, 29 L 12, 29 L 12 V, 29 L 13, 29 L 9, 29 L 9 V, 29L10 62-92kW	05/99→	F	**29 121 17,30 41 4**	4	29 121	FVR1315	276	165	66	18	with single tyres		UAI115	**BCR194A**
		R	**29 123 20,30 40 4**	4	29 123	FVR1405	276	107	61	20	with single tyres		UAI144	**BCR195A**
							276							**BCR196A**
35 C 10 V , 35 S 10 V, 35 C 12 ,35 S 12, 35 C 12 V, 35 S 12 V, 35 C 15, 35 S 11, 35 S 11 V, 35 S 13, 35 S 13 V, 35 S 15 V,35 C 15 V, 35 S 9, 35 S 9 V, 35S10, 50 C 11, 50 C 13, 50 C 15, 65 C 15, 62-107kW	05/99→	F	**29 121 20,30 41 4**	4	29 121	FVR1102	290	165	66	20			UAI115	**BCR139A**
			29 121 17,30 41 4	4	29 121	FVR1315	290	165	66	18			UAI115	**BCR313A**
		R	**29 121 20,30 41 4**	4	29 121	FVR1102	289	165	66	20	Twin wheel		UAI115	**BCR140A**
			29 123 20,30 40 4	4	29 123	FVR1405		107	61	20			UAI144	
60 C 13, 65 C 13 70kW	05/99→	F	**29 160 20,30 41 4**	4	29 160	FVR1390	290	164.0	69.0	20				**BCR235A**
		R	**29 160 20,30 41 4**	4	29 160	FVR1390	290	164.0	69.0	20				**BCR236A**

Daily III

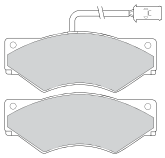
29L, 35S	05/06→	F	**29 229 20,70 41 4**	4	29 229	FVR4036	300	163.3	67.1	20.7			FWI303	**BCR314A**
		R	**29 232 20,70 41 4**	4	29 232	FVR4037	296	141.3	72.5	20.7			FWI305	**BCR315A**
35S 10/12/14			**29 123 20,00 41 4**	4	29 123	FVR4140	296	109.8	63.5	20	ABS		FWI305	**BCR316A**
35C -50C		F	**29 229 20,70 41 4**	4	29 229	FVR4036	290	163.3	67.1	20.7			FWI303	**BCR317A**
		R	**29 232 20,70 41 4**	4	29 232	FVR4037	294	141.3	72.5	20.7	Twin wheel		FWI305	**BCR320A**
			29 123 20,00 41 4	4	29 123	FVR4140	294	109.8	63.5	20	Twin wheel - ABS		FWI305	**BCR321A**
							297				4x4			**BCR343A**
60C, 65C		F	**29 122 22,00 41 4**	4	29 122	FVR4038	301	174.8	85.5	22.1			FWI306	**BCR329A**
		R	**29 231 22,70 41 3**	4	29 231	FVR4039	306	184.2	64.2	22.7			FWI303	**BCR332A**

BERAL®

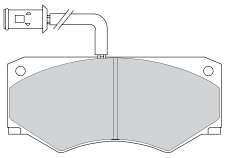
21 006 18,00 41 3*
1721



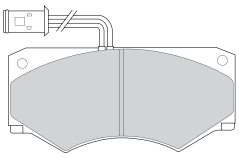
29 001 20,00 41 3*
3475



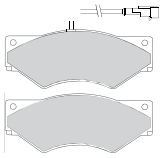
29 012 18,00 41 3
1721



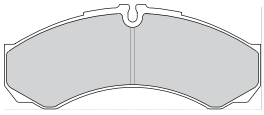
29 040 18,00 41 3*
1721



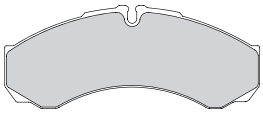
29 107 20,00 41 3*
3475



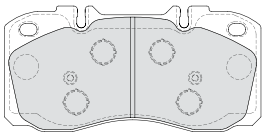
29 121 17,30 41 4
4401



29 121 20,30 41 4
4401



29 122 22,00 41 4
4020



29 123 20,00 41 4
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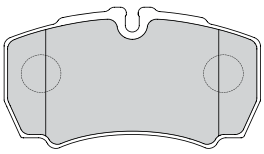
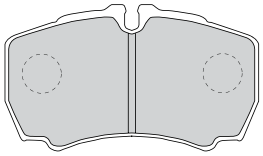
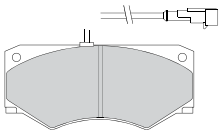


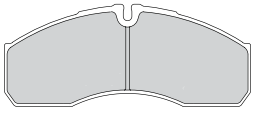
29 123 20,30 40 4
4401



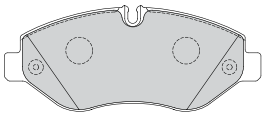
29 138 18,00 41 3*
3475



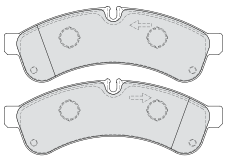
29 160 20,30 41 4
4401



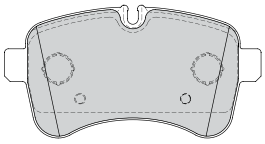
29 229 20,70 41 4
4401



29 231 22,70 41 3
4156



29 232 20,70 41 4
4156



FWI303 ↔ 130mm
2

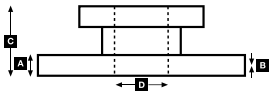
FWI305 ↔ 300mm
2

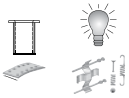
FWI306 ↔ 210mm
2

UAI115 ↔ 295mm
2

UAI144 ↔ 295mm
2

		∅	A	B	C	D		Kg		ABS
BCR104A		280	16.0	13.0	142	105	6xM18 6x12,5 3xM6	13.4	✓	
BCR133A		290	25.0	23.0	160	120	6x12,5 6xM18	20.2	✓	
BCR139A		290	22.0	19.0	111	68	6xM18 6x12,4	15.0	✓	
BCR140A		289	22.0	19.0	84	84	8x10,5	9.3		
BCR194A		276	22.0	20.4	72	73	5x15,7 2x8,7	8.0		
BCR195A		276	16.0	13.0	67	73	5x15,6 2x8,7	11.0		
BCR196A		276	16.0	14.8	67	73	5x15,7 2x8,7	6.7		✓
BCR234A		280	22.0	19.0	142	124	6xM18 6x12,5 3xM6	15.6	✓	
BCR235A		290	26.0	23.0	53	80	9x12,5	7.4		
BCR236A		306	22.0	19.0	136	178	6xM10	13.7		
BCR313A		290	22.0	19.0	110.5	123	6	14.8		
BCR314A		300	28.0	25.0	74.5	78	6	8.6		
BCR315A		296	16.0	13.0	69.5	76	6	7.6		
BCR316A		296	16.0	13.0	69.5	76	6	7.6		✓
BCR317A		290	28.0	25.0	46	64	9	8.5		
BCR320A		294	24.0	21.0	83.5	128	8	8.3		
BCR321A		294	24.0	21.0	87.5	128	8	8.7		✓
BCR329A		301	30.0	27.0	59	83	9	10.7		
BCR332A		306	28.0	25.0	132	178.2	6	13.3		
BCR343A		297	22.0	19.0	77.5	85	6	9.5		





MERCEDES-BENZ

MB100

D, D (631.332, 631.342), D (631.333, 631.343, 631.334, 631.344), D (631.340) 41-55kW	1996→	F	**29 835 21,70 40 4**	4	29 835	FVR1522	238	175	85	22			UAI103	**BCR221A**
		R	**29 835 21,70 40 4**	4	29 835	FVR1522	238	175	85	22			UAI103	**BCR221A**

MB140

MB140		F	**20 984 17,00 41 5***	4	20 984	FVR792		167	62	17	* use/verwenden FVR792		FAC152	

Sprinter (905)

616 Cdi	01/04→	F	**FVR1791**	4	29237	FVR1791	290	169.0	64.5	17.9				
		R	**29 835 22,00 40 4**	4	29835	FVR501	304	175.0	85.0	22.0				

Sprinter 2-T (901, 902)

208D, 210D, 212D, 214 58-90kW	1995→04/00	F	**21 576 19,00 40 3**	4	21 576	FVR1038	276	156	65	19	Alternative FVR1038		FWI246	**BCR228A**
		R	**21 621 17,00 40 3**	4	21 621	FVR1039	272	141	49	17	2,5 ton		FWI278	**BCR229A**
							258				3,5 ton		FWI278	**BCR230A**
208CDi, 211CDi, 213CDi, 214NGT, 216CDi 60-115kW	05/00→05/06	F	**21 576 19,00 40 3**	4	21 576	FVR1038	276	156	65	19			FWI246	**BCR228A**
		R	**21 621 17,00 40 3**	4	21 621	FVR1039	272	141	49	17	2,5 ton		FWI278	**BCR229A**
							258				3,5 ton		FWI278	**BCR230A**

Sprinter 3-T (903)

308 D, 310 D, 312 D, 312 D 4x4, 314 58-105kW	02/95→04/00	F	**21 576 19,00 40 3**	4	21 576	FVR1038	276	156	65	19			FWI246	**BCR228A**
			23 022 20,60 40 4*	4	23 022	FVR1304	276	135	66	21	* use/verwenden FVR1304		FWI246	**BCR228A**
		R	**21 621 17,00 40 3**	4	21 621	FVR1039	272	141	49	17	2,5 ton		FWI278	**BCR229A**
			23 901 18,50 40 4	4	21 592	FVR1876	272	156	55	19			FWI246	**BCR229A**
			23 021 18,60 40 4*	4	23 021	FVR1306	272	126	63	19	* use/verwenden FVR1306		FWI246	**BCR229A**
308 CDI, 311 CDI, 311 CDI 4x4, 313 CDI, 313 CDI 4x4, 314 NGT, 314 4x4, 316 CDI, 316 CDI 4x4 60-115kW	05/00→05/06	F	**21 576 19,00 40 3**	4	21 576	FVR1038	276	156	65	19			FWI246	**BCR228A**
			23 022 20,60 40 4*	4	23 022	FVR1304	276	135	66	21	* use/verwenden FVR1304		FWI246	**BCR228A**
		R	**21 621 17,00 40 3**	4	21 621	FVR1039	272	141	49	17	2,5 ton		FWI278	**BCR229A**
			21 621 17,00 40 3	4	21 621	FVR1039	258	141	49	17	3,5 ton		FWI278	**BCR230A**
			23 901 18,50 40 4	4	21 592	FVR1876	272	156	55	19			FWI246	**BCR229A**
			23 021 18,60 40 4*	4	23 021	FVR1306	272	126	63	19	* use/verwenden FVR1306		FWI246	**BCR229A**
308 D, 310 D, 312 D, 312 D 4x4, 314 58-105kW	02/95→04/00	R	**21 621 17,00 40 3**	4	21 621	FVR1039	258	141	49	17	3,5 ton		FWI278	**BCR230A**

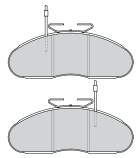
Sprinter 3-T (906)

209 CDI, 211 CDI, 213 CDI, 215 CDI, 218 CDI 48, 59, 70, 81, 99kW	06/06→	F	**29 192 20,80 41 4**	4	29 192	FVR1778	300	163.2	66.9	20.8			FWI294	**BCR310A**
		R	**29 190 19,70 42 3**	4	29 190	FVR1780	298	136.9	63.0	19.7			FWI311	**BCR311A**

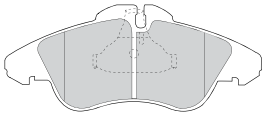
Sprinter 4-T (904)

408 D, 410 D 4x4, 412 D, 412 D 4x4, 414, 414 4x4 58-105kW	02/95→04/00	F	**21 576 19,00 40 3**	4	21 576	FVR1038	276	156	65	19			FWI246	**BCR228A**
			23 022 20,60 40 4*	4	23 022	FVR1304	276	135	66	21	* use/verwenden FVR1304		FWI246	**BCR228A**
		R	**29 153 19,70 40 4**	4	29 153	FVR1879	285	165	73	19.7			FWI278	**BCR191A**
			23 021 18,60 40 4*	4	23 021	FVR1306	272	126	63	19	* use/verwenden FVR1306		FWI246	**BCR229A**
408 CDI, 411 CDI, 411 CDI 4x4, 413 CDI, 413 CDI 4x4, 414, 414 4x4, 416 CDI, 416 CDI 4x4 60-115kW	05/00→05/06	F	**29 153 19,70 40 4**	4	29 153	FVR1879	276	165	73	19.7			FWI278	**BCR228A**
			23 022 20,60 40 4*	4	23 022	FVR1304	276	135	66	21	* use/verwenden FVR1304		FWI246	**BCR228A**
		R	**29 153 19,70 40 4**	4	29 153	FVR1879	285	165	73	19.7			FWI278	**BCR191A**
			23 021 18,60 40 4*	4	23 021	FVR1306	272	126	63	19	* use/verwenden FVR1306		FWI246	**BCR229A**

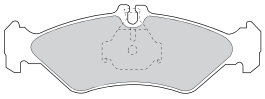
20 984 17,00 41 5*
1708



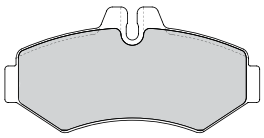
21 576 19,00 40 3
4507



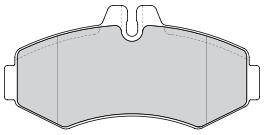
21 621 17,00 40 3
4507



23 021 18,60 40 4*
4801

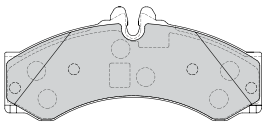


23 022 20,60 40 4*
4801

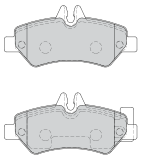


23 901 18,50 40 4
4260

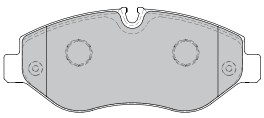
29 153 19,70 40 4
4020



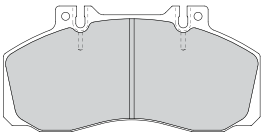
29 190 19,70 42 3
4156



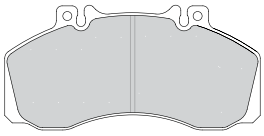
29 192 20,80 41 4
4020



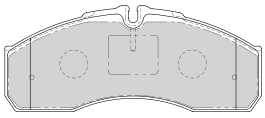
29 835 21,70 40 4
4027



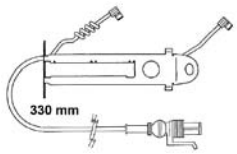
29 835 22,00 40 4
3422



FVR1791
4020



FAC152 ↔
2



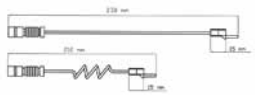
FWI246 ↔ 210mm
2

FWI278 ↔ 189mm
2

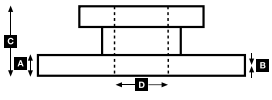
FWI294 ↔ 109mm
2

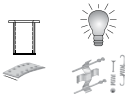
FWI311 ↔ 95mm
2

UAI103 ↔ 238mm
2+2



		∅	A	B	C	D		Kg	
BCR191A		285	22.0	19.0	93	120	6x15,1	7.0	
BCR221A		238	16.0	14.5	79	102	5xM14	6.5	✓
BCR228A		276	22.0	19.0	77	85	5x15 1x9/17 1x16/23	6.8	
BCR229A		272	16.0	14.0	96	85	5x15 1x9/17 1x16/23	6.9	
BCR230A		258	12.0	10.0	96	85	5x15 1x9/17 1x16/23	6.2	
BCR310A		300	28.0	26.0	68.5	85	6x15 1x9	9.2	
BCR311A		298	16.0	14.8	71	85	6x15 1x9	7.3	





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Sprinter 5-T (906)

509 CDI, 511 CDI, 515 CDI, 518 CDI 48, 59, 70, 81, 99kW	06/06→	F	**29 200 20,70 41 4**	4	29 200	FVR1777	300	169.3	73.5	20.7			FWI294	**BCR310A**
		R	**29 217 20,60 41 4**	4	29 217	FVR1779	303	164.98	78.4	20.6			FWI293	**BCR312A**

T 1 (601)

207 D 2.4, 208 2.3, 208 D 2.3, 209 D 2.9, 210 2.3, 210 D 2.8, 210 D 2.9 48-77kW	04/77→02/96	F	**29 784 18,00 40 4**	4	29 784	FVR239	280	149	74	18	alternative FVR239		UAI102	**BCR116A**

T 1 (602)

307 D 2.4, 308 D 2.3, 309 D 3.0, 310 D 2.9 48-72kW	1982→02/96	F	**29 784 18,00 40 4**	4	29 784	FVR239	280	149	74	18	alternative FVR239		UAI102	**BCR116A**

T 1/TN

407 D, 408 D, 409 D, 410, 410 D 53-70kW	07/81→06/95	F	**29 784 18,00 40 4**	4	29 784	FVR239	280 280	149	74	18	alternative FVR239		UAI102	**BCR116A** **BCR117A**

T 1-Series:

208, D 209 D 65kW /88PS 210 77kW /105PS 210 D 70kW /95PS	1977→09/82 09/82→1994 1982→1994	R	**11 019 08,00 60 5**	2 1 1	11 582 11 019 11 025	MB/90/1 MB/91/2 MB/91/3	230 230 230	174 207 207	34 34 34	8,0 8,0 8,0		93021 93021 93021	UAI200 UAI200 UAI200	
308, D 309 D 65kW /88PS 310 77kW /105PS 310 D 70kW /95PS	1977→09/82 09/82→1994	R	**13 020 08,00 60 3**	2 2	13 532 13 020	MB/88/1 MB/89/2	260 260	201 233	54 54	8,0 8,0		93021 93021	UAI200 UAI200	
409 65kW /88PS 410 70kW /95PS 508 510	1982→1994 1986→1994	R	**15 030 08,00 60 3**	2 2	15 742 15 030	MB/80/2 MB/81/3	270 270	211 244	79 79	8,0 8,0		93038 93038	UAI200 UAI200	

T 2/L

L 608 D, L 613 D 63-96kW	01/70→12/88	F	**29 784 18,00 40 4**	4	29 784	FVR239	280	149	74	18	alternative FVR239		UAI102	**BCR117A**

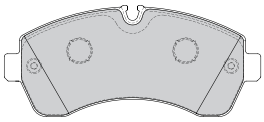
T 2/LN1

508 D, 510	04/86→12/94	F	**29 784 18,00 40 4** **29 835 21,70 40 4**	4 4	29 784 29 835	FVR239 FVR1522	280 324 280 304	149 175	74 85	18 22	alternative FVR239 alternative FVR1522		UAI102 UAI103	**BCR117A** **BCR119A** **BCR116A** **BCR118A**

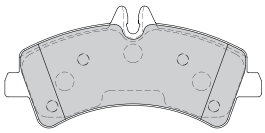
T 2-Series:

507 D, 508 D, 510 D (4, 6 to)	1986→08/96	R	**15 030 08,00 60 3**	2 2	15 742 15 030	MB/80/2 MB/81/3	270 270	211 244	79 79	8,0 8,0		93038 93038	UAI200 UAI200	
		R	**15 059 09,30 60 3**	2 2	15 869 15 059	MB/107/1 MB/108/2	300 300	237 264	87 87	9,3 9,3		93047 93047	UAI201	
		R	**17 350 09,30 60 3**	2 2	17 973 17 350	MB/100/1 MB/101/2	300 300	237 264	102 102	9,3 9,3		93048 93048	UAI201	
		R	**17 351 09,30 60 3**	2 2	17 975 17 351	MB/117/1 MB/118/2	300 300	237 264	122 122	9,3 9,3		93048 93048	UAI201	

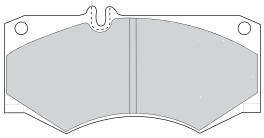
29 200 20,70 41 4
4020



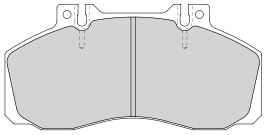
29 217 20,60 41 4
4156



29 784 18,00 40 4
1720



29 835 21,70 40 4
4027

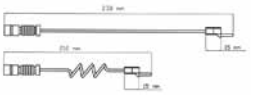


FWI293 ↔ 84mm
2

FWI294 ↔ 109mm
2

UAI102 ↔ 95mm
4

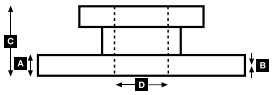
UAI103 ↔ 238mm
2+2

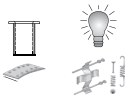


UAI200 ↔ 220mm
4

UAI201 ↔ 260mm
4

		∅	A	B	C	D		Kg	
BCR116A		280	16.0	13.0	78.5	88	5x18 5x12,5	7.0	
BCR117A		280	22.0	19.0	78.5	88	5x18 5x12,5	8.7	
BCR118A		304	30.0	26.0	91	118	6xM12	10.5	
BCR119A		324	30.0	26.0	91	118	6xM12	11.0	
BCR310A		300	28.0	26.0	68.5	85	6x15 1x9	9.2	
BCR312A		303	28.0	26.0	93	120	6x15	9.6	





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Vario

512 D 90kW	09/96→	F	**29 835 21,70 40 4**	4	29 835	FVR1522	304 324	175	85	22	alternative FVR1522		UAI103	**BCR162A** **BCR163A**
		R	**29 835 21,70 40 4**	4	29 835	FVR1522	304 324 304 324	175	85	22	 16" wheels 17.5" wheels		UAI103	**BCR164A** **BCR165A** **BCR208A** **BCR209A**
612 D, 614 D, 615 D 90-112kW	09/96→	F	**29 835 21,70 40 4**	4	29 835	FVR1522	304	175	85	22	alternative FVR1522		UAI103	**BCR162A**
		R	**29 835 21,70 40 4**	4	29 835	FVR1522	304 304	175	85	22	alternative FVR1522 16" wheels		UAI103	**BCR164A** **BCR208A**
812 D, 815 D, 815 DA, O 812, O 815 90-112kW		F	**29 835 21,70 40 4**	4	29 835	FVR1522	304 324	175	85	22	alternative FVR1522		UAI103	**BCR162A** **BCR163A**
		R	**29 835 21,70 40 4**	4	29 835	FVR1522	304 324	175	85	22	alternative FVR1522		UAI103	**BCR164A** **BCR165A**
812 DT 100-112kW	09/96→	F	**29 835 21,70 40 4**	4	29 835	FVR1522	324	175	85	22	alternative FVR1522		UAI103	**BCR163A**
		R	**29 835 21,70 40 4**	4	29 835	FVR1522	324	175	85	22	alternative FVR1522		UAI103	**BCR165A**
810 DT, 814 D, 814 DA, 814D, O 810, O 814 75-100kW	09/96→	F	**29 835 21,70 40 4**	4	29 835	FVR1522	324	175	85	22	alternative FVR1522		UAI103	**BCR163A**
		R	**29 835 21,70 40 4**	4	29 835	FVR1522	324 324	175	85	22	alternative FVR1522 17.5" wheels		UAI103	**BCR165A** **BCR209A**

V-Class (638/2)

V200 95kW	02/97→	F	**21 576 19,00 40 3**	4	21 576	FVR1038	276	156	65	19	→12/97		FWI246	**DDF860**
			23 022 20,60 40 4*	4	23 022	FVR1304		135	66	21	01/98→, * use/verwenden FVR1304		FWI246	
		R	**21 904 17,00 41 3**	4	21 904	FVR1044	280	64	57	17	→12/97			**DDF861**
			23 020 17,90 40 4*	4	23 020	FVR1305		104	53	18	01/98→, * use/verwenden FVR1305		FWI302	
V200 CDi, V220CDi	03/99→	F	**23 022 20,60 40 4***	4	23 022	FVR1304	276	135	66	21	* use/verwenden FVR1304		FWI246	**DDF860**
		R	**23 020 17,90 40 4***	4	23 020	FVR1305		104	53	18	* use/verwenden FVR1305		FWI302	
V230, V230TD, V280 72,105, 128kW	10/96→	F	**21 576 19,00 40 3**	4	21 576	FVR1038	276	156	65	19	→12/97		FWI246	**DDF860**
	09/96→	F	**23 022 20,60 40 4***	4	23 022	FVR1304		135	66	21	01/98→, * use/verwenden FVR1304		FWI246	
	08/97→	R	**21 904 17,00 41 3**	4	21 904	FVR1044	280	64	57	17				**DDF861**
			23 020 17,90 40 4*	4	23 020	FVR1305		104	53	18	* use/verwenden FVR1305		FWI302	

Vito (638):

108 CDI 2.2, 108 D 2.3 (638.064), 108 D 2.3 (638.164), 110 CDI 2.2, 110 D 2.3 (638.074), 110 TD 2.3 (638.174), 112 CDI 2.2, 113 2.0 (638.014), 113 2.0 (638.114), 114 2.3 (638.034), 114 2.3 (638.134) 58-105kW	02/96→	F	**21 576 19,00 40 3**	4	21 576	FVR1038	276	156	65	19	alternative FVR1038		FWI246	**DDF860**
			23 022 20,60 40 4*	4	23 022	FVR1304		135	66	21	* use/verwenden FVR1304			
		R	**21 904 17,00 41 3**	4	21 904	FVR1044	280	64	57	17	alternative FVR1044			**DDF861**
			23 020 17,90 40 4*	4	23 020	FVR1305		104	53	18	* use/verwenden FVR1305		FWI302	

MULTICAR

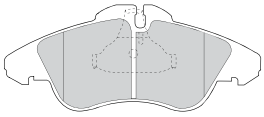
Fumo

2.8, 3.0 78, 107 kW	2001→	F	**29 153 19,70 40 4**	4	29153	FVR1879	276	164.6	73	19.7			FWI278	**BCR228A**
		R	**29 153 19,70 40 4**	4	29153	FVR1879	272	164.6	73	19.7			FWI278	**BCR229A**

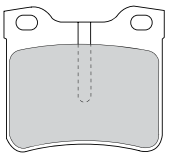
M26

2,5 62 kW	2001→	F	**FVR1761**	4	29208	FVR1761		150	56.1	17				
2,8 78 kW	2001→	F	**FVR1761**	4	29208	FVR1761		150	56.1	17				

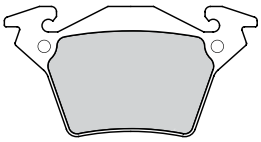
21 576 19,00 40 3
4507



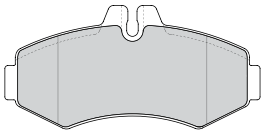
21 904 17,00 41 3
4507



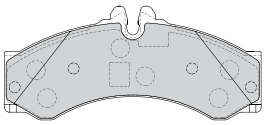
23 020 17,90 40 4*
4801



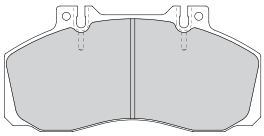
23 022 20,60 40 4*
4801



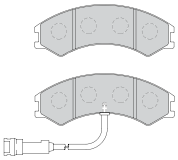
29 153 19,70 40 4
4020



29 835 21,70 40 4
4027



FVR1761
3440

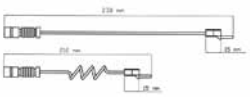


FWI246 ↔ 210mm
2

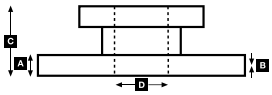
FWI278 ↔ 189mm
2

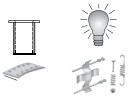
FWI302 ↔ 155mm
2

UAI103 ↔ 238mm
2+2



		∅	A	B	C	D		Kg	
BCR162A		304	30.0	26.0	91	118	6xM12	10.5	
BCR163A		324	30.0	26.0	91	118	6xM12	11.0	
BCR164A		304	30.0	26.0	120	157	6xM12	11.4	
BCR165A		324	30.0	26.0	120	157	6xM12	12.2	
BCR208A		304	30.0	27.8	120	120	6xM12	14.0	
BCR209A		324	30.0	27.8	120	120	6xM12	15.0	
BCR228A		276	22.0	19.0	77	85	5x15 1x9/17 1x16/23	6.8	
BCR229A		272	16.0	14.0	96	85	5x15 1x9/17 1x16/23	6.9	
DDF860		276	22.0	19.0	60	67	5		
DDF861		280	10.0	8.0	63	67	5		





NISSAN

Cabstar E

90.32 66kW	10/98→	F	**20 984 17,00 41 5***	4	20 984	FVR792	276	167	62	17	* use/verwenden FVR792			**BCR261A**
110.35	10/98→10/06	F	**FVR1616**	4	23434	FVR1616	290	169.0	64.5	17.9				**FCR339A**
28.11/35.13/35.17	10/06 →	F	**FVR4053**	8	29230	FVR4053		164.7	68.1	20.4				
28.11/35.13/35.18		R	**FVR4054**	4	23921	FVR4054		109.8	50.0	20.5				
45.13/45.15	10/06 →	F	**FVR4248**	4	29160	FVR4248		164.8	68.0	20.0				
45.13/45.16		R	**FVR4156**	4	29121	FVR4156		164.8	66.5	20.3				

Ebro

Wheel 17.5" Hydraulic brakes	1992→	F	**29 039 22,00 40 4**	4	29 039	FCV702		177	78	22			UAI104	
M90/150. Meritor 2x68		R	**29 039 22,00 40 4**	4	29 039	FCV702		177	78	22			UAI104	

RENAULT

Mascott

Mascott 90 63-78kW	01/99→	F	**29 121 20,30 41 4**	4	29 121	FVR1102	290	165	66	20			UAI155	**BCR183A**
		R	**29 121 20,30 41 4**	4	29 121	FVR1102	290	165	66	20			UAI155	**BCR184A**
120.55, 120.65, 160.55, 160.65, Mascott 110,	01/99→	F	**29 160 20,30 42 4**	4	29 160	FVR1390	290	164.0	69.0	20	alternative FVR1977		UAI155	**BCR182A**
Mascott 130, Mascott 140 78-115kW		R	**29 121 20,30 41 4**	4	29 121	FVR1102	290	165	66	20			UAI155	**BCR184A**

Maxity

110.35 / 130.35 / 150.35	03/07 →	F	**FVR4053**	8	29230	FVR4053		164.7	68.1	20.4				
		R	**FVR4054**	4	23921	FVR4054		109.8	50.0	20.5				
130.45 / 150.45	03/07 →	F	**FVR4248**	4	29160	FVR4248		164.8	68.0	20.0				
		R	**FVR4156**	4	29121	FVR4156		164.8	66.5	20.3				

Trafic I (80→01)

1.4, 1.6, 1.6 4x4, 1.7, 1.9D, 2.0, 2.0 4x4,	03/08→03/01	F	**29 706 17,00 40 3***	4	29 706	FVR791	276	167	62	17	* use/verwenden FVR791			
2.1 D, 2.1D 4x4, 2.2, 2.2 4x4, 2.5 D, 2.5 D 4x4											for TRW caliper			

VOLKSWAGEN

Crafter 3 T

2.5 TDI 65, 80, 100, 120kW	04/06→	F	**29 192 20,80 41 4**	4	29 192	FVR1778	300	163.2	66.9	20.8			FWI294	**BCR310A**
		R	**29 190 19,70 42 3**	4	29 190	FVR1780	298	136.9	63.0	19.7			FWI311	**BCR311A**

Crafter 5 T

2.5 TDI 65, 80, 100, 120kW	06/06→	F	**29 200 20,70 41 4**	4	29 200	FVR1777	300	169.3	73.5	20.7			FWI294	**BCR310A**
		R	**29 217 20,60 41 4**	4	29 217	FVR1779	303	164.98	78.4	20.6			FWI293	**BCR312A**

LT II (2DX0FE)

2.3, 2.5 SDI, 2.5 TDI, 2.8 TDI 65, 80, 100, 120kW	06/96→	F	**21 576 19,00 40 3**	4	21 576	FVR1038	276	156	65	19	LT28/35		FWI246	**BCR228A**
			29 153 19,70 40 4	4	29 153	FVR1879	276	165	73	19.7	LT46		FWI278	**BCR228A**
		R	**21 621 17,00 40 3**	4	21 621	FVR1039	272	141	49	17	LT28		FWI278	**BCR229A**
			23 901 18,50 40 4	4	21 592	FVR1876	258	156	55	19	LT35		FWI278	**BCR230A**
			23 021 18,60 40 4*	4	23 021	FVR1306	272	126	63	19	LT35, ch. 2DXH002120 →, * use/verwenden FVR1306		FWI246	**BCR229A**
			29 153 19,70 40 4	4	29 153	FVR1879	276	165	73	19.7	LT46		FWI278	**BCR228A**

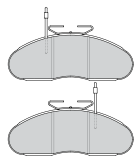
LT Series (281-363):

LT 35/40/45/50/55	04/75→1996	F	**FVR129**	4	20280	FVR129		90.0	74.0	18.2				

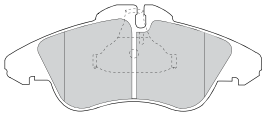
LT Series (281-363):

LT 35, Diesel, Double tyres	04/75→1996	R	**15 775 07,00 60 4**	4	15 775	VN/19/1	270	212	65	7,0		93021		

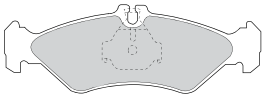
20 984 17,00 41 5*
1708



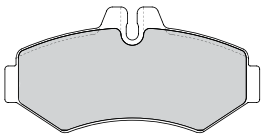
21 576 19,00 40 3
4507



21 621 17,00 40 3
4507

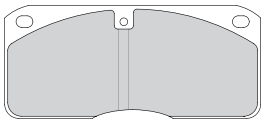


23 021 18,60 40 4*
4801

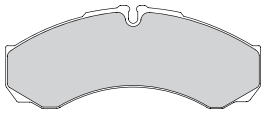


23 901 18,50 40 4
4260

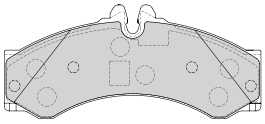
29 039 22,00 40 4
3422 MER 2x68



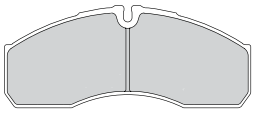
29 121 20,30 41 4
4401



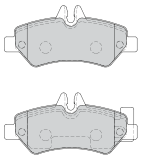
29 153 19,70 40 4
4020



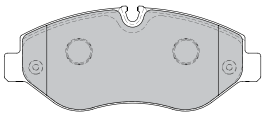
29 160 20,30 42 4
4401



29 190 19,70 42 3
4156



29 192 20,80 41 4
4020



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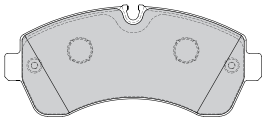
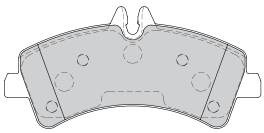
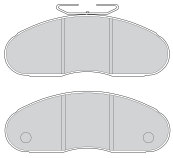
4020



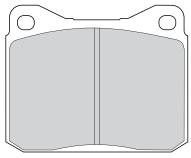
29 217 20,60 41 4
4156



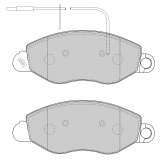
29 706 17,00 40 3*
1708



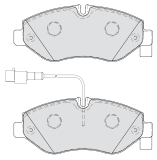
FVR129
4199



FVR1616
4020



FVR4053
4311



FVR4054
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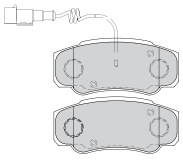
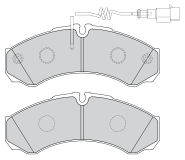
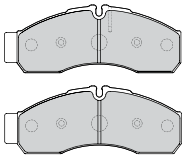


FVR4156
4371



FVR4248
4401



FWI246 ↔ 210mm
2

FWI278 ↔ 189mm
2

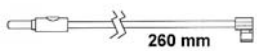
FWI293 ↔ 84mm
2

FWI294 ↔ 109mm
2

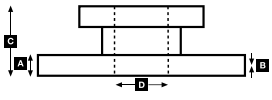
FWI311 ↔ 95mm
2

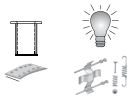
UAI104 ↔ 235mm
2

UAI155 ↔ 260mm
2



		∅	A	B	C	D		Kg	
BCR182A		290	26.0	24.0	43	102	10x10,5	7.0	
BCR183A		290	22.0	20.4	43	102	10x10,5	6.0	
BCR184A		290	22.0	20.4	78	150	8X11	8.0	
BCR228A		276	22.0	19.0	77	85	5x15 1x9/17 1x16/23	6.8	
BCR229A		272	16.0	14.0	96	85	5x15 1x9/17 1x16/23	6.9	
BCR230A		258	12.0	10.0	96	85	5x15 1x9/17 1x16/23	6.2	
BCR261A		276	24.0	22.0	49.5	96	5	7.1	
BCR310A		300	28.0	26.0	68.5	85	6x15 1x9	9.2	
BCR311A		298	16.0	14.8	71	85	6x15 1x9	7.3	
BCR312A		303	28.0	26.0	93	120	6x15	9.6	
FCR339A		290	26.0	23.0	53	96	6	8.4	





AEC

Mammoth Minor & Major

691/760	1965→1975	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Mandator

691/760 & V8.800	1966→1975	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Marshall 2

6 Wheel	1972→1973	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
8 Wheel	1972→1975	F1	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		F2	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Marshall Major & TGM6

All	1974→1975	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Mercury

471/505	1965→1967	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Mercury 2

TGM4R	1971→1975	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Monarch

505	1966→1967	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
TGM4L/RE	1971→1975	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

TGM6, RT, RS

All	1964→1971	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

TGM8, RT, RS

All	1969→1975	F1	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		F2	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

ASTRA

BM

BM304, BM305		F	**59 234 19,10 60 8**	8	59 234	RW/27/1	410	202	200	▶19,1		93686		
		R	**59 234 19,10 60 8**	8	59 234	RW/27/1	410	202	200	▶19,1		93686		

ATE BREMSEN

All

Mercedes-Benz		F	**21 576 19,00 40 3**	4	21 576	FVR1038		156	65	19				
Volkswagen		R	**21 904 17,00 41 3**	4	21 904	FVR1044		64	57	17				
			21 621 17,00 40 3	4	21 621	FVR1039		141	49	17				
			21 592 18,80 40 3	4	21 592	FVR1045		156	55	19				

AVIA - DAEWOO (Czech)

A60, A75, A80

Wheel = 17.5" Hydraulic Brakes. Wabco 456F-0	01/97→	F	**29 017 23,00 40 4**	4	29 017	FCV376	315	191	89	23				**BCR101A**

A60, A75, A80

		R	**15 817 12,10 60 3**	2	15 817	MP/37/1	325	301	97	12,1		93060		
				2	15 823	MP/38/1	325	251	97	12,1		93060		

D60, D75, D80, D95

Wheel = 17.5" 110kW	01/99→	F	**29 017 23,00 40 4**	4	29 017	FCV376	315	191	89	23				**BCR101A**

D60, D75, D80, D95

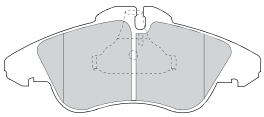
		R	**15 817 12,10 60 3**	2	15 817	MP/37/1	325	301	97	12,1		93060		
				2	15 823	MP/38/1	325	251	97	12,1		93060		

AWD

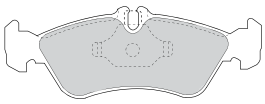
4x4 Multi Purpose Units

M 1120	1991→	F	**19 306 16,50 60 8**	8	19 306	GG/216/1	360	173	170	▶16,5		93683		
MT 12-16	1991→06/92	R	**19 306 16,50 60 8**	8	19 306	GG/216/1	360	173	170	▶16,5		93683		
MT 12-18														

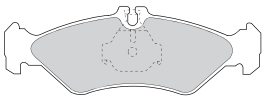
21 576 19,00 40 3
4507



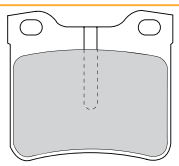
21 592 18,80 40 3
4507



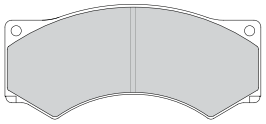
21 621 17,00 40 3
4507



21 904 17,00 41 3
4507



29 017 23,00 40 4
3422 WAB 456 F-Ö

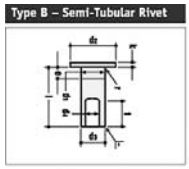


BCR101A

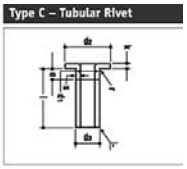
⌀	A	B	C	D		Kg
315	26.0	24.0	122	119	10xM12	13.1

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

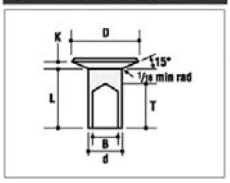
Type B – Semi-Tubular Rivet

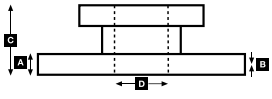


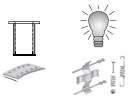
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...AWD

6x4 Rigids & Tippers

TL 24.27	1991→06/92	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3		93683/ 93685		

8x6 Multi-Drives

MTL 33.27	1991→06/92	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

MTM 55

(8x6)	1988→	F1	**59 234 19,10 60 8**	8	59 234	RW/27/1	410	202	200	►19,1	Opt.	93686		
		F2	**59 234 19,10 60 8**	8	59 234	RW/27/1	410	202	200	►19,1	Opt.	93686		
		R1	**59 234 19,10 60 8**	8	59 234	RW/27/1	410	202	200	►19,1	Opt.	93686		
		R2	**59 234 19,10 60 8**	8	59 234	RW/27/1	410	202	200	►19,1	Opt.	93686		

TK, TK M Series

All	01/88→	F	**21 188 18,30 40 3***	4	21 188	FVR511		110	73	18	01/86→12/88, * use/verwenden FVR511			
		F	**29 041 18,30 41 4***	4	29 041	FVR655		110	73	18	01/89→, * use/verwenden FVR655			

TL Range:

All	01/88→	F	**21 188 18,30 40 3***	4	21 188	FVR511		110	73	18	01/86→12/88, * use/verwenden FVR511			
			29 041 18,30 41 4*	4	29 041	FVR655		110	73	18	01/89→, * use/verwenden FVR655			
TL 7.14, TL 8.14, TL 9.14	07/92→	F	**29 302 21,90 40 4**	4	29 302	FCV523		176	80	22				
		R	**29 302 21,90 40 4**	4	29 302	FCV523		176	80	22				

TL Range:

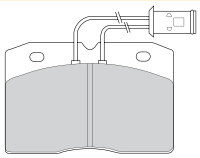
4x2 Tractors TL 18.16 4x2 Tractors TL 18.18 4x2 Tractors TL 20.16 4x2 Tractors TL 20.18 4x2 Tractors TL 21.16 4x2 Tractors TL 21.18 TL 10.14 TL 12.14 TL 12.16 TL 13.14 TL 13.16	1991→06/92	F	**19 306 16,50 60 8**	8	19 306	GG/216/1	360	173	170	►16,5		93683		
		R	**19 306 16,50 60 8**	8	19 306	GG/216/1	360	173	170	►16,5		93683		
TL 17.18	1988→06/92	F	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	►19,3		93683		
		R	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	►19,3		93683		
TL 17.27	1991→06/92	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

BEDFORD

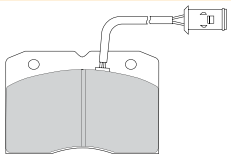
All

KH (Rigid)	1971→1987	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
TK 1470	1977→1987	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
TL 24-27	02/93→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R1	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3		93683/ 93685		
		R2	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3		93683/ 93685		
TL 1470 DMY, DMT, SMT	1980→1987	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
		R	**19 622 12,70 60 4**	4	19 622	LH/82/2	394	354	152	12,7				
TL 1470 DOT	1980→1987	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
		R	**19 622 12,70 60 4**	4	19 622	LH/82/2	394	354	152	12,7				
TM 2300	1977→1987	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

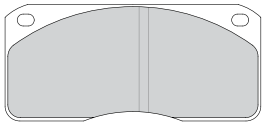
21 188 18,30 40 3*
4508



29 041 18,30 41 4*
1721

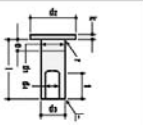


29 302 21,90 40 4
1720 MER 2x68

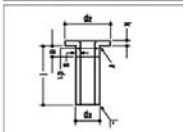


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

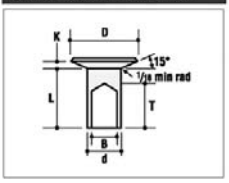
Type B – Semi-Tubular Rivet

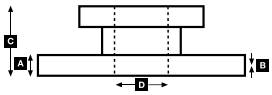


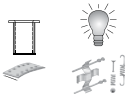
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...BEDFORD

M Series:

MT 12-16	02/93→	F	**19 306 16,50 60 8**	8	19 306	GG/216/1	360	173	170	►16,5		93683	
MT 12-18		R	**19 306 16,50 60 8**	8	19 306	GG/216/1	360	173	170	►16,5		93683	

DAF

50 Series

FA 50.130	1992→	F	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	
FA 50.150		R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	
FA 50.160													
FA 50.180	10/94→												

50 Series Freighters:

FA 50.130	1990→1992	F	**17 217 11,70 60 4**	4	17 217	GG/194/1	330	295	125	11,7		93684	
FA 50.160		R	**17 932 10,00 60 3**	2	17 933	GG/186/1	330	295	127	►8,5			
				2	17 932	GG/187/1	330	340	127	►10,0			
FA 50.150	1990→1992	R	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	* use/verwenden		
											K17316.0-F3658	93683	

65 CF Series

FA 65.180, FA 65.220, FA 65.250 136-184kW	01/01→	F	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	ProTec S version		
			29 179 30,00 41 4	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad		
		R	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	ProTec S version		
			29 179 30,00 41 4	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad		

65 CF Series

FA 65 CF 180 133kW /181PS	02/98→	F	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686	
FA 65 CF 210 156kW /212PS				4	19 010	DF/45/1	420	176	150	►20,8		93686	
FA 65 CF 240 177kW /241PS		R	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685	
FAV 65 CF 180 (4x4) 133kW/181PS				4	19 064	DF/49/1	420	176	200	►20,8		93685	
FAV 65 CF 210 156kW /212PS													

75 CF-Series

FA 75.250, FA 75.310, FA 75.360, FAG 75.250,	01/01→	F	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	ProTec S version		
FAG 75.310, FAG 75.360, FAR 75.250, FAR 75.310,			**29 179 30,00 41 4**	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad		
FAR 75.360, FAT 75.250, FAT 75.310, FAT 75.360,		R	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	ProTec S version		
FT 75.250, FT 75.310, FT 75.360 183-265kW			**29 179 30,00 41 4**	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad		

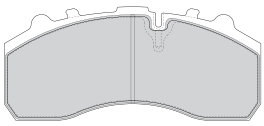
75 CF-Series

FA 75 CF 250 183kW /249PS	02/98→	F	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686	
FA 75 CF 290 212kW /288PS				4	19 010	DF/45/1	420	176	150	►20,8		93686	
FAG, FAN 75 CF 2500 (6x2/4) 183kW/249PS		R1	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685	
FAG, FAN 75 CF 320 (6x2/4)				4	19 064	DF/49/1	420	176	200	►20,8		93685	
FAR, FAS 75 CF 250 (6x2)		R2	**19 052 20,60 60 6**	4	19 052	DF/46/1	420	177	175	►20,6	6x2/6x4	93686	
FAR, FAS 75 CF 290 (6x2)				4	19 055	DF/47/1	420	176	175	►20,8		93686	
FAR, FAS 75 CF 320 (6x2)													
FAT 75 CF 250 183kW /249PS													
FAT 75 CF 290 (6x4) 212kW/288PS													
FAT 75 CF 320 (6x4) 235kW/320PS													
FT 75 CF 250 (4x2) 183kW/249PS													
FT 75 CF 290 (4x2) 212kW/288PS													
FT 75 CF 320 (4x2) 235kW/320PS													

80 Series

FAD 80.250 (8x4)	1991→	F	**19 542 19,20 60 8**	8	19 542	RW/25/1	381	180	200	►19,2		93684	
FAD 80.260 (8x4)		R	**19 542 19,20 60 8**	8	19 542	RW/25/1	381	180	200	►19,2		93684	
FAD 80.270 (8x4)													
FAD 80.300 (8x4)													
FAD 80.330 (8x4)													
FAT 80.260 (6x4)													
FT 80.300	1990→1991	F	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	►19,3		93683	
FT 80.330		R	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	►19,3		93683	
FTG 80.330	1990→1991	F	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	►19,3		93683	
		R2	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	►19,3		93683	

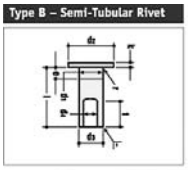
29 179 30,00 41 4
4576 KNR SB/SN7



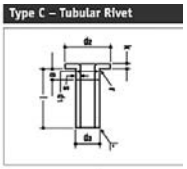
29 253 30,00 41 4
4567 KNR SB/SN7

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

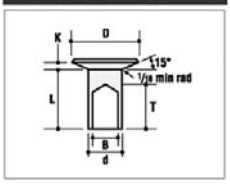
Type B – Semi-Tubular Rivet

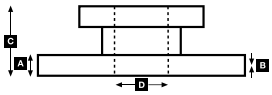


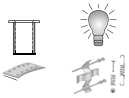
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...DAF

85 CF-Series

FA 85.340, FA 85.380, FA 85.430, FA 85.480, FAD, FAD 85.380, FAD 85.430, FAD 85.480, FAG 85.340, FAG 85.380, FAG 85.430, FAG 85.480, FAR 85.340, FAR 85.380, FAR 85.430, FAR 85.480, FAT 85.340, FAT 85.430, FAT 85.480, FT 85.340, FT 85.380, FT 85.430, FT 85	01/01→	F	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	ProTec S version			
			29 179 30,00 41 4	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad			
		R	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	ProTec S version			
			29 179 30,00 41 4	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad			

Blueline

Bear 22/24 ton GVW	1973→1975	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
Bison 22t GVW	1973→1984													
Bison 22t GVW (BN50)	1969→1982													
Buffalo (16/32 ton rigid)	1971→1981													
Clydesdale	1971→1982													
Clydesdale CD40/CD41														
Lynx LX50 (16 ton GVW rigid)	1969→1980													
Lynx LX50 (26/28 ton GVW tractor)														
Marathon MTL 38-28 Drawbar	1977→1981													
Reiver	1974→1982													
Super Buffalo 24t GVW	1973→1981													
Super Comet	1973→1975													
Octopus	1975→1981	F1	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		F2	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Boxer

BX1425	1969→1982	F	**19 622 12,70 60 4**	4	19 622	LH/82/2	394	354	152	12,7				
BX1450	1975→1982													
BX16 Tractive unit	1973→1982	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
		R	**17 662 09,50 60 3**	2	17 662	GG/163/1	330	300	127	9,5		93684		
				2	17 663	GG/164/1	330	343	127	9,5		93684		
BX1600	1971→1983	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

F 1000

FA 1000 CB, FA 1000 CN 96-108kW	12/86→12/92		**29 017 23,00 40 4**	4	29 017	FCV376	312	191	89	23				**FCR102A**

F 45 Series

FA 45.120-035, FA 45.120-06, FA 45.130 B06, FA 45.130 C06, FA 45.150 B08,FA 45.150 C08, FA 45.150 B11, FA 45.150 C11, FA 45.150 C09, FA 45.150-10, FA 45.150 B10, FA 45.160 -10, FA 45.160 C08, FA 45.160 C09, FA 45.160 C11, FA 45.180, FA45.210 85-158kW	05/91→12/00	F	**29 017 23,00 40 4**	4	29 017	FCV376	312	191	89	23				**FCR102A**
			29 024 23,00 41 3*	4	29 024	FCV503		191	89	23	* use/verwenden FCV503			

F 45 Series (10 & 11 ton)

FA 45.150 C09 108kW /147PS	05/91→2001	R	**17 900 12,10 60 3**	2	17 900	MP/39/1	325	301	147	12,1		93057		
FA 45.160 C09 119kW /162PS				2	17 901	MP/40/1	325	251	147	12,1		93057		
FA 45.160 C11 119kW /162PS														
FA 45.160-10 119kW /162PS														
FA 45.180 B10 133kW /181PS	05/95→2001													
FA 45.180 B11 133kW /181PS														
FA 45.210 B11 158kW /215PS														

F 45 Series (3,5-7,7 ton)

FA 45.130 B06, C06 97kW/132PS	05/91→2001	R	**15 817 12,10 60 3**	2	15 817	MP/37/1	325	301	97	12,1		93060		
FA 45.130 B08, C08				2	15 823	MP/38/1	325	251	97	12,1		93060		
FA 45.150 B08, C08 107kW/146PS														
FA 45.160 C08 119kW /162PS														
FA 45.180 B08 133kW /181PS	05/95→2001													
FA 45.210 B08 158kW /215PS	1996→2001													

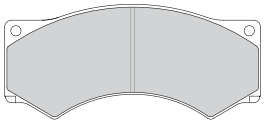
F 50 Series

FA 50 Wheel = 19,5" Air Brake Wabco 1600 V-G	→05/95	F	**29 077 27,00 40 3**	4	29 077	FCV1042	375	205	106	27				**BCR151A**

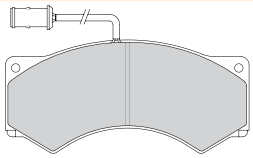
F 55 Series

FA 55.150 B13, FA 55.180 B13, FA 55.180 B15, FA 55.210 B13, FA 55.210 B15, FA 55.230 B13, FA 55.230 B15, FAG 55.210 B 21 107-173kW	11/95→12/00	F	**29 077 27,00 40 3**	4	29 077	FCV1042	375	205	106	27				**BCR151A**

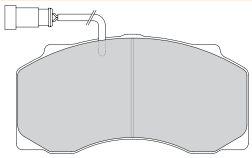
29 017 23,00 40 4
3422 WAB 456 F-Ö



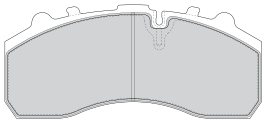
29 024 23,00 41 3*
1721 WAB 456 F-Ö



29 077 27,00 40 3
1721 WAB 1600 V-G



29 179 30,00 41 4
4576 KNR SB/SN7

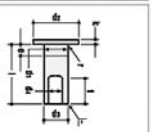


29 253 30,00 41 4
4567 KNR SB/SN7

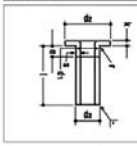
		∅	A	B	C	D		Kg	
BCR151A		375	44.0	37.0	128	154	10xM14	25.0	
FCR102A		312	30.0	27.5	137	133	12xM12	14.6	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

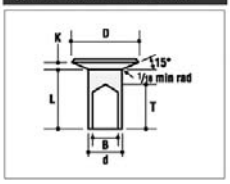
Type B – Semi-Tubular Rivet

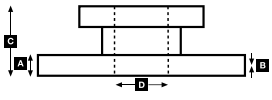


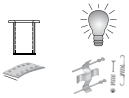
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...DAF

F 55 Series

FA 55.180 B13 Wabco 1600 V-G 133kW /182PS FA 55.180 B15 Wabco 1600 V-G 133kW /182PS FA 55.210 B13 Wabco 1600 V-G 158kW /215PS FA 55.210 B15 Wabco 1600 V-G 158kW /215PS FA 55.230 B13 Wabco 1600 V-G 173kW /235PS FA 55.230 B15 Wabco 1600 V-G 173kW /235PS FAG 55.210 B21 158kW/215PS	11/95→2001	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058		

F 600

FA 600 CD 85kW	12/86→12/92	F	**29 017 23,00 40 4**	4	29 017	FCV376	315	191	89	23				**BCR101A**

F 65 Series

FA 65.180 (4x2) 133kW/181PS	03/93→02/98	F	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686		
FA 65.210 156kW /212PS				4	19 010	DF/45/1	420	176	150	►20,8		93686		
FA 65.240 177kW /240PS	05/96→02/98	R	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685		
FAV 65.180 (4x4) 133kW/181PS	03/93→02/98			4	19 064	DF/49/1	420	176	200	►20,8		93685		
FAV 65.210 156kW /212PS														

F 75 Series

FA 75.240 ATi (4x2) 180kW/245PS	07/92→02/98	F	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686		
FA 75.270 ATi (4x2) 200kW/272PS				4	19 010	DF/45/1	420	176	150	►20,8		93686		
FA 75.300 (4x2) 222kW/302PS		R1	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685		
FAG 75.240 ATi (6x2/4) 180kW/245PS				4	19 064	DF/49/1	420	176	200	►20,8		93685		
FAG 75.270, FAN 75.270 (6x2/4) 200kW/272PS		R2	**19 052 20,60 60 6**	4	19 052	DF/46/1	420	177	175	►20,6	6x2/6x4	93686		
FAG 75.300, FAN 75.300 (6x2/4) 222kW/302PS				4	19 055	DF/47/1	420	176	175	►20,8		93686		
FAN 75.240 (6x2/4) 180kW/245PS														
FAR 75.240 (6x2) 180kW/245PS														
FAR 75.270, FAS 75.270 (6x2) 200kW/272PS														
FAR 75.300 (6x2) 222kW/302PS														
FAS 75.240 (6x2) 180kW/245PS														
FAS 75.300 (6x2) 222kW/302PS														
FAT 75.270 (6x4) 200kW/272PS														
FAV 75.240 (4x4) 180kW/245PS														
FAV 75.270 (4x4) 200kW/272PS														
FT 75.240 ATi (4x2) 180kW/245PS														
FT 75.270 (4x2) 200kW/272PS														
FT 75.300 (4x2) 222kW/302PS														

F 800 Series

FA 800 CB, FA 800 CN 96-108kW	12/86→08/91	F	**29 017 23,00 40 4**	4	29 017	FCV376	315	191	89	23				**BCR101A**

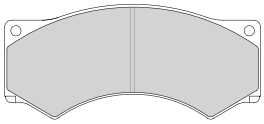
F 800 Series

FA 800 CB, FA 800 CN 96-108kW	12/86→08/91	R	**15 817 12,10 60 3**	2	15 817	MP/37/1	325	301	97	12,1		93060		
				2	15 823	MP/38/1	325	251	97	12,1		93060		

F 85 CF Series

FA 85 CF 340 (4x2) 250kW/340PS	02/98→	F	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686		
FA 85 CF 380 (4x2) 280kW/381PS				4	19 010	DF/45/1	420	176	150	►20,8		93686		
FT 85 CF 340 (4x2) 250kW/340PS		R	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685		
FT 85 CF 380 (4x2) 280kW/381PS				4	19 064	DF/49/1	420	176	200	►20,8		93685		
FAC 85 CF 430 (8x2) 315kW/428PS														
FAD 85 CF 340 (8x4/4) 250kW/340PS														
FAD 85 CF 380 (8x4/4) 280kW/381PS														
FAD 85 CF 430 (8x4/4) 315kW/428PS														
FAG 85 CF 340 (6x2/4) 250kW/340PS														
FAG 85 CF 380 (6x2/4) 280kW/381PS														
FAG 85 CF 430 (6x2/4) 315kW/428PS														
FAN 85 CF 340 (6x2/4) 250kW/340PS														
FAN 85 CF 380 (6x2/4) 280kW/381PS														
FAN 85 CF 430 (6x2/4) 315kW/428PS														
FAR 85 CF 340 (6x2) 250kW/340PS														
FAR 85 CF 380 (6x2) 280kW/381PS														
FAR 85 CF 430 (6x2) 315kW/428PS														
FAS 85 CF 340 250kW/340PS														
FAS 85 CF 380 280kW/381PS														

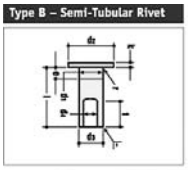
29 017 23,00 40 4
3422 WAB 456 F-Ö



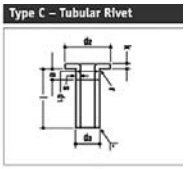
		∅	A	B	C	D		Kg	
BCR101A		315	26.0	24.0	122	119	10xM12	13.1	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

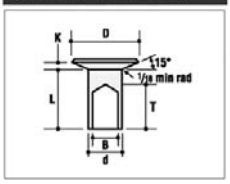
Type B – Semi-Tubular Rivet

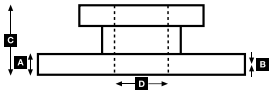


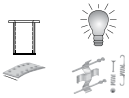
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...DAF

...F 85 CF Series

FAS 85 CF 430 315kW/428PS FAT 85 CF 340 (6x4) 250kW/340PS FAT 85 CF 380 (6x4) 280kW/381PS FAT 85 CF 430 (6x4) 315kW/428PS FTG 85 CF 340 (6x2/4) 250kW/340PS FTG 85 CF 380 (6x2/4) 280kW/381PS FTG 85 CF 430 315kW /428PS FTT 85 CF 340 (6x4) 250kW/340PS FTT 85 CF 430 (6x4) 315kW/428PS														

F 85 Series

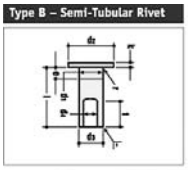
FA 85.330 ATi (4x2) 242kW/330PS	07/92→02/98	F	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686		
FA 85.360 ATi (4x2) 268kW/365PS				4	19 010	DF/45/1	420	176	150	►20,8		93686		
FA 85.400 ATi (4x2) 295kW/401PS	03/95→02/98	R	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685		
FT 85.330 ATi (4x2) 242kW/330PS	07/92→02/98			4	19 064	DF/49/1	420	176	200	►20,8		93685		
FT 85.360 ATi (4x2) 268kW/365PS														
FT 85.400 ATi (4x2) 295kW/401PS	03/95→02/98													
FAD 85.330 ATi (8x4) 242kW/330PS	07/92→02/98	F1	**19 052 20,60 60 6**	4	19 052	DF/46/1	420	177	175	►20,6		93686		
FAD 85.360 ATi (8x4) 268kW/365PS				4	19 055	DF/47/1	420	176	175	►20,8		93686		
FAD 85.400 ATi (8x4) 295kW/401PS	03/95→02/98	F2	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686		
				4	19 010	DF/45/1	420	176	150	►20,8		93686		
		R1	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685		
				4	19 064	DF/49/1	420	176	200	►20,8		93685		
		R2	**19 052 20,60 60 6**	4	19 052	DF/46/1	420	177	175	►20,6		93686		
				4	19 055	DF/47/1	420	176	175	►20,8		93686		
FAG 85.330 (6x2/2/4) 242kW/330PS	07/92→02/98	F	**19 052 20,60 60 6**	4	19 052	DF/46/1	420	177	175	►20,6		93686		
FAG 85.360 (6x2/2/4) 268kW/365PS				4	19 055	DF/47/1	420	176	175	►20,8		93686		
FAG 85.400 (6x2/2/4) 295kW/401PS	03/95→02/98	R1	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686		
FAR 85.330 (6x2/2/4) 242kW/330PS	07/92→02/98			4	19 010	DF/45/1	420	176	150	►20,8		93686		
FAR 85.360 (6x2/2/4) 268kW/365PS		R2	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685		
FAR 85.400 (6x2/2/4) 295kW/401PS	03/95→02/98			4	19 064	DF/49/1	420	176	200	►20,8		93685		
FAS 85.330 (6x2/2/4) 242kW/330PS	07/92→02/98													
FAS 85.360 (6x2/2/4) 268kW/365PS														
FAS 85.400 (6x2/2/4) 295kW/401PS	03/95→02/98													
FTG 85.330 (6x2/4) 242kW/330PS	07/92→02/98													
FTG 85.360 (6x2/4) 268kW/365PS														
FTG 85.400 (6x2/4) 295kW/401PS	03/95→02/98													
FAT 85.330 ATi (6x4) 242kW/330PS	07/92→02/98	F	**19 052 20,60 60 6**	4	19 052	DF/46/1	420	177	175	►20,6		93686		
FAT 85.360 ATi (6x4) 268kW/365PS				4	19 055	DF/47/1	420	176	175	►20,8		93686		
FAT 85.400 ATi (6x4) 295kW/401PS	03/95→02/98	R1	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685		
FTT 85.330 (6x4) 242kW/330PS	07/92→02/98			4	19 064	DF/49/1	420	176	200	►20,8		93685		
FTT 85.360 ATi (6x4) 268kW/365PS		R2	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685		
FTT 85.400 ATi (6x4) 295kW/401PS	03/95→02/98			4	19 064	DF/49/1	420	176	200	►20,8		93685		

F 95 / 95 XF Series

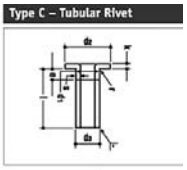
All types (306-507 PS) 420 x 150mm:	09/87→1989	F	**19 900 19,10 60 6**	4	19 900	DF/34/1	420	177	150	►19,1		93686		
				4	19 901	DF/35/1	420	179	150	►18,5		93686		
		R	**19 900 19,10 60 6**	4	19 900	DF/34/1	420	177	150	►19,1	Trailing axle	93686		
				4	19 901	DF/35/1	420	179	150	►18,5		93686		
		R2	**19 900 19,10 60 6**	4	19 900	DF/34/1	420	177	150	►19,1		93686		
				4	19 901	DF/35/1	420	179	150	►18,5		93686		
All types (306-507 PS) 420 x 175mm:	09/87→1989	F	**19 888 18,50 60 6**	4	19 888	DF/36/1	420	177	175	►18,5		93686		
				4	19 889	DF/37/1	420	179	175	►19,1		93686		
		R	**19 888 18,50 60 6**	4	19 888	DF/36/1	420	177	175	►18,5		93686		
				4	19 889	DF/37/1	420	179	175	►19,1		93686		
All types (306-507 PS) 420 x 200mm:	09/87→1989	R	**19 890 18,50 60 6**	4	19 891	DF/32/1	420	179	200	►19,1		93685		
				4	19 890	DF/33/1	420	177	200	►18,5		93685		
		R2	**19 890 18,50 60 6**	4	19 891	DF/32/1	420	179	200	►19,1		93685		
				4	19 890	DF/33/1	420	177	200	►18,5		93685		
All types with S-Cam brake 419 x 127mm:	1990→09/02		**17 012 21,55 60 6**	4	17 013	DF/40/1	419	209	127	►21,55		93686		
				4	17 012	DF/41/1	419	220	127	►21,55		93686		
All types with S-Cam brake 419 x 152mm:	1990→09/02		**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6		93686		
				4	19 031	DF/43/1	419	220	152	►20,8		93686		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

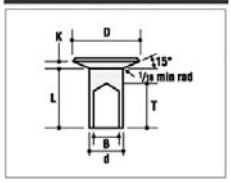
Type B – Semi-Tubular Rivet

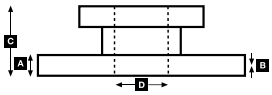


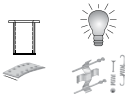
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...DAF

...F 95 / 95 XF Series

All types with S-Cam brake 420 x 150mm:	1990→09/02		**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686		
				4	19 010	DF/45/1	420	176	150	►20,8		93686		
All types with S-Cam brake 420 x 175mm:	1990→09/02		**19 052 20,60 60 6**	4	19 052	DF/46/1	420	177	175	►20,6		93686		
				4	19 055	DF/47/1	420	176	175	►20,8		93686		
All types with S-Cam brake 420 x 200mm:	1990→09/02		**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685		
				4	19 064	DF/49/1	420	176	200	►20,8		93685		

Freighter

11.11, 13, 14, 15	1983→1990	F	**17 662 09,50 60 3**	2	17 662	GG/163/1	330	300	127	9,5		93684		
				2	17 663	GG/164/1	330	343	127	9,5		93684		
		F	**17 217 11,70 60 4**	4	17 217	GG/194/1	330	295	125	11,7	Opt.	93684		
		R	**17 662 09,50 60 3**	2	17 662	GG/163/1	330	300	127	9,5		93684		
				2	17 663	GG/164/1	330	343	127	9,5		93684		
		R	**17 932 10,00 60 3**	2	17 933	GG/186/1	330	295	127	►8,5	Opt.			
				2	17 932	GG/187/1	330	340	127	►10,0				
13.11, 13, 14, 16	1982→1990	R	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	Opt. - * use/verwenden K17316.0-F3658	93683		
15.11, 14	1983→1990	F	**17 217 11,70 60 4**	4	17 217	GG/194/1	330	295	125	11,7	7" brake	93684		
16.13, 15	1981→1984	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7	Opt.	93684		
16.14	1983→1990													

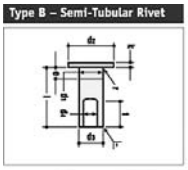
F-Series

2100		F	**17 263 18,30 60 6**	4	17 263	DF/22/3	419	209	127	►18,3		93685		
F 2000, 2005 FA/FT 121kW/165PS	1972→1989			4	17 264	DF/23/3	419	216	127	►18,8		93685		
F 2200, 2205 FA/FAS/FAT/FM/FT 159kW/216PS		R	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
3200	→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
FA 2100 150kW /204PS	1977→1989			4	19 151	DF/21/3	419	216	152	►18,8		93685		
FA 2105 DHR 150kW /204PS	1978→1989	R	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
FA 2105 DM	1980→1989			4	19 151	DF/21/3	419	216	152	►18,8		93685		
FAD 2205	1974→1989													
FAD 2305 DHU	1980→1986													
FAS 2105 DHR	1980→1989													
FAT 2305 DHRE	1980→1986													
FT 2100, 2105 DHR 150kW/204PS	1983→1989													
FT 2105 DHTD, DHT														
FTS, FTT 2200														
F 500	1978→1986	F	**17 829 10,00 60 3***	2	17 829	BT/76/1	310	245	100	10,0	* use/verwenden J1228928	93038		
F 700 (6-7, 5 to) 57kW/78PS	1975→1986			2	17 830	SA/25/1	310	209	100	10,0		93038		
		R	**17 831 10,00 60 3***	2	17 832	SA/26/1	310	245	125	10,0	* use/verwenden J1229928	93038		
				2	17 831	SA/27/1	310	209	125	10,0		93038		
F 800	1975→1986	F	**17 827 12,50 60 3***	2	17 827	SA/28/1	325	251	120	12,5	*use/verwenden J1227928			
F 900 (8-10 to)				2	17 828	SA/29/1	325	210	120	12,5				
FA 900 DE, DD	1983→1986	R	**19 620 12,50 60 3**	2	19 621	SA/30/1	325	251	150	12,5				
FA 900 DF, DT				2	19 620	SA/31/1	325	210	150	12,5				
FA 1100 DNTD 96kW/130PS	1987→1990													
FA 1100 DT 110kW/150PS	1978→1986													
FT 1100	1987→1990													
F 1100	1978→1986	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1228928			
F 1300 (G110)	1976→1986	R	**19 622 12,70 60 4**	4	19 622	LH/82/2	394	354	152	12,7				
F 1400 (G130)														
FA 1500	1978→1986													
F 2500 DHS, Turbo Intercooler 184kW/250PS	1981→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
FA 2805 DKSE 206kW/280PS	1984→1989			4	19 151	DF/21/3	419	216	152	►18,8		93685		
FAD 2525 DHS (8x4) 184kW/250PS	1983→1989	R1	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
FAR 2500 DHS (6x2) 184kW/250PS	1982→1989			4	19 260	DF/17/2	419	216	178	►18,8		93685		
FAT 2305 DHU, FT 2500	1977→1989	R2	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
FAT 2525 DHS (6x4) 184kW/250PS	1983→1989			4	19 260	DF/17/2	419	216	178	►18,8		93685		
FT & FA 2500 DHS 195kW/265PS														
FT 2500 DHS	1986→1989													
N 2800 (6x4)	1982→1989													

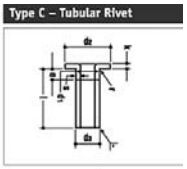
BERAL®

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

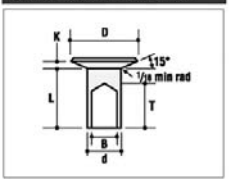
Type B – Semi-Tubular Rivet

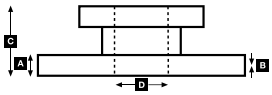


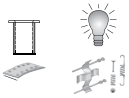
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







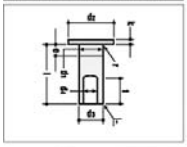
...DAF

...F-Series

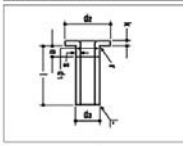
F 2800 ATi	1986→1989	F1	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
F 3200 ATi				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		F2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		R1	**19 890 18,50 60 6**	4	19 891	DF/32/1	420	179	200	►19,1		93685	
				4	19 890	DF/33/1	420	177	200	►18,5		93685	
		R2	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	6x4	93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
		R2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	Trailing axle	93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
F 3300 DKX Turbo Intercooler 243kW/330PS	1981→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
FA 3305 DKX 243kW/330PS	1984→1989			4	19 151	DF/21/3	419	216	152	►18,8		93685	
FAG 2305 DHT (6x2) 162kW/220PS	1982→1989	R1	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
FAR, FTR 3300 DKX (6x2)				4	19 260	DF/17/2	419	216	178	►18,8		93685	
FAR, FTR 3300 DKX (6x2) 243kW/330PS	1984→1989	R2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
FTR 3300 DKSE (6x2) 206kW/280PS	1983→1989			4	19 151	DF/21/3	419	216	152	►18,8		93685	
FTR 3300 DKX (6x2) 243kW/330PS	1982→1989												
FA 600/800 Wabco 465 F-O	1987→1991	R	**15 817 12,10 60 3**	2	15 817	MP/37/1	325	301	97	12,1		93060	
				2	15 823	MP/38/1	325	251	97	12,1		93060	
FA 1005 (17, 5") Wabco 465 F-O	1987→	R	**17 900 12,10 60 3**	2	17 900	MP/39/1	325	301	147	12,1		93057	
				2	17 901	MP/40/1	325	251	147	12,1		93057	
FA 1300 DNT 132kW /180PS	1987→1989	F	**19 923 16,50 60 4***	4	19 923	GG/211/1	360	351	170	►16,5	* use/verwenden B2063927	93683	
		R	**19 923 16,50 60 4***	4	19 923	GG/211/1	360	351	170	►16,5	* use/verwenden B2063927	93683	
FA 1700 DNT	1987→1995	F	**19 923 16,50 60 4***	4	19 923	GG/211/1	360	351	170	►16,5	* use/verwenden B2063927	93683	
		F	**19 306 16,50 60 8**	8	19 306	GG/216/1	360	173	170	►16,5	1/90→	93683	
		R	**19 923 16,50 60 4***	4	19 923	GG/211/1	360	351	170	►16,5	* use/verwenden B2063927	93683	
			19 306 16,50 60 8	8	19 306	GG/216/1	360	173	170	►16,5	1/90→	93683	
FA 1900	11/89→09/93	F	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686	
FA 1905				4	19 010	DF/45/1	420	176	150	►20,8		93686	
FT 1900		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	Opt.	93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
		R	**19 052 20,60 60 6**	4	19 052	DF/46/1	420	177	175	►20,6		93686	
				4	19 055	DF/47/1	420	176	175	►20,8		93686	
FA 1900 DNS, Topsleeper 156kW/212PS	1987→1989	F	**19 900 19,10 60 6**	4	19 900	DF/34/1	420	177	150	►19,1		93686	
FA 1900 DNT				4	19 901	DF/35/1	420	179	150	►18,5		93686	
FA 1905, FT 1905		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	Opt.	93685	
FA 2100, FAR 2100				4	19 260	DF/17/2	419	216	178	►18,8		93685	
FA 2500, FAR 2500	1987→	R	**19 888 18,50 60 6**	4	19 888	DF/36/1	420	177	175	►18,5		93686	
FAD 2500, FAS 2500				4	19 889	DF/37/1	420	179	175	►19,1		93686	
FAS 2100, FAT 2100	1987→1989												
FD 2100													
FD 2800	1987→												
FT 2500													
FA 2100 DH, DHTD, DHT	1983→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
FA 2105 DH, DHTD	1984→1989			4	19 151	DF/21/3	419	216	152	►18,8		93685	
FA 2505 DHS 184kW/250PS		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
FT 2100 DHT	1986→1989			4	19 260	DF/17/2	419	216	178	►18,8		93685	
FA 2105	11/89→	F	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6		93686	
FA 2505				4	19 031	DF/43/1	419	220	152	►20,8		93686	
		R	**19 052 20,60 60 6**	4	19 052	DF/46/1	420	177	175	►20,6		93686	
				4	19 055	DF/47/1	420	176	175	►20,8		93686	
FA 2300	11/89→	F	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6		93686	
FA, FT 2700				4	19 031	DF/43/1	419	220	152	►20,8		93686	
FA, FT 2900		R	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685	
				4	19 064	DF/49/1	420	176	200	►20,8		93685	
FA 2300 DHT 162kW/220PS	1983→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
FA 2300 DHT 162kW/228PS	1983→1989	R1	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
		R2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

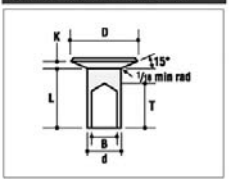
Type B – Semi-Tubular Rivet

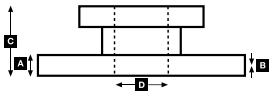


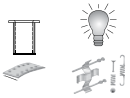
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







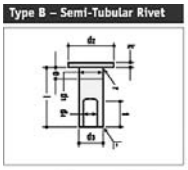
...DAF

...F-Series

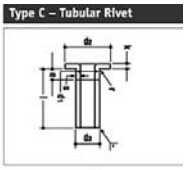
FA 2500	11/89→	F	**17 012 21,55 60 6**	4	17 013	DF/40/1	419	209	127	►21,55		93686	
				4	17 012	DF/41/1	419	220	127	►21,55		93686	
		F	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6	Opt.	93686	
				4	19 031	DF/43/1	419	220	152	►20,8		93686	
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
		R	**19 052 20,60 60 6**	4	19 052	DF/46/1	420	177	175	►20,6	Opt.	93686	
				4	19 055	DF/47/1	420	176	175	►20,8		93686	
FA 2605 DK (4x2) 156kW/212PS FA 2605 DKA (4x2) 169kW/230PS FAS 2600 DK (6x2) 156kW/212PS FAS 2600 DKH (6x2) 169kW/230PS FAT 2600 DKA (6x4) 169kW/230PS FT 2605 DK (4x2) 156kW/212PS FT 2605 DKA (4x2) 169kW/230PS FTS 2600 DK (6x2) 156kW/212PS FTS 2600 DKA (6x2) 169kW/230PS FTT 2600 DKA (6x4) 169kW/230PS	1972→1989	F	**17 263 18,30 60 6**	4	17 263	DF/22/3	419	209	127	►18,3		93685	
				4	17 264	DF/23/3	419	216	127	►18,8		93685	
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
FA 2800 DKS (4x2) FMD 2825 DKTD (8x4) 188kW/256PS	1974→1989 1982→1989	F1	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
FT 2800 DKS (4x2) FT 2800 DKT (4x2)	1974→1989	F2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	6x2 & 8x4	93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
FT 2800 DKTD (4x2) FTT 2805 DKS (6x4)		R1	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
MAG 2800 DKTL (6x2) 185kW/252PS	1982→1989	R2	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
FA 2800 DKV, Topsleeper FT 2800 DKV	1986→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686	
				4	19 617	DF/31/1	419	210	203	►18,5		93686	
FAD 2825 DKV FAT 2825 DKV (6x4/8x4)	→1987 1986→1989	F1	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		F2	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	6x4	93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
		F2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	8x4	93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		R1	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
		R2	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
FAD 3325 DKX (8x4) FAD 3325 DKX-ATI (8x4)	1986→1989	F1	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
FAT 3325 DKX (6x4) FTT 3325 DKX (6x4)	1982→1989	F2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	8x4	93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		R1	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
		R2	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	6x4	93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
FAG 2505 DHS 195kW/265PS	1983→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		R1	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		R2	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685	
				4	19 260	DF/17/2	419	216	178	►18,8		93685	
FAG 3300 (6x2) FT 3600 DKZ	1986→1989	F1	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		F2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		R	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	Trailing axle	93685	
				4	19 151	DF/21/3	419	216	152	►18,8		93685	
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686	
				4	19 617	DF/31/1	419	210	203	►18,5		93686	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

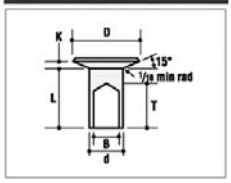
Type B – Semi-Tubular Rivet

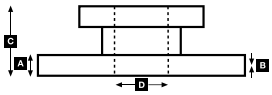


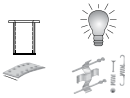
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...DAF

...F-Series

FAR 3300 (6x2)	1986→1989	F1	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		F2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	Trailing axle	93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		
FAT 2525 DKS (6x4) 184kW/250PS	1982→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R1	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
		R2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R2	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	Opt.	93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
FT 2100 DHR FT 2105 DHR	1980→1983	R	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
FT 2805 DKV	1986→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		
FT 3200 KS 238kW/324PS	01/90→10/93	F	**19 900 19,10 60 6**	4	19 900	DF/34/1	420	177	150	►19,1		93686		
				4	19 901	DF/35/1	420	179	150	►18,5		93686		
		R	**19 890 18,50 60 6**	4	19 891	DF/32/1	420	179	200	►19,1		93685		
				4	19 890	DF/33/1	420	177	200	►18,5		93685		

Laird

1160/1200LR (16/9" w/b)	1969→1971	R	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	* use/verwenden K17316.0-F3658	93683		

LF 45

45.220, FA 45.150, FA 45.170, FA 45.180, FA 45.220 110-162kW	01/01→	F	**29 088 26,00 40 4**	4	29 088	FCV1279	330	176	83	26	7 ton axle / UAC173 (SPRINGS) / UAC169 (FORKS)		UAI152/UAC173	**BCR255A**
							330	176	83	26	12 ton axle			**BCR256A**
		R	**29 088 26,00 40 4**	4	29 088	FCV1279	330	176	83	26	7 ton axle / UAC173 (SPRINGS) / UAC169 (FORKS)		UAI152/UAC173	**BCR226A**

LF 55

FA 55.170, FA 55.180, FA 55.220, FA 55.250, FA LF.180, FT 55.180, FT 55.220, FT 55.250 123kW	01/01→	F	**29 253 30,00 41 4**	4	29 179	FCV4345PTS		248	108	30	6x2 Opt			
			29 179 30,00 41 4	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad			
		R	**29 253 30,00 41 4**	4	29 179	FCV4345PTS		248	108	30	6x2 Opt			
			29 179 30,00 41 4	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad			
FA 55.170, FA 55.180, FA 55.220, FA 55.250, FA LF.180, FT 55.180, FT 55.220, FT 55.250 123kW	→02/03	F	**29 142 30,00 40 4**	4	29 142	FCV1389	375	204	99.6	30	UAC168 (SPRINGS)/ UAC170 (FORKS)		UAI166/UAC168	**BCR257A**
		R	**29 142 30,00 40 4**	4	29 142	FCV1389	375	204	99.6	30	UAC168 (SPRINGS)/ UAC170 (FORKS)		UAI166/UAC168	**BCR258A**
FA 55.170, FA 55.180, FA 55.220, FA 55.250, FA LF.180, FT 55.180, FT 55.220, FT 55.250 123kW	03/03→	F	**29 159 30,00 40 4**	4	29 159	FCV1964		211	93	30	UAC166(SPRINGS)/ UAC170(FORKS)		UAI168/UAC166	
		R	**29 159 30,00 40 4**	4	29 159	FCV1964		211	93	30	UAC166(SPRINGS)/ UAC170(FORKS)		UAI168/UAC166	

Mastiff

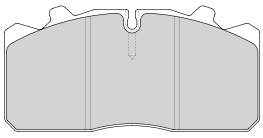
MS1600 MS2400 MS2600 MS2600, 2800 (tractor)	1969→1983 1969→1979 1969→1970 1970→1982	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Redline

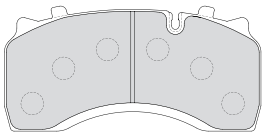
1160FJ (16/9" w/b) 1700/1800FJT (16/9" w/b) FJK140, 340, 360 (16/9" w/b)	1968→1969 1965→1967	R	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	* use/verwenden K17316.0-F3658	93683		

29 253 30,00 41 4
4567

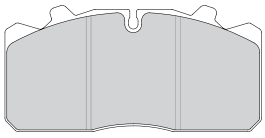
29 088 26,00 40 4
1723 WAB PAN 17



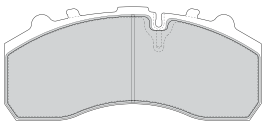
29 142 30,00 40 4
4572 WAB PAN 19-2



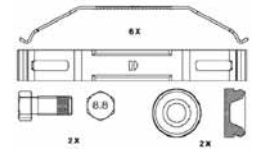
29 159 30,00 40 4
4568 WAB PAN 19-1



29 179 30,00 41 4
4576 KNR SB/SN7



UAC166 ↔



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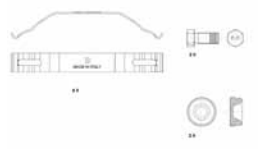
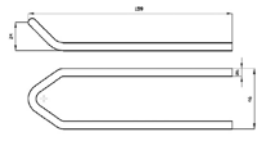
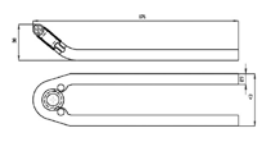


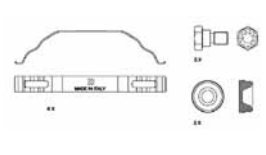
UAC169 ↔



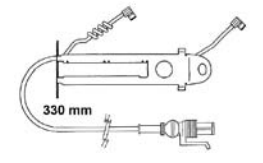
UAC170 ↔



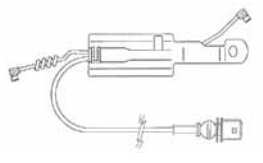
UAC173 ↔



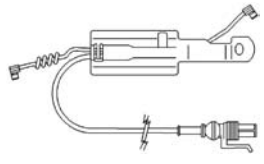
UAI152 ↔ 330mm
2



UAI166 ↔ 450mm
2



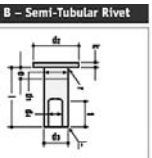
UAI168 ↔ 380mm
2



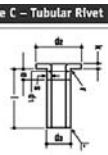
		∅	A	B	C	D		Kg		ABS
BCR226A		330	34.0	30.0	119	150	12xM12x1,175	18.0		✓
BCR255A		330	34.0	30.0	123	117	12xM12x1,75	18.0		✓
BCR256A		330	34.0	30.0	143	133	16xM12x1,75	19.3		✓
BCR257A		375	45.0	43.0	99	117	10x15 2xM14x2	23.4		
BCR258A		375	45.0	37.0	146	179	10xM14	29.0		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

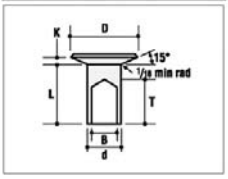
Type B – Semi-Tubular Rivet

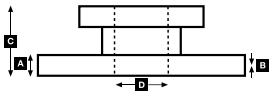


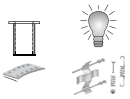
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...DAF

Roadrunner

6.10, 12, 13, 15, 8.10, 12, 13, 15	01/86→12/91	F	**29 017 23,00 40 4**	4	29 017	FCV376	315	191	89	23				**BCR101A**
			29 024 23,00 41 3*	4	29 024	FCV503		191	89	23	* use/verwenden FCV503			
10.12, 13, 15	01/86→12/91	F	**29 024 23,00 41 3***	4	29 024	FCV503	312	191	89	23	* use/verwenden FCV503			**FCR102A**

Roadrunner

6.10, 12, 13, 15, 8.10, 12, 13, 15	01/86→12/91	R	**15 817 12,10 60 3**	2	15 817	MP/37/1	325	301	97	12,1		93060		
				2	15 823	MP/38/1	325	251	97	12,1		93060		
10.12, 13, 15	01/86→12/91	R	**17 900 12,10 60 3**	2	17 900	MP/39/1	325	301	147	12,1		93057		
				2	17 901	MP/40/1	325	251	147	12,1		93057		

Roadtrain

16.25, 28, 29	1980→1990	F	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	▶19,3	Opt.	93683		
17.25, 27, 28, 29	1982→1990	R	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	▶19,3	Opt.	93683		
17.30, 32, 34, 35	1984→1990													
19.28	1982→1990													
20.29, 32 (6x2 tractor)	1988→1990	F	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	▶19,3		93683		
20.33, 35 (6x2 tractor)		R2	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	▶19,3		93683		

Terrier

TR650, TR738	1970→1984	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
TR750	1970→1971													
TR850	1970→1984	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
TR950	1970→1971	R	**17 662 09,50 60 3**	2	17 662	GG/163/1	330	300	127	9,5		93684		
				2	17 663	GG/164/1	330	343	127	9,5		93684		

XF 95

FA 95.380, FA 95.430, FA 95.480, FA 95.530,	09/02→	F	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	ProTec S version			
FT 315, FT 355, FT 95.380, FT 95.530,			**29 179 30,00 41 4**	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad			
FTG 95.380 250-390kW		R	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	ProTec S version			
			29 179 30,00 41 4	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad			

XF105

XF 105.410, XF 105.460, XF 105.510	10/05→	F	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	ProTec S version			
			29 179 30,00 41 4	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad			
		R	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	ProTec S version			
			29 179 30,00 41 4	4	29 179	FCV1373BHD	432	248	109	30	Alternative HD option pad			

DENNIS

Eagle

Refuse Wagon	1994→	F	**29 090 28,00 41 4**	4	29 090	FCV1047B	438	250	114	28			UAI116	**BCR192A**
		R	**29 090 28,00 41 4**	4	29 090	FCV1047B	438	250	114	28			UAI116	**BCR192A**

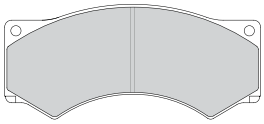
Elite

Elite	01/00→	F	**29 090 28,00 41 4**	4	29 090	FCV1047B	438	250	114	28			UAI116	**FCR286A**

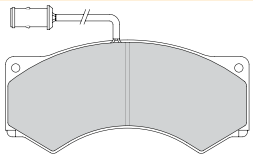
Elite

	2000→	R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	▶18,3		93683/ 93685		
1721MD, MS, P	1994→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	▶18,3		93683/ 93685		
1725MD, MS														
XM11, XM13		R	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	▶18,3		93683/ 93685		
2221MD, MS, Linksteer	1994→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	▶18,3		93683/ 93685		
2225MD, MS, Linksteer														
2421MD, MS, Linksteer		R1	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	▶18,3		93683/ 93685		
2425MD, MS, Linksteer														
2521MD, MS		R2	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	▶18,3		93683/ 93685		
2525MD, MS														
2621MD, MS, Linksteer														
2625MD, MS, Linksteer														
XM15, XM17														

29 017 23,00 40 4
3422 WAB 456 F-Ö

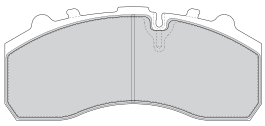


29 024 23,00 41 3*
1721 WAB 456 F-Ö



29 090 28,00 41 4
4567 MER D-LISA

29 179 30,00 41 4
4576 KNR SB/SN7



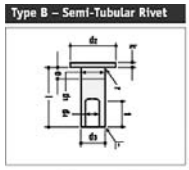
29 253 30,00 41 4
4567 KNR SB/SN7

UAI116 ↔ 226mm
2

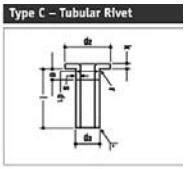
		∅	A	B	C	D		Kg	
BCR101A		315	26.0	24.0	122	119	10xM12	13.1	
BCR192A		438	45.0	38.0	127	195	10xM16	35.0	
FCR102A		312	30.0	27.5	137	133	12xM12	14.6	
FCR286A		438	45.0	38.0	130	136	10x17,2	35.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

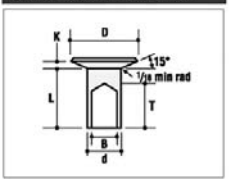
Type B – Semi-Tubular Rivet

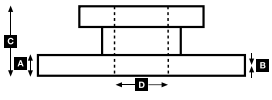


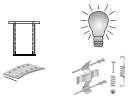
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...DENNIS

Fire Engines

Dagger		F	**29 183 27,00 41 3**	4	29 183	FCV1277BFE		185	84	27/34				
		R	**29 183 27,00 41 3**	4	29 183	FCV1277BFE		185	84	27/34				
Rapier (22, 5") SEE 2x67	09/91→	F	**29 013 21,50 41 5***	4	29 013	FCV668	354	183	87	21	*use/verwenden FCV668			**BCR126A**
Sabre (22, 5") Meritor D LISA	1995→	F	**29 090 28,00 41 4**	4	29 090	FCV1047B	438	250	114	28			UAI116	**BCR192A**

Fire Engines

F type S type	1976→	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058		
		R	**19 225 14,00 60 4**	4	19 225	FI/124/2	360	318	170	14,0		93059		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt.	93683/ 93685		

Maxim (4 wheel)

All	1965→1970	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Maxim (6 wheel)

All	1965→1967	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Refuse Collectors

Phoenix	1985→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3		93683/ 93685		
		R1	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3		93683/ 93685		
		R2	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3		93683/ 93685		

Self steer 20 ton

All	1970→	R1	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

ERF

A Series

LAC/LAG303, 304	1974→1980	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

ECS/ECT/ECX

4x2, 6x2	→2001	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28	D3/D-Elsa 1			**BCR215A**
		R	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28	D3/D-Elsa 1			**BCR215A**
4x2, 6x2	2002→03/03	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28	D3/D-Elsa 1			**BCR215A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	108	30	SB7			
		R	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28	D3/D-Elsa 1			**BCR215A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	108	30	SB7			
4x2, 6x2	04/03→	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28	D3/D-Elsa 1			**BCR215A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	434	250	118	30	D-Elsa2 - No ABS			**FCR289A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	108	30	SB7			
		R	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28	D3/D-Elsa 1			**BCR215A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	434	250	118	30	D-Elsa2 - No ABS			**FCR290A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	108	30	SB7			

Pre-1974 range

64G tractor 24 ton 66CU tractor 32/48 ton 84PV	1968→1973	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
68GX 24/26 ton	1968→1973	F1	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		F2	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

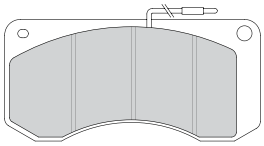
Series C:

C 36, C 40	1982→1986	F	**19 922 17,40 60 8**	8	19 922	CS/67/1	394	187	203	►17,4	Lightweight axle	93685		
C 38	1984→1986	R	**19 922 17,40 60 8**	8	19 922	CS/67/1	394	187	203	►17,4	Lightweight axle	93685		

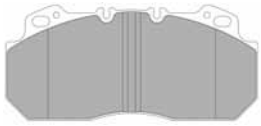
Series CP:

CP 28/32.250 (4x2) Tractors	1984→1986	F	**19 922 17,40 60 8**	8	19 922	CS/67/1	394	187	203	►17,4		93685		
CP 32.290 (4x2) Tractors		R	**19 922 17,40 60 8**	8	19 922	CS/67/1	394	187	203	►17,4		93685		

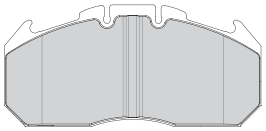
29 013 21,50 41 5*
1708 S.E.E. 2 x 67



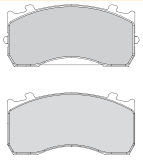
29 090 28,00 41 4
4572 MER D-LISA



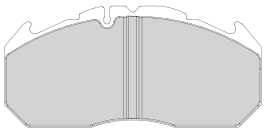
29 156 30,00 41 4
4568 MER D-ELSA 2



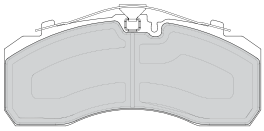
29 183 27,00 41 3
4550 KNR SB/SN5



29 210 28,00 41 4
4568 MER D3/D-ELSA 1



29 253 30,00 41 4
4550 KNR SB/SN7

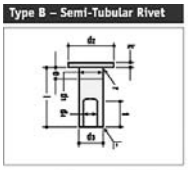


UAI116 ↔ 226mm
2

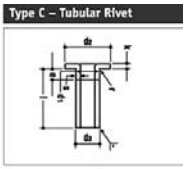
		∅	A	B	C	D		Kg	
BCR126A		354	30.0	26.0	82	128	10x12,4	14.2	
BCR192A		438	45.0	38.0	127	195	10xM16	35.0	
BCR215A		432	45.0	40.0	135	208	10xM16	37.0	
FCR289A		434	45.0	37.0	145.5	210	12xM16	38.3	
FCR290A		434	45.0	38.0	149	210	12xM16	38.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

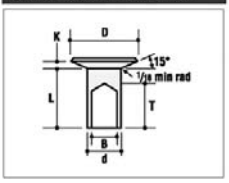
Type B – Semi-Tubular Rivet

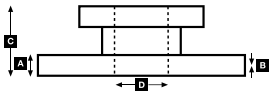


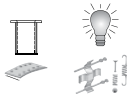
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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Series E:

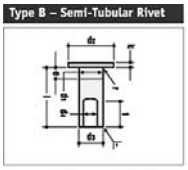
E 6.18	1991→09/93	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version.	93683/ 93685	
		F	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version.	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
		F	**19 716 22,20 60 5**	4	19 553	RW/29/1	410	180	200	►20,4	New version.	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version.	93683/ 93685	
			19 554 20,40 60 5	6	19 553	RW/29/1	410	180	200	►20,4	Old version.	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
		R	**19 716 22,20 60 5**	4	19 553	RW/29/1	410	180	200	►20,4	New version.	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	
E 6.21 ES 6.18 ES 6.18 Dropframe	1991→09/93	F	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version.	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version.	93683/ 93685	
		F	**19 716 22,20 60 5**	4	19 553	RW/29/1	410	180	200	►20,4	New version.	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	
		R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version.	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version.	93683/ 93685	
			19 716 22,20 60 5	4	19 553	RW/29/1	410	180	200	►20,4	New version.	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	
E 8.26, E 8.27 E 10.25, E 10.27, E 10.32 E 12.32 ST, E 12.37 ST E 12.40 ST, E 14.32 ST E 14.36 ST, E 14.41 ST E 14.46 ST	1991→09/93	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685	
ES 6.18 (EURO1) ES 6.21 (EURO2)	09/93→	F	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
			19 716 22,20 60 5	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	
		R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
			19 716 22,20 60 5	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	

Series E: 4x2 Rigids & Tippers

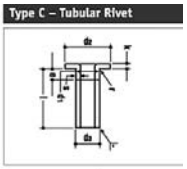
ES 6.19	1989→09/93	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	7" brake	93683/ 93685	
		R	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	7" brake	93683/ 93685	
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	8" brake	93683/ 93685	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	8" brake	93683/ 93685	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

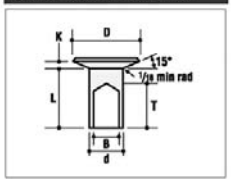
Type B – Semi-Tubular Rivet

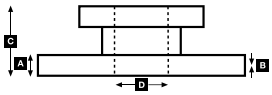


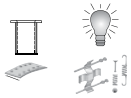
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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Series E: 6x2 Tractors

E 10.32 TT (Twinsteer) E 12.32 TT (Twinsteer) E 12.37 TT (Twinsteer) E 12.40 TT (Twinsteer) E 14.32 TT (Twinsteer) E 14.36 TT (Twinsteer)	1991→09/93	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

Series E: 6x4 Rigids

E 8.26 Drawbar E 8.27 E 10.25 E 10.27 ES 8.21 ES 8.27	1991→09/93	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

Series E: 6x4 Rigids & Tippers

ES 8.24 (EURO1) ES 8.27 (EURO1)	09/93→	F	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93058		
				2	19 554	RW/29/2	410	180	200	►20,4		93058		
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685		
			19 716 22,20 60 5	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93058		
				2	19 717	RW/32/1	410	196	200	►21,9		93058		
				2	19 716	RW/33/1	410	196	200	►22,2		93058		
		R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93058		
				2	19 554	RW/29/2	410	180	200	►20,4		93058		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685		
			19 716 22,20 60 5	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93058		
				2	19 717	RW/32/1	410	196	200	►21,9		93058		
				2	19 716	RW/33/1	410	196	200	►22,2		93058		

Series E: 6x4 Tractors

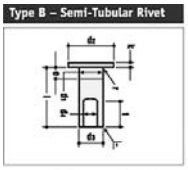
E 10.32 DT E 14.41 DT E 14.46 DT	1991→09/93	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

Series E: 8x4 Rigids

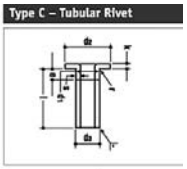
E 8.27 E 10.25 E 10.27 E 10.32 E 12.30 E 12.32	1991→09/93	F2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

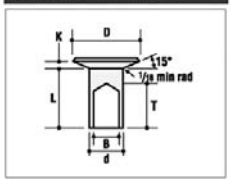
Type B – Semi-Tubular Rivet

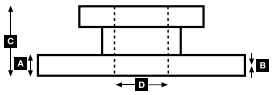


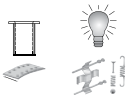
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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Series EC 11:

EC 11.305 EC 11.340 EC 11.380	09/95→	F	**19 554 20,40 60 5**	6 2	19 553 19 554	RW/29/1 RW/29/2	410 410	180 180	200 200	►20,4 ►20,4	Old version. -4/96	93058 93058	
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
		F	**19 716 22,20 60 5**	4 2 2	19 553 19 717 19 716	RW/29/1 RW/32/1 RW/33/1	410 410 410	180 196 196	200 200 200	►20,4 ►21,9 ►22,2	New version. 5/96→	93058 93058 93058	
		R	**19 554 20,40 60 5**	6 2	19 553 19 554	RW/29/1 RW/29/2	410 410	180 180	200 200	►20,4 ►20,4	Old version. -4/96	93058 93058	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
			19 716 22,20 60 5	4 2 2	19 553 19 717 19 716	RW/29/1 RW/32/1 RW/33/1	410 410 410	180 196 196	200 200 200	►20,4 ►21,9 ►22,2	New version. 5/96→	93058 93058 93058	

Series EC:

EC 6.21 4x2 Rigids ES 6.18 4x2 Rigids	09/93→ 1995→	F	**19 554 20,40 60 5**	6 2	19 553 19 554	RW/29/1 RW/29/2	410 410	180 180	200 200	►20,4 ►20,4	Old version. -4/96	93058 93058	
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
			19 716 22,20 60 5	4 2 2	19 553 19 717 19 716	RW/29/1 RW/32/1 RW/33/1	410 410 410	180 196 196	200 200 200	►20,4 ►21,9 ►22,2	New version. 5/96→	93058 93058 93058	
		R	**19 554 20,40 60 5**	6 2	19 553 19 554	RW/29/1 RW/29/2	410 410	180 180	200 200	►20,4 ►20,4	Old version. -4/96	93058 93058	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
			19 716 22,20 60 5	4 2 2	19 553 19 717 19 716	RW/29/1 RW/32/1 RW/33/1	410 410 410	180 196 196	200 200 200	►20,4 ►21,9 ►22,2	New version. 5/96→	93058 93058 93058	

Series EC: 4x2 Tractors & Drawbars:

EC 10.30, EC 10.32, EC 10.35 EC 12.33, EC 12.37, EC 12.40 EC 14.34, EC 14.38, EC 14.41 EC 14.50, EC 14.52 EC 6.18, EC 6.21 EC 8.24, EC 8.27	09/93→ 1995→ 09/93→	F	**19 554 20,40 60 5**	6 2	19 553 19 554	RW/29/1 RW/29/2	410 410	180 180	200 200	►20,4 ►20,4	Old version. -4/96	93058 93058	
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
		F	**19 716 22,20 60 5**	4 2 2	19 553 19 717 19 716	RW/29/1 RW/32/1 RW/33/1	410 410 410	180 196 196	200 200 200	►20,4 ►21,9 ►22,2	New version. 5/96→	93058 93058 93058	
		R	**19 554 20,40 60 5**	6 2	19 553 19 554	RW/29/1 RW/29/2	410 410	180 180	200 200	►20,4 ►20,4	Old version. -4/96	93058 93058	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
			19 716 22,20 60 5	4 2 2	19 553 19 717 19 716	RW/29/1 RW/32/1 RW/33/1	410 410 410	180 196 196	200 200 200	►20,4 ►21,9 ►22,2	New version. 5/96→	93058 93058 93058	

Series EC: 6x2 Twinsteer Tractors:

EC 10.32, EC 10.35 EC 12.33, EC 12.37, EC 12.40 EC 14.34, EC 14.38, EC 14.41 EC 14.50, EC 14.52	05/93→	F	**19 554 20,40 60 5**	6 2	19 553 19 554	RW/29/1 RW/29/2	410 410	180 180	200 200	►20,4 ►20,4	Old version. -4/96	93058 93058	
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
		F	**19 716 22,20 60 5**	4 2 2	19 553 19 717 19 716	RW/29/1 RW/32/1 RW/33/1	410 410 410	180 196 196	200 200 200	►20,4 ►21,9 ►22,2	New version. 5/96→	93058 93058 93058	
		R	**19 554 20,40 60 5**	6 2	19 553 19 554	RW/29/1 RW/29/2	410 410	180 180	200 200	►20,4 ►20,4	Old version. -4/96	93058 93058	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
			19 716 22,20 60 5	4 2 2	19 553 19 717 19 716	RW/29/1 RW/32/1 RW/33/1	410 410 410	180 196 196	200 200 200	►20,4 ►21,9 ►22,2	New version. 5/96→	93058 93058 93058	

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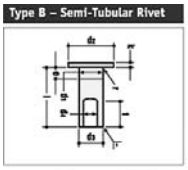
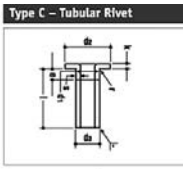
Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

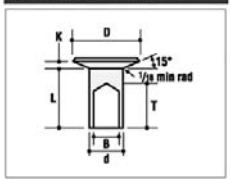
Type B – Semi-Tubular Rivet

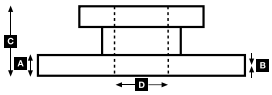


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...ERF

Series EC: 6x2/6x4 Tractors:

EC 10.32, EC 10.35 EC 12.33, EC 12.37, EC 12.40 EC 14.34, EC 14.38, EC 14.41 EC 14.50, EC 14.52	05/93→	F	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
		F	**19 716 22,20 60 5**	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	
		R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
			19 716 22,20 60 5	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	

Series EC: 6x4 Rigids & Drawbars:

EC 10.30, EC 10.32, EC 10.35 EC 8.24, EC 8.27 ES 8.24, ES 8.27	09/93→	F	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
	1995→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
		F	**19 716 22,20 60 5**	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	
		R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
			19 716 22,20 60 5	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	

Series EC: 8x4 Rigids:

EC 10.30, EC 10.32, EC 10.35 EC 12.33 EC 8.27	09/93→	F	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
	1995→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
		F	**19 716 22,20 60 5**	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	
		R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93058	
				2	19 554	RW/29/2	410	180	200	►20,4		93058	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt Old version. -4/96	93683/ 93685	
			19 716 22,20 60 5	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93058	
				2	19 717	RW/32/1	410	196	200	►21,9		93058	
				2	19 716	RW/33/1	410	196	200	►22,2		93058	

FODEN

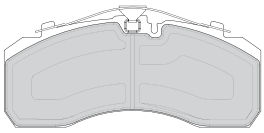
All

Haulmaster, Fleetmaster	1979→1983	F	**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3	Opt.	93685	
				4	19 365	RW/2/3	419	192	203	►18,7		93685	
		R	**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3	Opt.	93685	
				4	19 365	RW/2/3	419	192	203	►18,7		93685	
S104, 106, 108	1983→1987	F	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0		93683	
		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0		93683	

Alpha

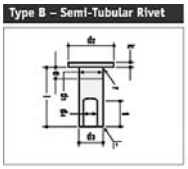
KNR SB7000 Tractor Units 4x2, 6x2,	05/01→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	108	30			
KNR SB7000 Tippers & Rigids		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	108	30			

29 253 30,00 41 4
4550 KNR SB/SN7

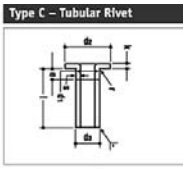


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

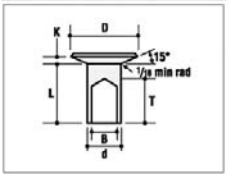
Type B – Semi-Tubular Rivet

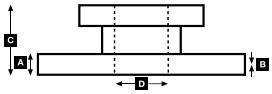


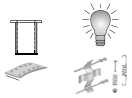
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







FORD

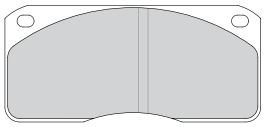
Cargo:

1713, 1714, 1717, 1720, 1724, 1728 0 608, 0 609, 0 611, 0 708, 0 709, 0 711, 0 712, 0 713, 0 813 (4 wheel Rigids), 0 813 (for Brake pads), 0 815 0 808, 0 809, 0 811, 0 812	01/81→	F	**29 302 21,90 40 4**	4	29 302	FCV523	322	176	80	22				**BCR112A**
		R	**29 302 21,90 40 4**	4	29 302	FCV523	322	176	80	22				**BCR112A**

Cargo:

1011, 1013 0 911, 0 913, 0 915	1987→	F	**17 217 11,70 60 4**	4	17 217	GG/194/1	330	295	125	11,7	Opt.	93684		
		R	**17 932 10,00 60 3**	2	17 933	GG/186/1	330	295	127	►8,5	Opt.			
				2	17 932	GG/187/1	330	340	127	►10,0				
1117 C (V8)	1987→	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
1117 P (V8)	1987→1989	R	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	* use/verwenden K17316.0-F3658	93683		
1211, 1213, 1215, 1218	1988→													
1311, 1312, 1314, 1317 C, 1311, 1312, 1314, 1317, 1311, 1313, 1315, 1317 C	1987→													
1315	1981→1986													
1317 C, 1317 P														
1317 P	1987→1988													
1317 P (4 Wheel Tippers)	1981→1986													
1318 R	1987→													
1411, 1413, 1415, 1417 C	1987→	R	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	* use/verwenden K17316.0-F3658	93683		
1417 P	1987→1988													
1418 C, 1513, 1515, 1512, 1514, 1517 C, 1517 P	1981→1986													
1517 C, 1517 P	1987→													
2118 C	1989→	F	**19 887 19,30 60 8**	8	19 887	CW/11/1	394	178	178	►19,3		93683		
2517 C	1987→	R	**19 887 19,30 60 8**	8	19 887	CW/11/1	394	178	178	►19,3		93683		
2517 P, 2817 P	1987→1989													
2521 C, 2817 C	1987→													
2820 D, P														
2824	1987→1989													
2921 C	1989→													
3224	1984→													
3224 C	1987→													
3424	1984→													
4x2 Rigid 15,000 kgs GVW	1982→													
4x2 Rigid 17,500 kgs GVW														
4x2 Tipper 15,000 & 16,250 kgs GVW														
4x2 Tractor 15,000 & 17,500 kgs GVW														
1620, 1624	1987→	F	**19 887 19,30 60 8**	8	19 887	CW/11/1	394	178	178	►19,3		93683		
1713, 1715	1988→													
1718, 1721														
1724 C, 1728 C														
2417	1987→													
2424														
1720, 1724, 1728	1987→	R	**19 887 19,30 60 8**	8	19 887	CW/11/1	394	178	178	►19,3		93683		
1824, 1924	1984→1986	F	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	►19,3		93683		
3220	1987→1988	R1	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	►19,3		93683		
3824 C, 3828 C	1987→	R2	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	►19,3		93683		
2424 C	1987→	F	**19 887 19,30 60 8**	8	19 887	CW/11/1	394	178	178	►19,3		93683		
		R1	**19 887 19,30 60 8**	8	19 887	CW/11/1	394	178	178	►19,3		93683		
		R2	**19 887 19,30 60 8**	8	19 887	CW/11/1	394	178	178	►19,3		93683		
2428 C	1989→	F	**19 921 19,30 60 8**	8	19 921	CW/12/1	394	191	200	►19,3		93683		
		R1	**19 887 19,30 60 8**	8	19 887	CW/11/1	394	178	178	►19,3		93683		
		R2	**19 887 19,30 60 8**	8	19 887	CW/11/1	394	178	178	►19,3		93683		
0 813 (4 wheel Rigids)	1981→1986	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
		R	**17 932 10,00 60 3**	2	17 933	GG/186/1	330	295	127	►8,5				
				2	17 932	GG/187/1	330	340	127	►10,0				

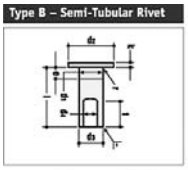
29 302 21,90 40 4
1720 MER 2x68



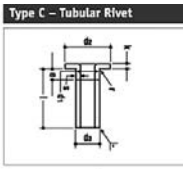
		∅	A	B	C	D		Kg	
BCR112A		322	30.0	27.8	126	148	6x21 3xM8	14.6	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

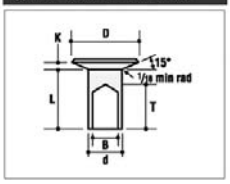
Type B – Semi-Tubular Rivet

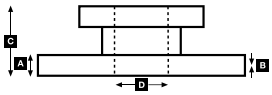


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...FORD

Cargo: 4 wheel Rigids:

1117 C, 1117 P (V 8) 2014, 2114 2014, 2114 (Tractive Units) 2015, 2115 2517 C, 2517 P 2517 C, 2517 P Tractive Units 2817 C, 2817 P 2817 C, 2817 P Tractive Units	1981→1986 1987→ 1981→1986	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Cargo: with Meritor-Stopmaster-Brake:

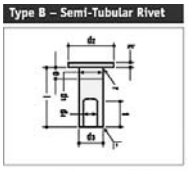
1624 4x2 Rigid 13, 300 kgs GVW 4x2 Rigid 16, 250 kgs GVW 4x2 Tipper 13, 300 kgs GVW 4x2 Tipper 16, 250 kgs GVW 6x2 Rigid 24, 500 kgs GVW 6x2 Tipper 24, 500 kgs GVW 6x4 Rigid 24, 500 kgs GVW 6x4 Tipper 24, 500 kgs GVW	1984→ 1982→	F	**19 887 19,30 60 8**	8	19 887	CW/11/1	394	178	178	►19,3		93683		

Ford D Series

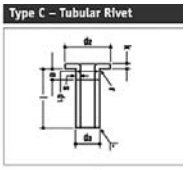
D300 D400	1970→1971 1965→1971	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5	Opt.			
D500, D550	1965→1971	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
D600	1965→1971	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
D1010 DA1610	1972→1978 1972→1981	R	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	Opt. - * use/verwenden K17316.0-F3658	93683		
D700 D750, 800/Turbo D1110, 1111, 1114 D1210 DA1007 DA1710, 1911 DA2011, 2114	1965→1971 1972→1980 1972→1981	R	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	* use/verwenden K17316.0-F3658	93683		
D900	1970→1971	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
D1000 15ton GVW D1000 tractor 28 ton GVW DA2817, 2818	1967→1971 1972→1981	R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
D0607, 0610 D0610, 0707, 0710 D0707, 0710	1978→1981 1972→1978 1978→1981	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5	Opt heavy duty			
D0807, 0810	1978→1980	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
D0907, 0910		R	**17 932 10,00 60 3**	2	17 933	GG/186/1	330	295	127	►8,5				
D1010, 1011				2	17 932	GG/187/1	330	340	127	►10,0				
D0807, 0810, 0907, 0910	1972→1978	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
		R	**17 662 09,50 60 3**	2	17 662	GG/163/1	330	300	127	9,5		93684		
				2	17 663	GG/164/1	330	343	127	9,5		93684		
D1000 16ton GVW D1614, 1617, 1618 D1616	1967→1971 1972→1981 1972→1973	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
D1000 24ton GVW	1967→1971	R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
D1010	1978→1981	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5	20" wheels			
DA2417, 2418	1972→1981	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7	Opt.	93684		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
DT800	1965→1969	R1	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	* use/verwenden K17316.0-F3658	93683		
DT1400 DT1711, 2014	1969→1971 1972→1981	R2	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	* use/verwenden K17316.0-F3658	93683		
DT1500, 1700	1969→1971	R1	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
DT2414, 2417, 2418	1972→1981	R2	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

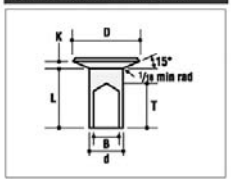
Type B – Semi-Tubular Rivet

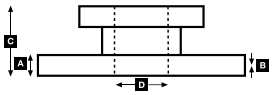


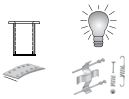
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...FORD

Supercargo

Wheel = 19,5" Air Brake 110E - 140E - 150E - 210E/280E - 320E Models. Knorr ADB37..	01/91→12/98	F	**29 032 25,00 40 4**	4	29 032	FCV770	370	206	107	25				**BCR110A**
				4	29 011	FCV773	370	241	125	25				**BCR111A**

Supercargo

Wheel = 19 1/2" Air Brake 150E, 210E to 280E & 320E Models. Knorr ADB3700	1991→1998	R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	▶18,15		93684		
				2	19 385	CW/4/2	381	188	178	▶18,15		93684		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	▶18,15		93684		
				2	19 385	CW/4/2	381	188	178	▶18,15		93684		

GUY

Big J4, J4T

	1964→1968	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Big J4T 24-28 ton GTW

	1969→1979	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Big J6

	1964→05/69	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Big J6T

	1969→1978	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7	Opt.	93684		

Big J8

	1964→1970	F1	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		F2	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
	1971→1978	F1	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7	Opt.	93684		
		F2	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7	Opt.	93684		

ISUZU

Trucks

Chassis NQR70P, NQR75		F	**FCV1853**	4	29258		206	80	20	21,5				

IVECO

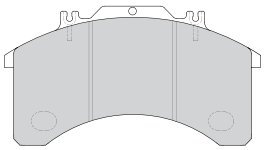
Cargo Plus

7,5t, 18t	02/02→	F	**29 067 22,00 40 4**	4	29 067	FCV733		176	79	22				
			29 122 22,00 40 4	4	29 122	FCV1126		175	86	22				
		R	**29 067 22,00 40 4**	4	29 067	FCV733		176	79	22				
			29 122 22,00 40 4	4	29 122	FCV1126		175	86	22				

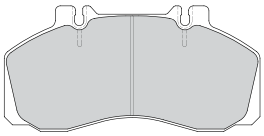
Eurocargo

60E10, 60E12, 60E14, 65E10, 75E12, 75E14, 75E15 75-110kW	01/91→12/96	F	**29 065 22,00 40 4**	4	29 065	FCV879	304	175	86	22			UAI106/UAI113	**BCR105A**
							304				Opt 65mm studs			**FCR233A**
		R	**29 065 22,00 40 4**	4	29 065	FCV879	304	175	86	22			UAI106/UAI113	**BCR105A**
							304				Opt 75mm studs			**FCR157A**
65E12, 65E14 75-110kW	01/91→	F	**29 065 22,00 40 4**	4	29 065	FCV879	304	175	86	22			UAI106/UAI113	**BCR105A**
							304				Opt 65mm studs			**FCR233A**
		R	**29 065 22,00 40 4**	4	29 065	FCV879	304	175	86	22			UAI106/UAI113	**BCR105A**
	01/06→						304				ABS			**BCR322A**
	01/91→						304				Opt 75mm studs			**FCR157A**
75E12, 75E14, 75E15 85-105kW	01/97→	F	**29 122 22,00 40 4**	4	29 122	FCV1126	304	175	86	22			UAI106/UAI113	**BCR105A**
							304				Opt 65mm studs		UAI119/UAI176	**FCR233A**
		R	**29 122 22,00 40 4**	4	29 122	FCV1126	304	175	86	22			UAI106/UAI113	**BCR105A**
	01/06→						304				ABS/w.i.option from 1997 onwards		UAI119/UAI176	**BCR322A**
	01/97→						304				Opt 75mm studs		UAI106/UAI113	**FCR157A**
75E14, 75E16, 75E18,80E18	08→	F	**29 256 27,00 40 4**	4	29 256	FCV4254		175.4	95	27			UAI177	**BCR338A**
											Accessory kit		UAC164	
		R	**29 256 27,00 40 4**	4	29 256	FCV4254		175.4	95	27			UAI177	**BCR342A**
											Accessory kit		UAC164	

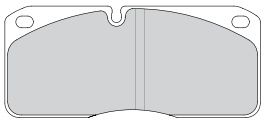
29 032 25,00 40 4
3475 KNR ADB 3700



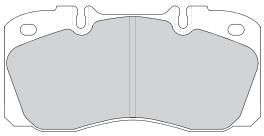
29 065 22,00 40 4
1721 MER 2x60



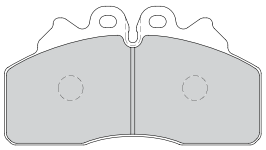
29 067 22,00 40 4
3475 MER 2x68



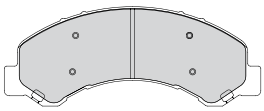
29 122 22,00 40 4
1721 BRE 2 x 68



29 256 27,00 40 4
3422 BRE 2X68



FCV1853
- AKE



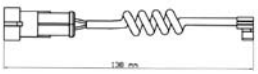
UAC164 ↔
2

UAI106 ↔ 495mm
2

UAI113 ↔ 495mm
2

UAI119 ↔ 475mm
2

UAI176 ↔ 150mm
2

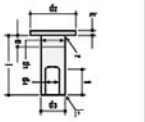


UAI177 ↔ 215mm
2

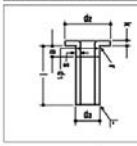
		∅	A	B	C	D		Kg		ABS
BCR105A		304	30.0	27.8	128	165	6x18,15 2xM10	13.9		
BCR110A		370	45.0	41.0	150	215	8x20 2xM10	31.0	✓	
BCR111A		370	45.0	41.0	181.5	215	8x22,15 2xM10	32.0	✓	
BCR322A		304	30.0	27.8	128.5	165	6	14.1		✓
BCR338A		330	32.0	29.0	129.5	185	6	17.9		
BCR342A		330	32.0	29.0	129.5	185	6	19.1		
FCR157A		304	30.0	27.8	128	165	6x18,15 2xM10	13.9	✓	
FCR233A		304	30.0	27.8	128	165	6x18,15 2xM10	13.9	✓	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

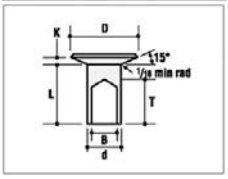
Type B – Semi-Tubular Rivet

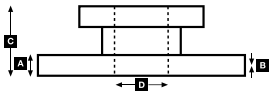


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...IVECO

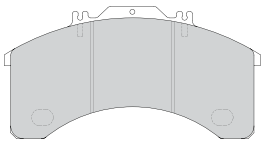
...Eurocargo

80E15, 80E18, 80E21, 100E15, 100E18,100E21, 180E21 T 105-152kW	01/91→	F	**29 067 22,00 40 4**	4	29 067	FCV733	322	176	79	22				**BCR106A**
							322				Opt			**FCR232A**
		R	**29 067 22,00 40 4**	4	29 067	FCV733	322	176	79	22			UAI106/UAI113	**BCR106A**
							322				Opt			**FCR231A**
95E15 W, 95E21 W 105-152kW	11/93→	F	**29 065 22,00 40 4**	4	29 065	FCV879	304	175	86	22	→1996		UAI106/UAI113	**BCR105A**
							304				→1996, Opt			**FCR233A**
			29 067 22,00 40 4	4	29 067	FCV733	322	176	79	22	1997→		UAI119/UAI176	**BCR106A**
							322				Opt			**FCR232A**
		R	**29 065 22,00 40 4**	4	29 065	FCV879	322	175	86	22	→1996		UAI106/UAI113	**BCR106A**
							304				1997→		UAI119/UAI176	**BCR105A**
			29 067 22,00 40 4	4	29 067	FCV733	304	176	79	22	1997→, Opt		UAI119/UAI176	**FCR157A**
							322				Opt			**FCR231A**
110-120EL-17, 5" Wheel Wabco Pan17	1999→	F	**29 088 26,00 40 4**	4	29 088	FCV1354	330	176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAI126/UAC173	**BCR237A**
		R	**29 088 26,00 40 4**	4	29 088	FCV1354	330	176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAI126/UAC173	**BCR237A**
110E15, 110E18, 110E23, 120E15, 120E18, 120E23, 130E15, 130E18, 130E23, 140E15, 140E18, 140E23, 140E27	01/91→	F	**29 032 25,00 40 4**	4	29 032	FCV770	370	206	107	25	→03/02		UAI105/UAI110	**BCR110A**
							370				Opt			**BCR111A**
		F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30	04/02→		UAI160+UAI173	**BCR238A**
							377				ABS			**FCR240A**
		R	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30	06/03→		UAI160+UAI173	**BCR307A**
135E18 W, 135E18 WR, 135E23 W, 135E23 WR	01/93→	F	**29 032 25,00 40 4**	4	29 032	FCV770	370	206	107	25	→03/02		UAI105/UAI110	**BCR110A**
							370				Opt			**BCR111A**
		F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30	04/02→		UAI160+UAI173	**BCR238A**
							377				ABS			**FCR240A**
		R	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30	06/03→		UAI160+UAI173	**BCR307A**
150E15, 150E18, 150E23, 150E27 R 105-196kW	01/92→	F	**29 032 25,00 40 4**	4	29 032	FCV770	370	206	107	25	→06/98		UAI105/UAI110	**BCR110A**
							370				Opt			**BCR111A**
		F	**29 196 30,00 40 4**	4	29 196	FCV1914FE	436	248	108	30	07/98→03/02		UAI125+UAI173	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, 07/98→03/02		UAI125+UAI173	**BCR173A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	108	30	04/02→		UAI160+UAI173	**BCR254A**
170E18, 170E23, 170E27, 175E24, 175E27	01/94→	F	**29 032 25,00 40 4**	4	29 032	FCV770	370	206	107	25	→06/98		UAI105/UAI110	**BCR110A**
			29 011 25,00 40 4	4	29 011	FCV773	430	241	125	25	→06/98, Opt		UAI105/UAI110	**BCR132A**
			29 196 30,00 40 4	4	29 196	FCV1914FE	436	248	108	30	07/98→03/02		UAI125+UAI173	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, 07/98→03/02		UAI125+UAI173	**BCR173A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	108	30	04/02→		UAI160+UAI173	**BCR254A**
176E30, 176E34, 179E24, 179E27, 179E30, 325E27, 390E30	1991→	F	**29 011 25,00 40 4**	4	29 011	FCV773	430	241	125	25	→06/98		UAI105/UAI110	**BCR132A**
			29 196 30,00 40 4	4	29 196	FCV1914FE	436	248	108	30	07/98→03/02		UAI125+UAI173	**BCR173A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	108	30	04/02→		UAI160+UAI173	**BCR254A**
180E27, 390E34		F	**29 011 25,00 40 4**	4	29 011	FCV773	430	241	125	25			UAI105/UAI110	**BCR132A**
							430				Opt studs			**FCR251A**
210E23, 250E23, 280E23 T 105-167kW	09/91→	F	**29 032 25,00 40 4**	4	29 032	FCV770	370	206	107	25	→03/02		UAI105/UAI110	**BCR110A**
			29 197 30,00 41 4	4	29 197	FCV1275BFE	377	211	93	30	04/02→		UAI160+UAI173	**BCR239A**
							377				ABS			**FCR241A**
260E23	09/91→	F	**29 032 25,00 40 4**	4	29 032	FCV770	370	206	107	25			UAI105/UAI110	**BCR110A**
320E23, 320E27	07/98→	F	**29 196 30,00 40 4**	4	29 196	FCV1914FE	436	248	108	30	→03/02		UAI125+UAI173	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, →03/02		UAI125+UAI173	**BCR173A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	108	30	04/02→		UAI160+UAI173	**BCR254A**

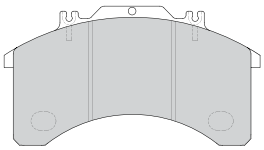
EuroCargo

110E15 E18, E23 120E15, E18, E23 130E15, E18, E23 135E18 130kW /177PS 135E23 167kW /227PS 140E15, E18, E23, E27 210E23 250E23 260E23 167kW /227PS 280E23 167kW /227PS	01/91→03/02 01/93→ 01/91→03/02 09/91→03/02 09/91→ 09/91→03/02	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	

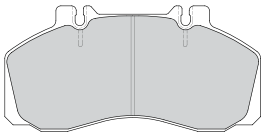
29 011 25,00 40 4
3475 KNR ADB 4300



29 032 25,00 40 4
3475 KNR ADB 3700



29 065 22,00 40 4
1721 MER 2x60



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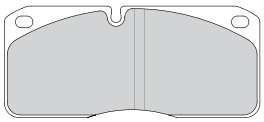
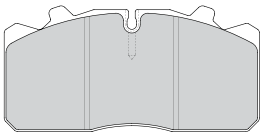
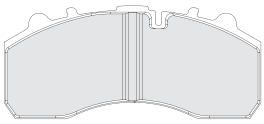
3475 MER 2x68



29 088 26,00 40 4
4523 WAB PAN 17

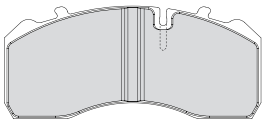


29 196 30,00 40 4
4550 KNR SB7600

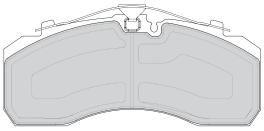


29 196 30,00 41 4
4550 KNR SB7600

29 197 30,00 41 4
4550 KNR SB/SN6

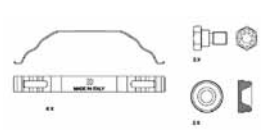


29 253 30,00 41 4
4550 KNR SB/SN7

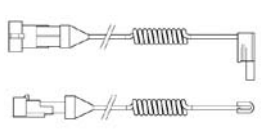


UAC169 ↔
2

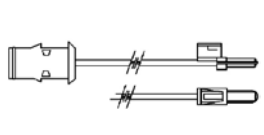
UAC173 ↔
2



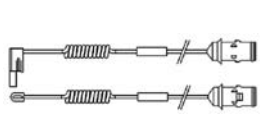
UAI105 ↔ 250mm
2



UAI106 ↔ 495mm
2



UAI110 ↔ 400mm
2

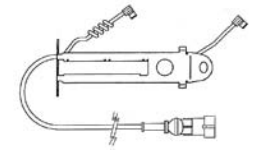


UAI113 ↔ 495mm
2

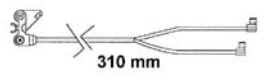
UAI119 ↔ 475mm
2

UAI125 ↔ 285mm
2

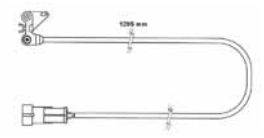
UAI126 ↔ 365mm
2



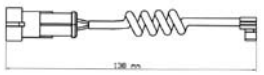
UAI160 ↔ 310mm
2



UAI173 ↔ 1285mm
2



UAI176 ↔ 150mm
2

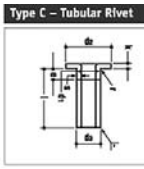


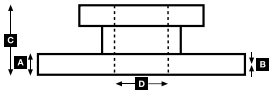
UAI209 ↔ 548mm
2

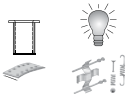
		∅	A	B	C	D		Kg		ABS
BCR105A		304	30.0	27.8	128	165	6x18,15 2xM10	13.9		
BCR106A		322	30.0	27.8	134	215	8x20,15 2xM10	18.0		
BCR110A		370	45.0	41.0	150	215	8x20 2xM10	31.0	✓	
BCR111A		370	45.0	41.0	181.5	215	8x22,15 2xM10	32.0	✓	
BCR132A		430	50.0	46.0	102	170	12xM16	35.0		
BCR173A		436	45.0	37.0	138.5	210	12xM16	37.7		
BCR237A		330	34.0	28.0	141	215	8x20 2xM10	23.2		✓
BCR238A		377	45.0	38.0	151	215	8xM20 2xM10	33.0	✓	
BCR239A		377	45.0	37.0	151	215	8xM22 2xM10	32.6	✓	
BCR254A		432	45.0	37.0	139	210	12xM16x2	37.7		
BCR307A		377	45.0	37.0	151	225	8xM20 2xM10	33.6	✓	✓
FCR157A		304	30.0	27.8	128	165	6x18,15 2xM10	13.9	✓	
FCR231A		322	30.0	27.0	134	215	8x20,15 2xm10	20.1	✓	
FCR232A		322	30.0	27.0	134	215	8x20,15 2xm10	17.6	✓	
FCR233A		304	30.0	27.8	128	165	6x18,15 2xM10	13.9	✓	
FCR240A		377	45.0	37.0	151	225	8xM20 2xM10	31.0	✓	✓
FCR241A		377	45.0	37.0	151	225	8xM22 2xM10	31.0	✓	✓
FCR251A		430	50.0	46.0	102	170	12	34.6	✓	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

Type C – Tubular Rivet







...IVECO

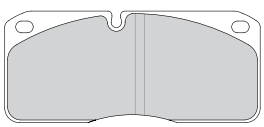
...EuroCargo

110E15, E18, E23 120E15, E18, E23 130E15, E18, E23 140E15, E18, E23, E27	04/02→05/03	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	
150E15, E18, E23, E27	01/92→06/98	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15	Opt.	93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
150E15, E18, E23, E27	07/98→03/02	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15	Opt.	93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
150E15, E18, E23, E27	04/02→	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15	Opt.	93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
170E18, E23, E27 175E24, E27	01/94→06/98	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	
170E18, E23, E27 175E24, E27	07/98→03/02	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	
170E18, E23, E27 175E24, E27	04/02→	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	
			19 503 16,00 60 4	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	
176E30, E34 179E24, E27, E30 325E27 196kW/266PS 390E30 221kW/300PS	1991→06/98 1991→	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
176E30, E34	1991→	R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
176E30, E34 179E24, E27, E30	04/02→	R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
179E24, E27, E30	07/98→03/02	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
180E27 196kW /267PS	01/94→	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
210E23 250E23 280E23	04/02→05/03	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	
320E23, E27 196kW /267PS	07/98→03/02	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058	UAI209	
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15	Opt.	93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
390E34 254kW /345PS	1991→	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684	UAI211	
				2	19 385	CW/4/2	381	188	178	►18,15		93684		

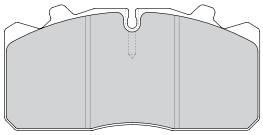
Eurocargo Tector

65, 75, 80, 90 Series	09/00→	F	**29 122 22,00 40 4**	4	29 122	FCV1126	304	175	86	22			UAI106/UAI113	**BCR105A**
							304				Opt 65mm studs/Opt wear indicators		UAI119/UAI176	**FCR233A**
		R	**29 122 22,00 40 4**	4	29 122	FCV1126	304	175	86	22			UAI106/UAI113	**BCR105A**
							304				ABS, 01/06→			**BCR322A**
							304				Opt 75mm studs/Opt wear indicators		UAI119/UAI176	**FCR157A**
100 Series		F	**29 067 22,00 40 4**	4	29 067	FCV733	322	176	79	22			UAI106/UAI113	**FCR232A**
											Opt wear indicators		UAI119/UAI176	
		R	**29 067 22,00 40 4**	4	29 067	FCV733	322	176	79	22	Opt wear indicators		UAI119/UAI176	**FCR231A**
							322				ABS, 01/06→			**BCR341A**
120 Series	09/00→	F	**29 088 26,00 40 4**	4	29 088	FCV1354	330	176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAI126/UAC173	**BCR237A**
		R	**29 088 26,00 40 4**	4	29 088	FCV1354	330	176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAI126/UAC173	**BCR237A**

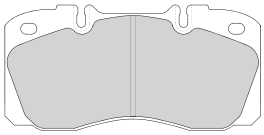
29 067 22,00 40 4
3475 MER 2x68



29 088 26,00 40 4
4523 WAB PAN 17

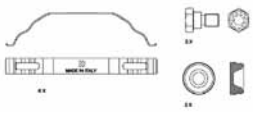


29 122 22,00 40 4
1721 BRE 2 x 68



UAC169 ↔

UAC173 ↔

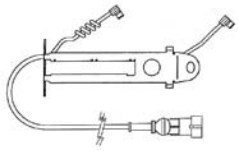


UAI106 ↔ 495mm
2

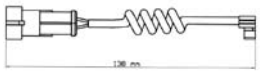
UAI113 ↔ 495mm
2

UAI119 ↔ 475mm
2

UAI126 ↔ 365mm
2



UAI176 ↔ 150mm
2



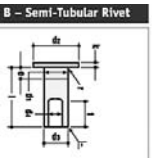
UAI209 ↔ 548mm
2

UAI211 ↔ 955mm
2

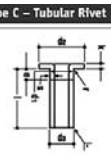
		∅	A	B	C	D		Kg		ABS
BCR105A		304	30.0	27.8	128	165	6x18,15 2xM10	13.9		
BCR237A		330	34.0	28.0	141	215	8x20 2xM10	23.2		✓
BCR322A		304	30.0	27.8	128.5	165	6	14.1		✓
BCR341A		322	30.0	27.8	134	215	8	17.9		✓
FCR157A		304	30.0	27.8	128	165	6x18,15 2xM10	13.9	✓	
FCR231A		322	30.0	27.0	134	215	8x20,15 2xm10	20.1	✓	
FCR232A		322	30.0	27.0	134	215	8x20,15 2xm10	17.6	✓	
FCR233A		304	30.0	27.8	128	165	6x18,15 2xM10	13.9	✓	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

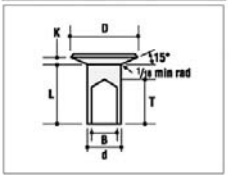
Type B – Semi-Tubular Rivet

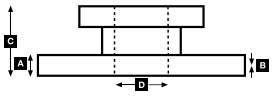


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





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...Eurocargo Tector

130, 150 Series	09/00→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30			UAI160+UAI173	**BCR238A**
							377				ABS			**FCR240A**
		F					377				07/05→			**FCR319A**
		R	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30			UAI160+UAI173	**BCR307A**
320 Series	09/00→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30			UAI160+UAI173	**BCR239A**
							377				ABS			**FCR241A**
		R	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30			UAI160+UAI173	**BCR308A**
180, 260 Series	09/00→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	432	248	108	30			UAI160+UAI173	**BCR254A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	432	248	108	30			UAI160+UAI173	**BCR254A**

EuroCargo Tector

130, 150 Series		R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0	Opt.	93058	UAI209	

Eurostar

All Models fitted with Bendix 4300 brake	01/93→	F	**29 011 25,00 40 4**	4	29 011	FCV773	430	241	125	25	→Ch.043134		UAI105/UAI110	**BCR132A**
		R	**29 011 25,00 40 4**	4	29 011	FCV773	430	241	125	25	→Ch.043134		UAI105/UAI110	**BCR132A**
							430				Opt studs			**FCR251A**
All Models fitted with Knorr SB76... Brake	→03/02	F	**29 196 30,00 40 4**	4	29 196	FCV1914FE	436	248	108	30	Ch.043135→		UAI125+UAI173	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, Ch.043135→		UAI125+UAI173	**BCR173A**
		R	**29 196 30,00 40 4**	4	29 196	FCV1914FE	436	248	108	30	Ch.043135→		UAI125+UAI173	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, Ch.043135→		UAI125+UAI173	**BCR173A**
All Models fitted with Knorr SB/SN7... Brake	04/02→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	432	248	108	30			UAI160+UAI173	**BCR254A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	432	248	108	30			UAI160+UAI173	**BCR254A**

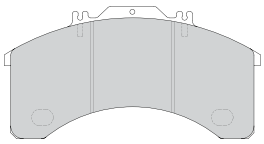
EuroStar

Meritor brake with 5° pressure plate (old version)	→04/96	R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4		93058		
				2	19 554	RW/29/2	410	180	200	►20,4		93058		
		R2	**19 555 20,40 60 5**	6	19 556	RW/28/1	410	180	180	►20,4		93058		
				2	19 555	RW/28/2	410	180	180	►20,4		93058		
Meritor brake with 15° pressure plate (new version)	05/96→08/98	R	**19 716 22,20 60 5**	4	19 553	RW/29/1	410	180	200	►20,4		93058		
				2	19 717	RW/32/1	410	196	200	►21,9		93058		
				2	19 716	RW/33/1	410	196	200	►22,2		93058		
		R2	**19 714 22,20 60 5**	4	19 556	RW/28/1	410	180	180	►20,4		93058		
				2	19 715	RW/30/1	410	196	180	►21,9		93058		
				2	19 714	RW/31/1	410	196	180	►22,2		93058		
Perrot brake with 60mm pitch	09/98→04/99	R1	**19 263 19,80 60 5**	2	19 343	PB/24/2	410	201	200	►19,8	Ch.053915 - Ch.063808	93060	UAI208	
				6	19 263	PB/24/1	410	201	200	►19,8		93060		
		R2	**19 262 19,80 60 5**	6	19 262	PB/25/1	410	201	180	►19,8	Ch.053915 - Ch.063808	93060	UAI208	
				2	19 342	PB/25/2	410	201	180	►19,8		93060		
Perrot brake with 65mm pitch	05/99→	R1	**19 091 21,50 00 5**	6	19 098	PB/42/2	410	204	202	►21,5	Ch.063809→	93060		
				2	19 091	PB/42/1	410	204	202	►21,5		93060		
		R2	**19 099 21,50 00 5**	6	19 100	PB/41/1	410	204	180	►21,5	Ch.063809→	93060		
				2	19 099	PB/41/2	410	204	180	►21,5		93060		

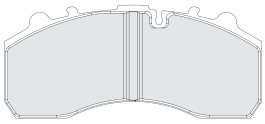
EuroTech

Meritor brake with 5° pressure plate (old version)	→04/96	R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4		93058		
				2	19 554	RW/29/2	410	180	200	►20,4		93058		
		R2	**19 555 20,40 60 5**	6	19 556	RW/28/1	410	180	180	►20,4		93058		
				2	19 555	RW/28/2	410	180	180	►20,4		93058		
Meritor brake with 15° pressure plate (new version)	05/96→08/98	R	**19 716 22,20 60 5**	4	19 553	RW/29/1	410	180	200	►20,4		93058		
				2	19 717	RW/32/1	410	196	200	►21,9		93058		
				2	19 716	RW/33/1	410	196	200	►22,2		93058		
		R2	**19 714 22,20 60 5**	4	19 556	RW/28/1	410	180	180	►20,4		93058		
				2	19 715	RW/30/1	410	196	180	►21,9		93058		
				2	19 714	RW/31/1	410	196	180	►22,2		93058		
Perrot brake with 60mm pitch	09/98→04/99	R	**19 263 19,80 60 5**	2	19 343	PB/24/2	410	201	200	►19,8	Ch.4206701-Ch.4215282	93060	UAI208	
				6	19 263	PB/24/1	410	201	200	►19,8		93060		
Perrot brake with 65mm pitch	05/99→	R	**19 091 21,50 00 5**	6	19 098	PB/42/2	410	204	202	►21,5	Ch.4215283→	93060		
				2	19 091	PB/42/1	410	204	202	►21,5		93060		
		R2	**19 099 21,50 00 5**	6	19 100	PB/41/1	410	204	180	►21,5	Ch.4215283→	93060		
				2	19 099	PB/41/2	410	204	180	►21,5		93060		
Perrot brake with 60mm pitch	→04/99	R2	**19 262 19,80 60 5**	6	19 262	PB/25/1	410	201	180	►19,8	Ch.4206701-Ch.4215282	93060	UAI208	
				2	19 342	PB/25/2	410	201	180	►19,8		93060		

29 011 25,00 40 4
3475 KNR ADB 4300

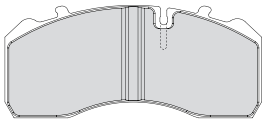


29 196 30,00 40 4
4550 KNR SB7600

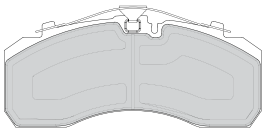


29 196 30,00 41 4
4550 KNR SB7600

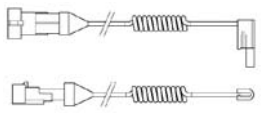
29 197 30,00 41 4
4550 KNR SB/SN6



29 253 30,00 41 4
4550 KNR SB/SN7



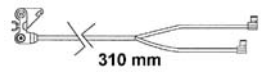
UAI105 ↔ 250mm
2



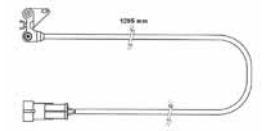
UAI110 ↔ 400mm
2

UAI125 ↔ 285mm
2

UAI160 ↔ 310mm
2



UAI173 ↔ 1285mm
2



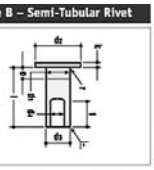
UAI208 ↔ 1300mm
2

UAI209 ↔ 548mm
2

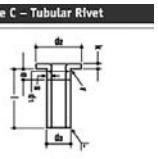
		∅	A	B	C	D		Kg		ABS
BCR132A		430	50.0	46.0	102	170	12xM16	35.0		
BCR173A		436	45.0	37.0	138.5	210	12xM16	37.7		
BCR238A		377	45.0	38.0	151	215	8xM20 2xM10	33.0	✓	
BCR239A		377	45.0	37.0	151	215	8xM22 2xM10	32.6	✓	
BCR254A		432	45.0	37.0	139	210	12xM16x2	37.7		
BCR307A		377	45.0	37.0	151	225	8xM20 2xM10	33.6	✓	✓
BCR308A		377	45.0	37.0	151	225	8xM22 2xM10	34.1	✓	✓
FCR240A		377	45.0	37.0	151	225	8xM20 2xM10	31.0	✓	✓
FCR241A		377	45.0	37.0	151	225	8xM22 2xM10	31.0	✓	✓
FCR251A		430	50.0	46.0	102	170	12	34.6	✓	
FCR319A		377	45.0	37.0	107	168	14	24.9		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

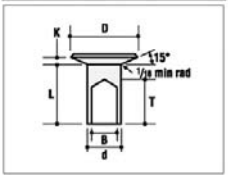
Type B – Semi-Tubular Rivet

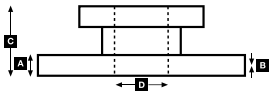


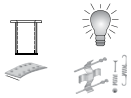
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...IVECO

Eurotech MH

190E24, 190E27, 190E31, 190E35, 260E24 Y/P, 260E27 Y/P, 260E31 Y/P, 260E35 Y/P, 400E31 TP, 400E35 TP 180-259kW	09/98→	F	**29 011 25,00 40 4**	4	29 011	FCV773	430	241	125	25	→Ch.4196434		UAI105/UAI110	**BCR132A**
			29 196 30,00 40 4	4	29 196	FCV1914FE	436	248	108	30	Ch.4196435→		UAI125+UAI173	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, Ch.4196435→		UAI125+UAI173	**BCR173A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	108	30	04/02→		UAI160+UAI173	**BCR254A**
							430				Opt studs			**FCR251A**
		R	**29 011 25,00 40 4**	4	29 011	FCV773	430	241	125	25	→Ch.4196434		UAI105/UAI110	**BCR132A**
			29 196 30,00 40 4	4	29 196	FCV1914FE	436	248	108	30	Ch.4196435→		UAI125+UAI173	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, Ch.4196435→		UAI125+UAI173	**BCR173A**
							430				Opt studs			**FCR251A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	108	30	04/02→		UAI160+UAI173	**BCR254A**

Eurotech MP

180E34, 180E42, 190E34, 190E38,190E39 / P, 190E40 /P, 190E42, 190E43, 240E30 PS, 240E34, 240E38, 240E42, 260E38 P, 260E39 Y/P, 260E40 Y/P, 260E42, 260E43 Y/P, 400E34 T, 400E38 T, 400E38 TXP, 400E42 T, 440E38 TZ 221-316kW	01/92→	F	**29 011 25,00 40 4**	4	29 011	FCV773	430	241	125	25	→Ch.4196434		UAI105/UAI110	**BCR132A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, Ch.4196435→		UAI125+UAI173	**BCR173A**
			29 196 30,00 40 4	4	29 196	FCV1914FE	436	248	108	30	Ch.4196435→		UAI125+UAI173	**BCR173A**
							430				Opt studs			**FCR251A**

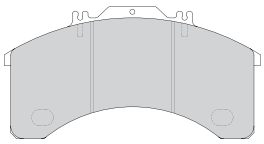
Eurotech MT

180E24, 180E27, 180E30 R, 180E34 R, 190E24, 190E27, 190E30, 400E30 T, 400E34 T, 400E30 T, 400E34 T 176-254kW	01/92→08/98	F	**29 011 25,00 40 4**	4	29 011	FCV773	430	241	125	25	→Ch.4196434		UAI105/UAI110	**BCR132A**
			29 196 30,00 40 4	4	29 196	FCV1914FE	436	248	108	30	Ch.4196435→		UAI125+UAI173	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, Ch.4196435→		UAI125+UAI173	**BCR173A**
							430				Opt studs			**FCR251A**

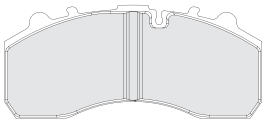
EuroTrakker

Meritor brake with 5° pressure plate (old version)	07/98→	All	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Ch.050897 →	93058		
				2	19 554	RW/29/2	410	180	200	►20,4		93058		
Meritor brake with 15° pressure plate (new version)	07/98→	All	**19 716 22,20 60 5**	4	19 553	RW/29/1	410	180	200	►20,4	Ch.050897 →	93058		
				2	19 717	RW/32/1	410	196	200	►21,9		93058		
				2	19 716	RW/33/1	410	196	200	►22,2		93058		
Wabco/Perrot 410x20 Brake	01/93→06/98	All	**19 263 19,80 60 5**	2	19 343	PB/24/2	410	201	200	►19,8		93060		
				6	19 263	PB/24/1	410	201	200	►19,8		93060		
MP 190 E 30 W; MP 190 E 34 H; MP 190 E 34 W; MP 190 E 37 H; MP 190 E 37 W; MP 190 E 42 H; MP 190 E 42 W; MP 260 E 30 H; MP 260 E 34 H; MP 260 E 34 W; MP 260 E 37 H; MP 260 E 37 W; MP 260 E 42 H; MP 260 E 42 W; MP 340 E 34 H; MP 340 E 37 H; MP 340 E 42 H; MP 380 E 34 H; MP 380 E 37 H; MP 380 E 37 W; MP 380 E 42 H; MP 380 E 42 H; MP 380 E 42 W; MP 400 E 34 HT; MP 400 E 37 HT; MP 400 E 37 WT; MP 400 E 42 HT; MP 400 E 42 WT; MP 410 E 37 H; MP 410 E 42 H; MP 410 E 42 W; MP 440 E 34 HT; MP 440 E 37 HT; MP 440 E 42 HT; MP 720 E 37 HT; MP 720 E 37 WT; MP 720 E 42 HT; MP 720 E 42 WT; MP 720 E 47 HT; MP 440 E 37 HT; MP 440 E 42 HT; MP 720 E 37 HT; MP 720 E 37 WT; MP 720 E 42 HT; MP 720 E 42 WT; MP 720 E 47 HT	06/03→	F	**19 109 21,70 00 6**	4	19 109		410	195.5	180	21,7		93058	UAI207	
				4	19 110		410	195.5	180	21,7		93058		
		R	**19 109 21,70 00 6**	4	19 109		410	195.5	180	21,7		93058	UAI207	
				4	19 110		410	195.5	180	21,7		93058		
		F	**19 116 21,70 00 6**	4	19 116		410	195.5	200	21,7		93058	UAI207	
				4	19 119		410	195.5	200	21,7		93058		
		R	**19 116 21,70 00 6**	4	19 116		410	195.5	200	21,7		93058	UAI207	
				4	19 119		410	195.5	200	21,7		93058		

29 011 25,00 40 4
3475 KNR ADB 4300

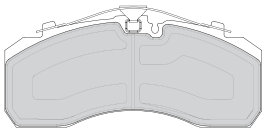


29 196 30,00 40 4
4550 KNR SB7600

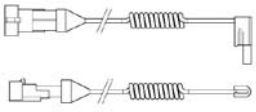


29 196 30,00 41 4
4550 KNR SB7600

29 253 30,00 41 4
4550 KNR SB/SN7



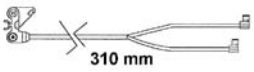
UAI105 ↔ 250mm
2



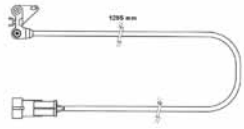
UAI110 ↔ 400mm
2

UAI125 ↔ 285mm
2

UAI160 ↔ 310mm
2



UAI173 ↔ 1285mm
2

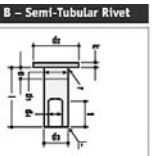


UAI207 ↔ 1310mm
2

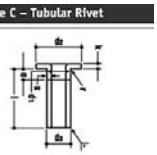
		∅	A	B	C	D		Kg	
BCR132A		430	50.0	46.0	102	170	12xM16	35.0	
BCR173A		436	45.0	37.0	138.5	210	12xM16	37.7	
BCR254A		432	45.0	37.0	139	210	12xM16x2	37.7	
FCR251A		430	50.0	46.0	102	170	12	34.6	✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

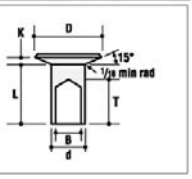
Type B – Semi-Tubular Rivet

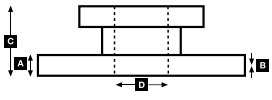


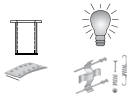
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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Eurotrakker Cursor

MP 190 E 30 H, MP 190 E 30 W, MP 190 E 34 H, MP 190 E 34 W, MP 190 E 37 H, MP 190 E 37 W, MP 190 E 42 H, MP 190 E 42 W, MP 260 E 30 H, MP 260 E 34 H, MP 260 E 34 W, MP 260 E 37 H, MP 260 E 37 W, MP 260 E 42 H MP 260 E 42 W, MP 340 E 34 H, MP 340 E 37 H, MP 340 E 42 H, MP 380 E 34 H, MP 380 E 37 H, MP 380 E 37 W, MP 380 E 42 H, MP 380 E 42 W, MP 400 E 34 HT, MP 400 E 37 HT, MP 400 E 37 WT, MP 400 E 42 HT, MP 400 E 42 WT, MP 410 E 37 H	06/03→	F	**19 109 21,70 00 6**	4 4	19 109 19 110		410 410	195.5 195.5	180 180	21,7 21,7		93058 93058	UAI207	
MP 410 E 42 H, MP 410 E 42 W, MP 440 E 34 HT, MP 440 E 37 HT, MP 440 E 42 HT, MP 720 E 37 HT, MP 720 E 37 WT, MP 720 E 42 HT, MP 720 E 42 WT, MP 720 E 47 HT		R	**19 109 21,70 00 6**	4 4	19 109 19 110		410 410	195.5 195.5	180 180	21,7 21,7		93058 93058	UAI207	

Eurotrakker/Eurotrakker Cursor

MP190, MP190E30 H, MP190E30 W, MP190E31 H Cursor, MP190E31 W Cursor, MP190E34 H, MP190E34 W, MP190E35 H Cursor, MP190E35 W Cursor, MP190E37 H, MP190E37 W, MP190E38 W, MP190E42 H, MP190E42 W, MP190E44 W Cursor, MP 221-345kW	09/99→	F	**29 196 30,00 40 4**	4	29 196	FCV1914FE	436	248	108	30	→03/02		UAI125+UAI173	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, →03/02		UAI125+UAI173	**BCR173A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	108	30	04/02→		UAI160+UAI173	**BCR254A**
		R	**29 196 30,00 40 4**	4	29 196	FCV1914FE	436	248	108	30	→03/02		UAI125+UAI173	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, →03/02		UAI125+UAI173	**BCR173A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	108	30	04/02→		UAI160+UAI173	**BCR254A**

Loadstar

175.17, 24	1987→1992	F	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15		93684 93684		
		R	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15		93684 93684		

Maggie

300.25, 30 300.32, 32 mixer 300.34, 34 mixer	1987→	F1	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15		93684 93684		
		F2	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15		93684 93684		
		R1	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15		93684 93684		
		R2	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15		93684 93684		

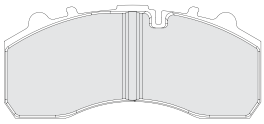
MK-Series

80.13 80.16 90.13	01/83→12/91	F	**17 827 12,50 60 3***	2 2	17 827 17 828	SA/28/1 SA/29/1	325 325	251 210	120 120	12,5 12,5	*use/verwenden J1227928			
		R	**19 620 12,50 60 3**	2 2	19 621 19 620	SA/30/1 SA/31/1	325 325	251 210	150 150	12,5 12,5				
110.13 110.16 110-130.13 130.16	01/83→12/91	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
		R	**19 622 12,70 60 4**	4	19 622	LH/82/2	394	354	152	12,7				

M-Series

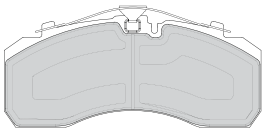
115.14/17 Turbo 135.14/17 145.17	1983→12/91	F	**19 225 14,00 60 4**	4	19 225	FI/124/2	360	318	170	14,0		93059		
		R	**19 225 14,00 60 4**	4	19 225	FI/124/2	360	318	170	14,0		93059		
120 F 13, F 13 P 120 F 14, F 14 R, F 14 T 120 NC & 140 NC 140 F 14, F 20, F 20 R-T 150 F 14, 150 F 17 150 NC 17, NC 20 150 NR 20, NT 20 168.14	1979→1990 1978→1990	F	**17 885 12,50 00 8**	8	17 885	FI/113/1	420	211	135	12,5		93060		
		R	**17 885 12,50 00 8**	8	17 885	FI/113/1	420	211	135	12,5		93060		
120 PC 17 (4x2, 4x4)		R	**19 622 12,70 60 4**	4	19 622	LH/82/2	394	354	152	12,7				

29 196 30,00 40 4
4550 KNR SB7600



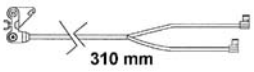
29 196 30,00 41 4
4550 KNR SB7600

29 253 30,00 41 4
4550 KNR SB/SN7

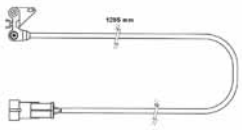


UAI125 ↔ 285mm
2

UAI160 ↔ 310mm
2



UAI173 ↔ 1285mm
2

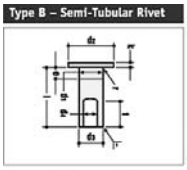


UAI207 ↔ 1310mm
2

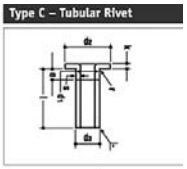
		Ø	A	B	C	D		Kg	
BCR173A		436	45.0	37.0	138.5	210	12xM16	37.7	
BCR254A		432	45.0	37.0	139	210	12xM16x2	37.7	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

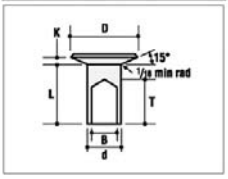
Type B – Semi-Tubular Rivet

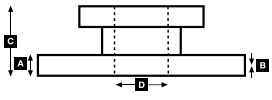


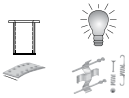
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...IVECO

...M-Series

110-130 NC, NR, NT	1973→	F	**17 481 12,00 60 4**	4	17 481	FI/86/1	420	421	125	12,0	Eaton axle	93058		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
130 NT/14 & NT/20	1978→	F	**17 481 12,00 60 4**	4	17 481	FI/86/1	420	421	125	12,0		93058		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7	Eaton axle	93684		
135.14 (4x2)	1984→	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
150.16 AN Turbo, ANW Turbo	1987→			2	19 385	CW/4/2	381	188	178	►18,15		93684		
159.17 (4x2)	1984→1990	R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
159.2	1980→1990			2	19 385	CW/4/2	381	188	178	►18,15		93684		
159.20 R, 159.20 T														
165.24														
175.17 (4x2)	1987→1992													
175.24 (4x2)														

Old Models Fiat OM

160 NC - 697		F	**17 482 12,00 60 4**	4	17 482	FI/94/1	420	397	125	12,0		93058		
180NC		F	**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93059		
Brake 325x100			**17 408 08,00 60 3***	2	17 793	FI/102/1	325	296	100	8,0	* use/verwenden K17408.0-F3653	93048		
Range 60/75NC				2	17 408	FI/104/1	325	296	100	8,0		93048		
Brake 325x80			**15 732 07,00 60 3**	2	15 733	FI/100/1	325	256	80	7,0		93048		
Range 40/55NC				2	15 732	FI/101/1	325	298	80	7,0		93048		
Brake 420x125			**17 482 12,00 60 4**	4	17 482	FI/94/1	420	397	125	12,0		93058		
Brake 420x180			**15 494 12,00 60 4**	4	15 494	FI/95/1	420	397	90	12,0	Wheel set	93060		
Brake 420x90			**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93059		
Range 160/180NC - 697		R	**15 494 12,00 60 4**	4	15 494	FI/95/1	420	397	90	12,0	Wheel set	93060		

Stralis

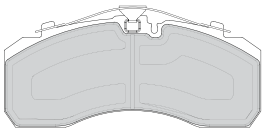
AS 260S40/PS, AS 260S43/PS,AS 260S48/PS, AS 260S54/PS, AS 440S40 T/P, AS 440S40 TX/P, AS 440S43 T/P, AS 440S43 TX/P, AS 440S48 T/P, AS 440S48 TX/P, AS 440S54 T/P 294-397kW	04/02→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	432	248	108	30	Ch.4334465→ (2007→), W.I. not required w.i. cable extension		UAI160→06 UAI173→06	**BCR254A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	432	248	108	30	Ch.4334465→ (2007→), W.I. not required w.i. cable extension		UAI160→06 UAI173→06	**BCR254A**
							432				ABS			**BCR318A**

T / P / PA-Series

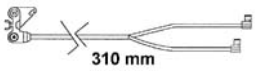
160 NC, NT	1978→1991	F	**17 482 12,00 60 4**	4	17 482	FI/94/1	420	397	125	12,0		93058		
170 F 26, T 26, F 35, F 35 T	1981→1991	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
170 F 30 Turbo				2	19 385	CW/4/2	381	188	178	►18,15		93684		
190 F 26, FT 26, F 35, F 35T	→1991													
for pneum. wheel suspension	1979→1991													
190 F 30, F 30 T	→1991	F	**17 869 12,50 60 8**	8	17 869	FI/105/1	420	197	140	12,5		93060		
190 F 35, F 35 T		R	**19 694 12,50 60 8**	8	19 694	FI/106/1	420	197	180	12,5		93060		
190 PAC 20 & 26	1978→1991	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
190 PAT 26	→1991			2	19 385	CW/4/2	381	188	178	►18,15		93684		
190 PC 26 (4x2), PT 26 (4x2)		R1	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
190 PC 26 (4x4)				2	19 385	CW/4/2	381	188	178	►18,15		93684		
190 PC 35, PT 35 (4x2)		R2	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
190.25 (4x2)	1987→1991			2	19 385	CW/4/2	381	188	178	►18,15		93684		
190.29 Turbo (4x2)	1982→1991													
190.30 Turbo (6x2, 6x4)	1982→1992													
190.30 Turbo, T Turbo 224kW/304PS														
190.32 (4x2)	1989→1992													
190.33 T TurboStar 243kW/330PS	1984→1992													
190.36 TurboStar	1987→1992													
190.38 Turbo, T Turbo 280kW/381PS	1982→1991													
190.42 T TurboStar 309kW/420PS	1984→1992													
190.44 T, TurboStar 324kW/440PS	1986→1992													
190.48 TurboStar	1989→1992													
220 F 35 T (6x2, 6x4) 259kW/352PS	1979→1991													
220.30 Turbo (6x2, 6x4)	1982→1991													
220.32 (6x2)	1989→1992													
220.36 (6x2)	1987→1992													
220.38 P (6x2x4)	1982→1991													

BERAL®

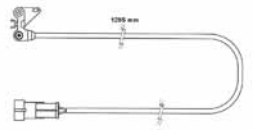
29 253 30,00 41 4
4550 KNR SB/SN7



UAI160 ↔ 310mm
2



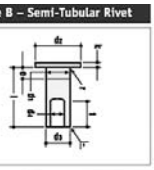
UAI173 ↔ 1285mm
2



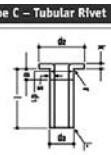
		∅	A	B	C	D		Kg		ABS
BCR254A		432	45.0	37.0	139	210	12xM16x2	37.7		
BCR318A		432	45.0	37.0	154	210	12	38.0		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

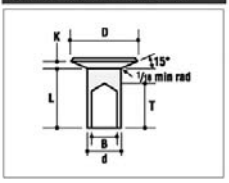
Type B – Semi-Tubular Rivet

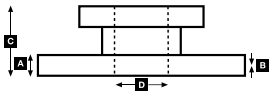


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...IVECO

...T / P / PA-Series

220.38 T Turbo	1986→1991													
240 F 26 191kW /260PS	1978→1991													
240 F 35 259kW /352PS														
240.30/38 Turbo	→1991													
240.38 P (6x2)	1982→1992													
260 F 26 191kW /260PS	1978→1991													
260 F 35 259kW /352PS														
260 PAC 26														
260 PC 26 (6x6)	→1991													
260 PC 26, PT 26 (6x4)														
260 PC 35 (6x6)														
260 PC 35, PT 35 (6x4) 259kW/352PS	1979→1991													
260.25 AN (6x4)	→1991													
260.48	1987→1992													
330 F 26	→1991													
330 F 35 P, PT (6x4) 259kW/352PS	1979→1991													
330 PC 26, 35 (6x4)	→1991													
330 PT 35 (6x4), PC 35 (6x6)														
300.23 (8x4)	1984→	F1	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	▶18,15		93684		
300.25 (8x4)	1986→			2	19 385	CW/4/2	381	188	178	▶18,15		93684		
300.30 (8x4)	1987→	F2	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	▶18,15		93684		
300.32 (8x4)	1989→			2	19 385	CW/4/2	381	188	178	▶18,15		93684		
300.34 (8x4)		R1	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	▶18,15		93684		
				2	19 385	CW/4/2	381	188	178	▶18,15		93684		
		R2	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	▶18,15		93684		
				2	19 385	CW/4/2	381	188	178	▶18,15		93684		

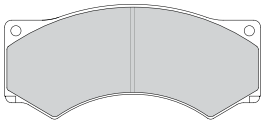
Z-Series

65-12, 79-10, 79-12, 79-13, 79-14 85-101kW	1987→1990	F	**29 024 23,00 41 3***	4	29 024	FCV503	315	191	89	23	* use/verwenden FCV503		UAI106/UAI113	**BCR108A**
			29 067 22,00 40 4	4	29 067	FCV733	322	176	79	22	Opt			**BCR107A**
79-12, 79-14 99kW	1983→1987	F	**29 017 23,00 40 4**	4	29 017	FCV376	315	191	89	23				**BCR108A**
79-14 99kW	02/92→10/92	F	**29 029 23,00 41 3***	4	29 029	FCV952	315	191	87	23	use/verwenden FCV952			**BCR108A**
95-14, 109-14 101kW	1988→1990	F	**29 067 22,00 40 4**	4	29 067	FCV733	322	176	79	22			UAI106/UAI113	**BCR107A**

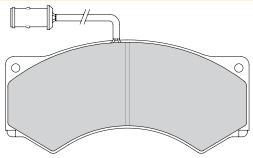
Z-Series

50-10	02/82→1990	F	**17 924 12,50 60 3**	2	17 924	FI/120/1	325	249	100	12,5		93048		
50-8				2	17 925	FI/121/1	325	288	100	12,5		93048		
50-9		R	**17 924 12,50 60 3**	2	17 924	FI/120/1	325	249	100	12,5		93048		
55-10				2	17 925	FI/121/1	325	288	100	12,5		93048		
55-8														
55-9														
60-10														
65-10														
70-10														
75-10														
79-10	1983→1987													
65-12, 79-10, 79-12, 79-13, 79-14 85-101kW	1987→1990	R	**17 635 12,00 60 3**	2	17 635	SY/20/2	325	249	120	12,0		93048		
				2	17 636	SY/26/1	325	288	120	12,0		93048		
79.13	1987→1990	R	**17 635 12,00 60 3**	2	17 635	SY/20/2	325	249	120	12,0		93048		
79.14				2	17 636	SY/26/1	325	288	120	12,0		93048		
79.14 102kW /138PS	1983→1987	R	**17 635 12,00 60 3**	2	17 635	SY/20/2	325	249	120	12,0		93048		
				2	17 636	SY/26/1	325	288	120	12,0		93048		
100.13	1981→1990	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
		R	**19 622 12,70 60 4**	4	19 622	LH/82/2	394	354	152	12,7				
109.14 102kW /138PS	1983→1988	F	**19 821 12,00 60 3**	2	19 822	SY/33/1	325	249	160	12,0		93049		
				2	19 821	SY/34/1	325	288	160	12,0		93049		
		R	**19 821 12,00 60 3**	2	19 822	SY/33/1	325	249	160	12,0		93049		
				2	19 821	SY/34/1	325	288	160	12,0		93049		

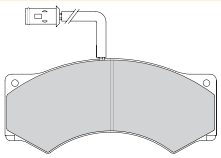
29 017 23,00 40 4
3422 WAB 456 F-Ö



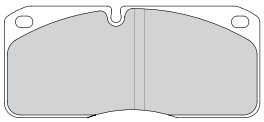
29 024 23,00 41 3*
1721 WAB 456 F-Ö



29 029 23,00 41 3*
1721 WAB 456 F-Ö



29 067 22,00 40 4
3475 MER 2x68



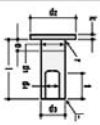
UAI106 ↔ 495mm
2

UAI113 ↔ 495mm
2

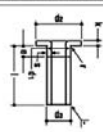
		∅	A	B	C	D		Kg	
BCR107A		322	30.0	27.8	129	220	8x20,15 2xM10	19.4	✓
BCR108A		315	26.0	23.0	118.5	160	6x18,05 2xM10	13.7	✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

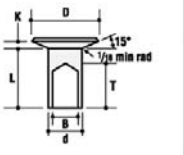
Type B – Semi-Tubular Rivet

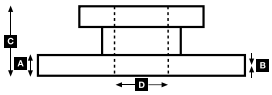


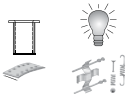
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







JELCZ

422, 423, 424, 425, 442, 622, 623

	1991→	F	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		
		R	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		

424

All	1993→	F	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		
		R	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		

425

All	1995→	F	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		
		R	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		

442

All	1994→	F	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		
		R	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		

622

All	1994→	F	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		
	1995→	R	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		

623

All	1993→	F	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		
		R	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		

LIAZ

All

400	01/98→12/01	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**FCR198A**

All

200, 300	1994→1997	R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Opt.	93058		
				2	19 554	RW/29/2	410	180	200	►20,4		93058		
		R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Opt.	93058		
				2	19 554	RW/29/2	410	180	200	►20,4		93058		

MAN

14 to-Series:

14.192 141kW /192PS	1977→1988	F	**17 682 17,00 60 8**	8	17 682	MP/29/1	410	175	123	►17,0		93059		
		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
14.220 162kW /220PS	02/82→1989	F	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
14.240 177kW /240PS	04/78→1990	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	

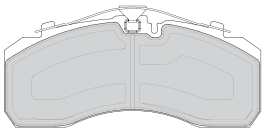
15 to-Series:

15.168 124kW /168PS	1983→1989	F	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
15.220 162kW /220PS	02/82→1989	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
15.240 177kW /240PS		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	

16 to-Series:

16.240 177kW /240PS	01/82→1989	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
16.280 206kW /280PS	02/79→1989	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
16.291 214kW /291PS			**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	
16.360	08/86→1989													
16.331 244kW /331PS	05/81→1988	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
16.332 244kW /332PS	08/86→1989	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
16.362 266kW /362PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	

29 253 30,00 41 4
4550 KNR SB/SN7



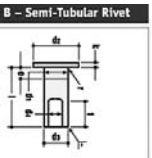
UAI202 ↔ 195mm
4

UAI205 ↔ 205mm
2

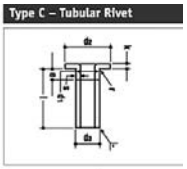
	⌀	A	B	C	D		Kg	
FCR198A	430	45.0	37.0	132	203	10xM14	34.2	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

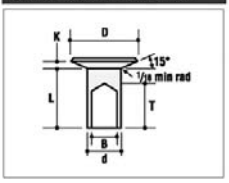
Type B – Semi-Tubular Rivet

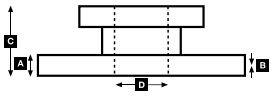


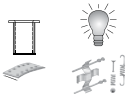
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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17 to-Series:

17.136 100kW /136PS	04/84→1989	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
17.170 125kW /170PS	02/84→1989	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
17.192 141kW /192PS			**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	
17.232 161kW /230PS	08/87→1989													
17.240 177kW /240PS	08/79→1988													
17.152 112kW /152PS	08/87→1989	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
17.182 134kW /182PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
17.222 163kW /222PS														
17.220 162kW /220PS	06/81→1990	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
			19 496 17,00 00 8	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	

19 to-Series:

19.240 177kW /240PS	01/79→1990	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
19.281 207kW /281PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
19.291 214kW /291PS														
19.321 236kW /321PS														
19.331 244kW /331PS														
19.361 266kW /361PS														

20/22 to-Series:

20.24		F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
20.280 206kW /280PS	05/78→1990	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
22.331 244kW /331PS			**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	

24 to-Series:

24.192 141kW /192PS	02/80→1990	F1	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
24.240 177kW /240PS		F2	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
24.291 214kW /291PS		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
24.331 244kW /331PS			**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	
24.361 266kW /362PS														
24.220 162kW /220PS	01/80→1988	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
24.240 177kW /240PS		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
24.291 214kW /291PS			**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	
24.331 244kW /331PS			**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0	Trailing axle	93059	UAI205	
24.361 266kW /361PS														

26 to-Series:

26.240 177kW /240PS	08/79→1988	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
26.281 207kW /280PS		R	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
26.291 214kW /290PS														
26.321 235kW /320PS														
26.331 244kW /330PS														
26.361 266kW /360PS														

30 to-Series:

30.291 214kW /291PS	02/84→1986	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
30.331 244kW /331PS		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	

32/33 to-Series:

32.240 177kW /240PS	08/79→1988	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
32.281 207kW /280PS		R1	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
32.291 214kW /290PS			**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	
32.321 236kW /320PS		R2	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
32.331 244kW /330PS			**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	
32.361 266kW /360PS														
33.291 214kW /291PS	03/82→1988													
33.320 DF, DA 236kW /320PS	1977→1988													
33.331 244kW /330PS	03/82→1988													

38 to-Series:

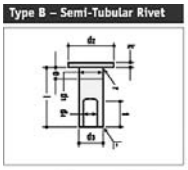
38.320 DFAS, DFAK, DFS, DFK, DF, DA 236kW /320PS	1975→1988	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	

UAI205 ↔ 205mm

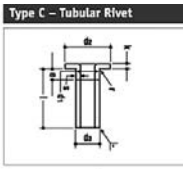
2

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

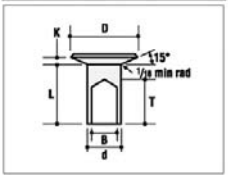
Type B – Semi-Tubular Rivet

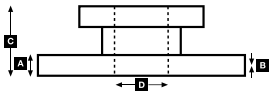


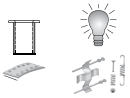
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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40 to-Series:

40.365 269kW /365PS	→1987	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	▶17,0		93059	UAI205	
40.400 294kW /400PS	1982→1988	R1	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
40.440 324kW /440PS		R2	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	

41 to-Series:

41.361 266kW /361PS	03/82→1987	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	▶17,0		93059	UAI205	
		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
			19 496 17,00 00 8	8	19 496	MP/36/2	410	177	223	▶17,0	Opt.	93059	UAI205	

F2000-Series

19t, 23t, 26t, 27t, 33t, 40t 170-441kW	1994→	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28	→03/02		UAI161	**BCR215A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size		UAI161	
			29 156 30,00 41 4	4	29 156	FCV1404BFE	432	250	118	30	04/02→ D-Elsa2		UAI164	**BCR215A**
							432				ABS			**BCR161A**
							438				19t/23t opt disc			**BCR144A**

F2000-Series (19 to):

19.233 FCNG 170kW/231PS 19.603 FLS 441kW/600PS	09/96→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
19.343 FC, FLC, FL, FS, FLS 250kW/340PS 19.423 FC, FLC, FL, FS, FLS 309kW/420PS	01/94→12/95	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
19.273 FA, FK, FAK 198kW/269PS	01/94→12/95	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
19.293 FK, FLK, FAC, FAS, FAK 213kW/290PS	01/94→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
19.314 FK, FLK, FAS	06/98→													
19.323 FAC, FAS, FK, FLK, FAK 235kW/320PS	01/94→12/95													
19.343 FAC, FAS, FK, FLK, FAK 250kW/340PS	01/94→													
19.364 FK, FLK, FAS, FAC, FAK	06/98→													
19.373 FAC, FAS, FK, FLK, FAK 272kW/370PS	01/94→12/95													
19.403 FAC, FAS, FK, FLK, FAK 294kW/400PS	01/94→													
19.414 FAC, FAS, FK, FLK, FAK	06/98→													
19.423 FAC, FAS, FK, FLK, FAK 309kW/420PS	01/94→12/95													
19.463 FAC, FAS, FK, FLK, FAK 338kW/460PS	01/94→													
19.464 FAS, FK, FLK, FAK	06/98→													
19.403 FC, FLC, FL, FS, FLS 294kW/400PS	01/94→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
19.414 FC, FLC, FL, FS, FLS	06/98→													
19.463 FC, FLC, FL, FS, FLS 338kW/460PS	01/94→													
19.464 FC, FLC, FL, FS, FLS	06/98→													
19.364 FC, FLC, FL, FS, FLS	06/98→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	

F2000-Series (23 to):

23.463 FNLLC 338kW /460PS	01/94→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
		R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	▶17,0	Auxiliary axle	93058	UAI202	

F2000-Series (24 to):

24.273 FNLLC 198kW /269PS	01/94→12/95	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059		
24.293 FNLLC 213kW /290PS	01/94→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059		
24.323 FNLLC 235kW /320PS	01/94→12/95													
24.343 FNLLC 250kW /340PS	01/94→													
24.423 FNLLC 309kW /420PS	01/94→12/95													
24.463 FNLLC 338kW /460PS	01/94→													
24.403 FNLLC 294kW /400PS	01/94→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059		
24.403 FNLLC 338kW /460PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059		

F2000-Series (26 to):

26.233 FVLCNG 170kW/231PS	09/96→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
		R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	▶17,0	Auxiliary axle	93058	UAI202	
26.373 DFC, DFLC, DFS, DFLS 272kW/370PS 26.423 DFC, DFLC, DFS, DFLS 309kW/420PS	01/94→12/95	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
26.273 DFK, DFLK 198kW/269PS	01/94→12/95	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
26.293 DFK, DFLK 213kW/290PS	01/94→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
26.323 DFK, DFLK 235kW/320PS	01/94→12/95													
26.343 DFK, DFLK 250kW/340PS	01/94→													
26.373 DFK, DFLK 272kW/370PS	01/94→12/95													
26.403 DFK, DFLK 294kW/400PS	01/94→													
26.423 DFK, DFLK 309kW/420PS	01/94→12/95													

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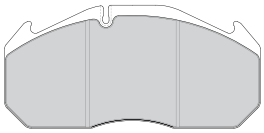
4568 MER D3/D-ELSA 1



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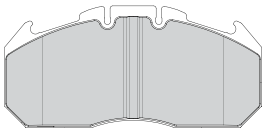
4568 MER D-ELSA 2



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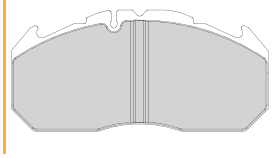
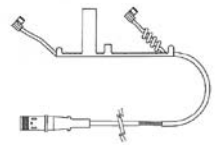
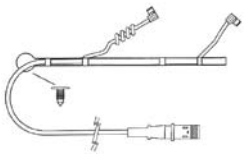


UAI161 ↔ 385mm
2



UAI164 ↔ 290mm
2



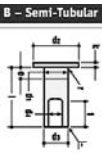
UAI202 ↔ 195mm
4

UAI205 ↔ 205mm
2

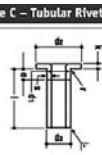
		∅	A	B	C	D		Kg		ABS
BCR144A		438	45.0	35.0	135	200	10xM16	36.0		
BCR161A		432	45.0	37.0	135	208	10xM16	35.0		✓
BCR215A		432	45.0	40.0	135	208	10xM16	37.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

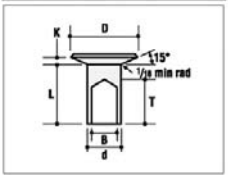
Type B – Semi-Tubular Rivet

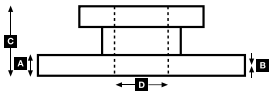


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





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...F2000-Series (26 to):

26.463 DFK, DFLK 338kW/460PS 26.603 DFK, DFLK 441kW/600PS	01/94→ 06/96→												
26.323 FNLC. FNLLC 235kW/320PS 26.323 FNLS, FVLS 235kW/320PS 26.373 FNLC, FNLLC 272kW/370PS 26.373 FNLS, FVLS 272kW/370PS 26.423 FNLC, FNLLC 309kW/420PS 26.423 FNLS, FVLS 309kW/420PS	01/94→12/95	R	**19 496 17,00 00 8** **17 238 17,00 00 8**	8	19 496 17 238	MP/36/2 MP/30/2	410 410	177 175	223 143	►17,0 ►17,0	 Auxiliary axle	93059 93058	UAI205 UAI202
26.463 DFC, DFLC, DFS, DFLS 338kW/460PS	01/94→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
26.343 FNLS, FVLS 250kW/340PS 26.403 FNLC, FNLLC 294kW/400PS 26.403 FNLS, FVLS 294kW/400PS 26.463 FNLC, FNLLC 338kW/460PS 26.463 FNLS, FVLS 338kW/460PS	01/94→	R	**19 496 17,00 00 8** **17 238 17,00 00 8**	8	19 496 17 238	MP/36/2 MP/30/2	410 410	177 175	223 143	►17,0 ►17,0	 Auxiliary axle	93059 93058	UAI205 UAI202
26.603 DFC, DFLC, DFS, DFLS 441kW/600PS	06/96→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205

F2000-Series (27 to):

27.273 DFAC, DFAS, DFAK 198kW/269PS	01/94→12/95	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
27.273 DFK 27.293 DFAC, DFAS, DFAK 213kW/290PS 27.323 DFK, DFAC, DFAS, DFAK 235kW/320PS 27.343 DFK, DFAC, DFAS, DFAK 250kW/340PS 27.373 DFK, DFAK 272kW/370PS 27.403 DFK, DFAC, DFAS, DFAK 294kW/400PS 27.423 DFK, DFAC, DFAS, DFAK 309kW/420PS 27.463 DFK, DFAC, DFAS, DFAK 338kW/460PS	01/94→ 01/94→12/95 01/94→ 01/94→12/95 01/94→ 01/94→12/95 01/94→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
27.373 DFC, DFS 198kW/269PS 27.373 DFC, DFS 235kW/320PS 27.373 DFC, DFS 272kW/370PS 27.423 DFC, DFS 309kW/420PS	01/94→12/95	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
27.463 DFC, DFS 213kW/290PS 27.463 DFC, DFS 250kW/340PS 27.463 DFC, DFS 294kW/400PS 27.463 DFC, DFS 338kW/460PS	01/94→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205

F2000-Series (32 to):

32.293 VFC 213kW /290PS	08/95→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
32.343 VFC, VFK 250kW/340PS 32.403 VFC, VFK 294kW/400PS 32.463 VFC, VFK 338kW/460PS		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205

F2000-Series (33 to):

33.323 DFAC, DFAS, DFAK 235kW/320PS	01/94→12/95	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
33.343 DFAC, DFAS, DFAK 250kW/340PS 33.373 DFAC, DFAS, DFAK 272kW/370PS 33.403 DFAC, DFAS, DFAK 294kW/400PS 33.423 DFAC, DFAS, DFAK 309kW/420PS 33.463 DFAC, DFAS, DFAK 338kW/460PS 33.603 DFAC, DFAS 441kW/600PS	01/94→ 01/94→12/95 01/94→ 01/94→12/95 01/94→ 06/96→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
33.373 DFC, DFS, DFK 272kW/370PS 33.423 DFC, DFS, DFK 309kW/420PS	01/94→12/95	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
33.343 DFC, DFS, DFK 250kW/340PS 33.403 DFC, DFS, DFK 294kW/400PS 33.463 DFC, DFS, DFK 338kW/460PS	01/94→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
33.603 DFC, DFS 441kW/600PS	06/96→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205

F2000-Series (35 to):

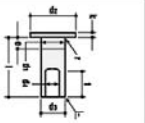
35.343 VFC, VFK 250kW/340PS	08/95→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205
35.403 VFC, VFK 294kW/400PS 35.463 VFC, VFK 338kW/460PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205

UAI202 ↔ 195mm
4

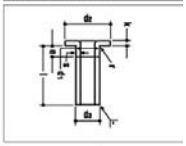
UAI205 ↔ 205mm
2

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

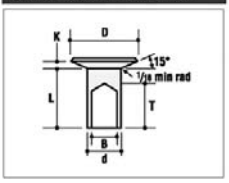
Type B – Semi-Tubular Rivet

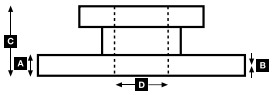


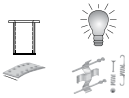
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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F2000-Series (40 to):

40.403 DFAK, DFAS, DFK 294kW/400PS	1994→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
40.463 DFAK, DFAS, DFK 338kW/460PS		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
40.403 DFS 294kW/400PS	1994→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
40.403 DFS 338kW/460PS														

F2000-Series (41 to):

41.343 VFC, VFK 250kW/340PS	08/95→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
41.403 VFC, VFK 294kW/400PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
41.463 VFC, VFK 338kW/460PS														

F2000-Series (48 to):

48.343 VF, VFA 250kW/340PS	1994→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
48.403 VF, VFA 294kW/400PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
48.463 VF, VFA 338kW/460PS														

F90-Series

19t, 24t, 25t	1990→1996	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28			UAI161	**BCR161A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size		UAI161	
26t, 27t, 33t, 48t	01/89→	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28			UAI161	**BCR161A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size		UAI161	

F90-Series (19 to):

19.242 F, FL, FLL 177kW/241PS	01/88→02/89	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
19.242 FS, FLS, FK 177kW/241PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
19.262 F, FL, FLL 191kW/260PS	01/88→02/90													
19.262 FS, FLS, FK 191kW/260PS														
19.272 F, FL, FLL 198kW/270PS	02/90→05/95													
19.272 FS, FLS, FK 198kW/270PS														
19.292 F, FL, FLL 213kW/290PS	07/86→02/90													
19.292 FS, FLS, FK 213kW/290PS														
19.322 F, FL, FLL 235kW/320PS	02/90→05/95													
19.322 FS, FLS, FK 235kW/320PS														
19.322 U, ULL 235kW/320PS	02/90→05/94													
19.332 F, FL, FLL 243kW/330PS	07/86→02/90													
19.332 FS, FLS, FK 243kW/330PS														
19.332 U, ULL 243kW/330PS														
19.342 F, FL, FLL 250kW/340PS	05/94→05/95													
19.342 FS, FLS, FK 250kW/340PS														
19.362 F, FK, FL, FLL 265kW/360PS	07/86→02/90													
19.362 FS, FLS, U, ULL 265kW/360PS	07/86→01/91													
19.372 F, FL, FLL, U, ULL 272kW/370PS	02/90→05/95													
19.402 F, FL, FLL 294kW/400PS	05/94→05/95													
19.402 FS, FLS, FK 294kW/400PS														
19.422 F, FL, FLL 309kW/420PS	02/90→05/95													
19.422 FS, FLS, FK, U, ULL 309kW/420PS														
19.462 F, FL, FS, FLS, FK 338kW/460PS	05/87→02/90													
19.502 FK 368kW/500PS	08/89→													
19.502 F,FL, FLL 368kW/500PS	02/90→06/96	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt.	93059	UAI205	
19.502 FS,FLS, 368kW/500PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	

F90-Series (19 to): 4x4

19.262 FA, FAK, FAS 191kW/260PS	02/89→02/90	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
19.272 FA, FAK, FAS 198kW/269PS	02/90→05/95	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
19.292 FA, FAK, FAS 213kW/290PS	05/88→02/90													
19.322 FA, FAK, FAS 235kW/320PS	02/90→06/96													
19.332 FA, FAK, FAS 243kW/330PS	05/88→02/90													
19.342 FA, FAK, FAS 250kW/340PS	05/94→06/96													
19.362 FA, FAK, FAS 265kW/360PS	05/88→02/90													
19.372 FA, FAK, FAS 272kW/370PS	02/90→06/96													
19.402 FA, FAK, FAS 294kW/400PS	05/94→06/96													
19.422 FA, FAK, FAS 309kW/420PS	02/90→06/96													

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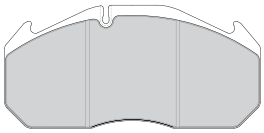
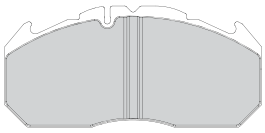
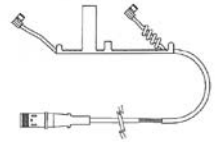
4568 MER D3/D-ELSA 1



29 210 28,00 41 4
4568 MER D3/D-ELSA 1



UAI161 ↔ 385mm
2

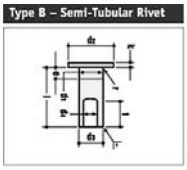


UAI205 ↔ 205mm
2

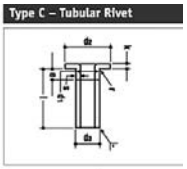
	Ø	A	B	C	D		Kg		ABS
BCR161A	432	45.0	37.0	135	208	10xM16	35.0		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

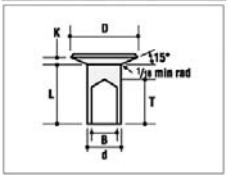
Type B – Semi-Tubular Rivet

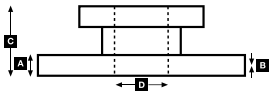


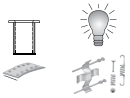
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MAN

F90-Series (23 to):

23.272 FNL 198kW /270PS	09/86→1994	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
23.322 FNL 235kW /320PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
23.372 FNL 272kW /370PS			**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0	Auxiliary axle	93058	UAI202	
23.422 FNL 309kW /420PS														

F90-Series (24 to):

24.242 DF, DFS, DFK 177kW/241PS	01/88→07/89	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
24.262 DF, DFS, DFLS, DFK 190kW/260PS	01/88→02/90	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
24.272 DF, DFS, DFLS, DFK 198kW/269PS	02/90→12/90													
24.292 DF, DFS, DFLS, DFK 213kW/290PS	04/87→02/90													
24.302 DF, DFS, DFLS, DFK 220kW/299PS	05/90→04/95													
24.322 DF, DFS, DFLS, DFK 235kW/320PS	02/90→12/90													
24.332 DF, DFS, DFLS, DFK 243kW/330PS	04/87→02/90													
24.362 DF, DFS, DFLS, DFK 265kW/360PS														
24.372 DF, DFS, DFLS, DFK 272kW/370PS	02/90→04/95													
24.422 DF, DFS, DFLS, DFK 309kW/420PS	02/90→12/90													
24.462 DF, DFS, DFLS, DFK 338kW/460PS	02/89→02/90													
24.242 FNL, FNLL 177kW/241PS	01/88→02/90	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
24.262 FNL, FNLL 191kW/260PS	01/88→06/96	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
24.272 FNL, FNLL 198kW/269PS	02/90→05/95	R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0	Trailing axle	93058	UAI202	
24.272 FNLS, FVLS 198kW/269PS														
24.292 FNL, FNLL 213kW/290PS	10/86→02/90													
24.292 FNLS, FVLS 213kW/290PS														
24.302 FNL, FNLL 220kW/299PS	05/90→10/90													
24.322 FNL, FNLL 235kW/320PS	02/90→05/95													
24.322 FNLS, FLS 235kW/320PS														
24.322 UNL, UNLL 235kW/320PS	02/90→12/90													
24.332 FNL, FNLL 243kW/330PS	10/86→02/90													
24.332 FNLS, FVLS 243kW/330PS														
24.332 UNL, UNLL 243kW/330PS														
24.342 FNL, FNLL 250kW/340PS	05/94→05/95													
24.362 FNL, FNLL 265kW/360PS	10/86→02/90													
24.362 FNLS, FVLS 265kW/360PS														
24.362 UNL, UNLL 265kW/360PS														
24.372 FNL, FNLL 272kW/370PS	02/90→05/95													
24.372 FNLS, FVLS 272kW/370PS														
24.372 FVL, FVLS 249kW/339PS	05/90→12/90													
24.372 UNL, UNLL 272kW/370PS	02/90→12/90													
24.402 FNL, FNLL 294kW/400PS	05/94→05/95													
24.422 FNL, FNLL 309kW/420PS	02/90→05/95													
24.422 UNL, UNLL 309kW/420PS	02/90→12/90													
24.462 FNL 338kW/460PS	04/89→02/90													
24.462 FVLS 338kW/460PS	05/87→07/87													
24.502 DF, DFS, DFK 368kW/500PS	02/90→12/90	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt.	93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
24.502 FNL 368kW/500PS	02/90→12/90	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt.	93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
			17 238 17,00 00 8	8	17 238	MP/30/2	410	175	143	►17,0	Auxiliary axle	93058	UAI202	

F90-Series (25 to):

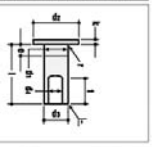
25.272 DF, DFS, DFLS, DFK 198kW/270PS	09/90→12/92	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
25.302 DF, DFS, DFLS, DFK 220kW/299PS	09/90→12/91	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
25.322 DF, DFS, DFLS, DFK 235kW/320PS	09/90→12/92													
25.322 UNL, UNLL 235kW/320PS														
25.372 DF, DFS, DFLS, DFK 272kW/370PS														
25.372 UNL, UNLL 272kW/370PS														
25.422 DF, DFS, DFLS, DFK 309kW/420PS														
25.422 UNL, UNLL 309kW/420PS														
25.272 FNL, FNLL 198kW/270PS	09/90→10/93	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
25.302 FNL, FNLL 220kW/299PS	09/90→12/91	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
25.302 FNLS, FVLS 220kW/299PS			**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0	Trailing axle	93058	UAI202	
25.322 FNL, FNLL 235kW/320PS	09/90→12/92													
25.322 FNLS, FVLS 235kW/320PS														

UAI202 ↔ 195mm
4

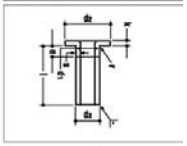
UAI205 ↔ 205mm
2

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

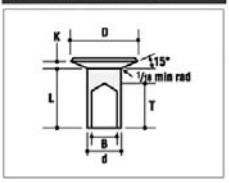
Type B – Semi-Tubular Rivet

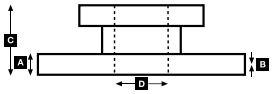


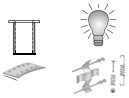
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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...F90-Series (25 to):

25.372 FNLS, FVLS 272kW/370PS 25.372 FVLS, FNL, FNLL 272kW/370PS 25.422 FNL, FNLL 309kW/420PS 25.422 FNLS, FVLS 309kW/420PS 25.502 FNL 368kW/500PS	09/90→10/93 09/90→12/92													
25.502 DF, DFS 368kW/500PS	09/90→12/92	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt.	93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	

F90-Series (26 to):

26.242 DF, DFS, DFK 177kW/241PS	01/88→07/89	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
26.242 DFAK 177kW/241PS	02/89→07/89	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
26.262 DF, DFS, DFK 191kW/260PS	01/88→02/90													
26.262 DFA, DFAS, DFAK 191kW/260PS	02/89→02/90													
26.272 DF, DFS, DFLS, DFK 198kW/269PS	02/90→06/96													
26.272 DFA, DFAS, DFAK 198kW/269PS	02/90→12/92													
26.292 DF, DFS, DFK 213kW/290PS	09/87→02/90													
26.292 DFA, DFAS, DFAK 213kW/290PS	05/88→02/90													
26.302 DF, DFS, DFK 220kW/299PS	05/90→12/91													
26.302 DFA, DFAS, DFAK 220kW/299PS														
26.322 DF, DFS, DFLS, DFK 235kW/320PS	02/90→06/96													
26.322 DFA, DFAS, DFAK 235kW/320PS	02/90→12/92													
26.322 UNL, 26.322 UNLL 235kW/320PS	09/90→05/94													
26.332 DF, DFS, DFK 243kW/330PS	09/87→02/90													
26.332 DFA, DFAS, DFAK 243kW/330PS	05/88→02/90													
26.342 DF, DFL, DFS, DFK, DFLK 250kW/340PS	04/94→06/96													
26.362 DFA, DFAS, DFAK	05/88→02/90													
26.362 DF, DFL, DFS, DFK	02/87→02/90													
26.372 DF, DFS, DFK 272kW/370PS	01/89→1994													
26.372 DFA, DFAK, DFAS 272kW/370PS														
26.402 DF, DFL, DFS, DFK, DFLK	05/94→06/96													
26.422 DF, DFS, DFK, DFL 390kW/420PS	01/89→1994													
26.422 DFA, DFAK, DFAS 390kW/420PS														
26.462 DF, DFS	02/89→02/90													
26.462 DFA, DFAS	08/89→02/90													
26.502 DFA, DFAS 368kW/500PS	01/89→12/92													
26.272 FNL, FNLL, FNLS, FVLS 198kW/270PS	09/90→12/95	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
26.302 FNL, FNLL, FNLS, FVLS 220kW/299PS	09/90→12/91	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
26.322 FNL, FNLL, FNLS, FVLS 235kW/320PS	09/90→12/95	R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0	Trailing axle	93058	UAI202	
26.372 DFN, FVL, FVLS, FNL, FN 26.422 DFN, FVL, FVLS, FNL, FN 390kW/420PS	01/89→1994													
26.502 DF, DFS, DFLS 368kW/500PS	01/89→06/96	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0	Opt.	93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
26.502 FNL, FNLL 368kW/500PS	01/89→06/96	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt.	93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
			17 238 17,00 00 8	8	17 238	MP/30/2	410	175	143	►17,0	Trailing axle	93058	UAI202	

F90-Series (27 to):

27.272 198kW /270PS	01/89→1994	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
27.322 235kW /320PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
27.372 272kW /370PS 27.422 309kW /420PS 27.502 DFA, DFAS 368kW/500PS	01/89→													
27.502 DF, DFS 368kW/500PS	01/89→	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0	Opt.	93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	

F90-Series (30 to):

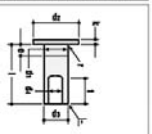
30.292 215kW /292PS	1988→1994	F1	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
		F2	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
		R1	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
			19 496 17,00 00 8	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	
		R2	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
			19 496 17,00 00 8	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	

UAI202 ↔ 195mm
4

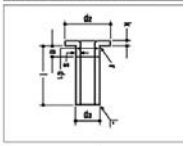
UAI205 ↔ 205mm
2

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

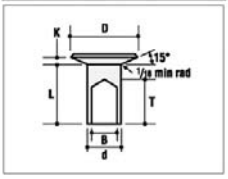
Type B – Semi-Tubular Rivet

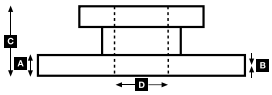


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





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...F90-Series (30 to):

30.332 VFNL (8x2) 244kW/332PS	1988→1994	F1	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
		F2	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
		R1	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
		R2	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	

F90-Series (32 to):

32.242 178kW/292PS	1988→1994	F1	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
32.262 191kW/260PS	1989→1994	F2	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
32.272 VF, VFK	01/89→1994	R1	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
32.292 VFNL (8x2) 215kW/292PS	1988→1994	R2	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
32.302	05/90→09/91													
32.322 VF, VFK	01/89→1994													
32.332 VFNL (8x2) 244kW/332PS	1988→1994													
32.362 VFNL (8x2) 266kW/362PS														
32.372 VF, VFK	01/89→1994													
32.402	05/94→06/96													
32.422 VF, VFK	01/89→1994													
32.462	05/94→06/96													

F90-Series (33 to):

33.242 DFK 178kW /242PS	09/87→1994	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
33.262 DF, DFK, DFS 193kW/260PS	01/89→1994	R1	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
33.272 DF, DFK, DFS 198kW/270PS		R2	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
33.292 DF, DFK, DFS 215kW/290PS														
33.322 DF, DFK, DFS 235kW/320PS														
33.332 DF, DFK, DFS 244kW/330PS														
33.342 DF	05/94→06/96													
33.362 DF, DFK, DFS 266kW/360PS	01/89→1994													
33.372 DF, DFK, DFS 272kW/370PS														
33.402 DF, DFK, DFS	05/94→06/96													
33.422 DF, DFK, DFS 309kW/420PS	01/89→1994													
33.462 DF, DFS 340kW/460PS														
33.242 DFAK	01/88→08/88	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
33.262 DFA, DFAK, DFAS 193kW/260PS	01/89→1994	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
33.272 DFA, DFAK, DFAS 198kW/270PS														
33.292 DFA, DFAK, DFAS 215kW/290PS														
33.322 DFA, DFAK, DFAS 235kW/320PS														
33.332 DFA, DFAK, DFAS 244kW/330PS														
33.342 DFA	05/94→06/96													
33.362 DFA, DFAK, DFAS 266kW/360PS	01/89→1994													
33.372 DFA, DFAK, DFAS 272kW/370PS														
33.402 DFA	05/94→06/96													
33.422 DFA, DFAK, DFAS 309kW/420PS	01/89→1994													
33.462 DFA, DFAS 340kW/460PS														
33.502 DFA, DFAS 368kW/500PS	01/89→													
33.502 DF, DFS 368kW/500PS	01/89→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt.	93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
			17 238 17,00 00 8	8	17 238	MP/30/2	410	175	143	►17,0	Trailing axle	93058	UAI202	

F90-Series (35 to):

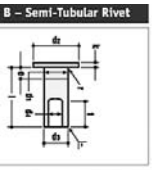
35.262 VF 193kW /260PS	01/89→1994	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
35.272 VF, VFK 198kW /270PS			**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt.	93059	UAI205	
35.292 VF 215kW /290PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
35.302 VF, VFK	09/91→05/98													
35.322 VF, VFK 235kW /320PS	01/89→1994													
35.332 VF 244kW /330PS														
35.342 VF, VFK	05/94→06/96													
35.362 VF 266kW /360PS	01/89→1994													
35.372 VF, VFK 272kW /370PS														
35.402 VF, VFK	05/94→12/97													
35.422 VF, VFK 309kW /420PS	01/89→1994													

UAI202 ↔ 195mm
4

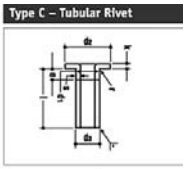
UAI205 ↔ 205mm
2

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

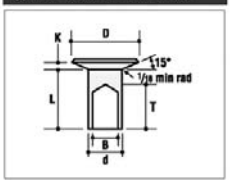
Type B – Semi-Tubular Rivet



Type C – Tubular Rivet



Type A – Semi Tubular Rivets



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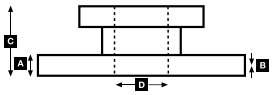
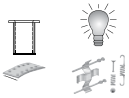




...MAN

...F90-Series (35 to):

35.262 VFAK 193kW /260PS	01/89→1994	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	▶17,0		93059	UAI205	
35.272 VFAK 198kW /270PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
35.292 VFAK 215kW /290PS														
35.302 VFA, VFAK	09/91→05/98													
35.322 VFA, VFAK 235kW/320PS	01/89→1994													
35.332 VFAK 244kW /330PS														
35.362 VFAK 266kW /360PS														
35.372 VFA, VFAK 272kW/370PS														
35.422 VFA, VFAK 309kW/420PS														

F90-Series (40 to):

40.242 178kW /242PS	1987→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
40.262 193kW /262PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
40.292 215kW /292PS														
40.332 244kW /332PS														
40.362 266kW /362PS														
40.372 DFS, DFK 272kW/370PS	01/89→1994													
40.402 DF	05/95→06/96													
40.422 DFS, DFK 309kW/420PS	01/89→1994													
40.462 DF	07/89→02/90													
40.372 DFAK, DFAS 272kW/370PS	01/89→1994	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	▶17,0		93059	UAI205	
40.422 DFAK, DFAS 309kW/420PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
40.462 DFAK, DFAS 340kW/460PS														
40.502 6x6 368kW /500PS	01/89→06/96	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	▶17,0		93059	UAI205	
		R1	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
			19 496 17,00 00 8	8	19 496	MP/36/2	410	177	223	▶17,0	Opt.	93059	UAI205	
		R2	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
40.502 8x8 368kW /500PS	01/89→06/96	F1	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	▶17,0		93059	UAI205	
		F2	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	▶17,0		93059	UAI205	
		R1	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
			19 496 17,00 00 8	8	19 496	MP/36/2	410	177	223	▶17,0	Opt.	93059	UAI205	
		R2	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	

F90-Series (41 to):

41.262 VF, VFK 193kW /260PS	01/89→1994	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	▶17,0		93059	UAI205	
41.272 VF	02/90→12/91	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0	Opt.	93059	UAI205	
41.292 VF, VFK 215kW /290PS	01/89→1994	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
41.322 VF, VFK 235kW /320PS														
41.332 VF, VFK 244kW /330PS														
41.342 VF	05/94→06/96													
41.362 VF, VFK 266kW /360PS	01/89→1994													
41.372 VF, VFK 272kW /370PS														
41.402 VF	05/94→06/96													
41.422 VF, VFK 309kW /420PS	01/89→1994													
41.262 VFAK 193kW /260PS	01/89→1994	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	▶17,0		93059	UAI205	
41.292 VFAK 215kW /290PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
41.322 VFAK 235kW /320PS														
41.332 VFAK 244kW /330PS														
41.362 VFAK 266kW /360PS														
41.372 VFAK 272kW /370PS														
41.422 VFAK 309kW /420PS														

F90-Series (48 to):

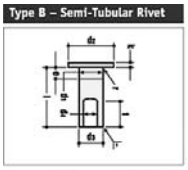
48.292 VF	07/89→02/90	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
48.322 VF 235kW /320PS	01/89→1994	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
48.332 VF	07/89→02/90													
48.362 VF														
48.372 VF 272kW /370PS	01/89→1994													
48.422 VF 309kW /420PS														
48.462 VF	07/89→02/90													

UAI205 ↔ 205mm

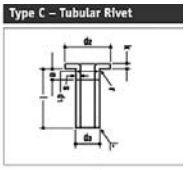
2

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

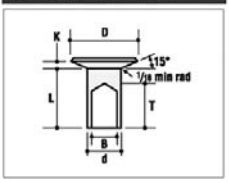
Type B – Semi-Tubular Rivet

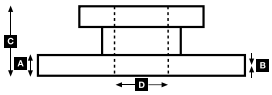


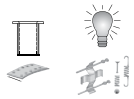
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MAN

...F90-Series (48 to):

48.292 VFA, VFAK 215kW/290PS 48.322 VFA, VFAK 235kW/320PS 48.332 VFA, VFAK 244kW/330PS 48.362 VFA, VFAK 266kW/360PS 48.372 VFA, VFAK 272kW/370PS 48.422 VFA, VFAK 309kW/420PS 48.462 VFA, VFAK 340kW/460PS 48.502 VFA, VFAK 398kW/500PS	01/89→1994 01/89→	F R	**19 713 17,00 00 8** **19 496 17,00 00 8**	8 8	19 713 19 496	MP/31/3 MP/36/2	410 410	175 177	163 223	►17,0 ►17,0		93059 93059	UAI205 UAI205	
48.502 VR 398kW/500PS	01/89→1997	F R	**19 495 17,00 00 8** **19 496 17,00 00 8**	8 8	19 495 19 496	MP/32/2 MP/36/2	410 410	177 177	183 223	►17,0 ►17,0	Opt.	93059 93059	UAI205 UAI205	

G-Series (MAN/VW):

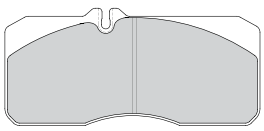
6.90 F, FK 66kW /90PS	1978→1988	F	**15 879 16,50 60 8**	8	15 879	GG/209/1	325	140	97	►16,5	87-88 Lucas	93058		
		F	**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	►16,2	87-88 ROR Trailer Axle Lucas	93058		
			15 817 12,10 60 3	2	15 817	MP/37/1	325	301	97	12,1	Perrot	93060		
				2	15 823	MP/38/1	325	251	97	12,1		93060		
		F	**17 900 12,10 60 3**	2	17 900	MP/39/1	325	301	147	12,1	ROR Trailer Axle Perrot	93057		
				2	17 901	MP/40/1	325	251	147	12,1		93057		
		R	**15 879 16,50 60 8**	8	15 879	GG/209/1	325	140	97	►16,5	87-88 Lucas	93058		
			17 988 16,20 60 8	8	17 988	GG/210/1	325	140	150	►16,2	87-88 ROR Trailer Axle Lucas	93058		
			15 817 12,10 60 3	2	15 817	MP/37/1	325	301	97	12,1	Perrot	93060		
				2	15 823	MP/38/1	325	251	97	12,1		93060		
		R	**17 900 12,10 60 3**	2	17 900	MP/39/1	325	301	147	12,1	ROR Trailer Axle Perrot	93057		
				2	17 901	MP/40/1	325	251	147	12,1		93057		
6.100 74kW /100PS 8.100 74kW /100PS 8.150 110kW /150PS 9.150 110kW /150PS 10.150 110kW /150PS	1987→1993	F	**15 879 16,50 60 8**	8	15 879	GG/209/1	325	140	97	►16,5	→8,5 to Lucas	93058		
			17 988 16,20 60 8	8	17 988	GG/210/1	325	140	150	►16,2	8,5→ to Lucas	93058		
			15 817 12,10 60 3	2	15 817	MP/37/1	325	301	97	12,1	→8,5 to Perrot	93060		
				2	15 823	MP/38/1	325	251	97	12,1		93060		
		F	**17 900 12,10 60 3**	2	17 900	MP/39/1	325	301	147	12,1	8,5→ to Perrot	93057		
				2	17 901	MP/40/1	325	251	147	12,1		93057		
		R	**15 879 16,50 60 8**	8	15 879	GG/209/1	325	140	97	►16,5	→8,5 to Lucas	93058		
			17 988 16,20 60 8	8	17 988	GG/210/1	325	140	150	►16,2	8,5→ to Lucas	93058		
			15 817 12,10 60 3	2	15 817	MP/37/1	325	301	97	12,1	→8,5 to Perrot	93060		
				2	15 823	MP/38/1	325	251	97	12,1		93060		
		R	**17 900 12,10 60 3**	2	17 900	MP/39/1	325	301	147	12,1	8,5→ to Perrot	93057		
				2	17 901	MP/40/1	325	251	147	12,1		93057		
8.90 66kW /90PS 8.136 100kW /136PS 8.170 125kW /170PS	1978→1988 05/82→1988	F	**17 988 16,20 60 8** **17 900 12,10 60 3**	8 2	17 988 17 900	GG/210/1 MP/39/1	325 325	140 301	150 147	►16,2 12,1	87-88 Lucas Perrot	93058 93057		
				2	17 901	MP/40/1	325	251	147	12,1		93057		
9.136 100kW /136PS	08/78→1988	R	**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	►16,2	87-88 Lucas	93058		
9.170 125kW /170PS 10.136 100kW /136PS	05/82→1988 02/86→1988	F	**17 900 12,10 60 3**	2 2	17 900 17 901	MP/39/1 MP/40/1	325 325	301 251	147 147	12,1 12,1	Perrot	93057 93057		
8.136 FAE for Wedge brake 100kW/136PS	12/83→08/88	F	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		
9.136 FAE for Wedge brake 100kW/136PS		R	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		

L2000- Series

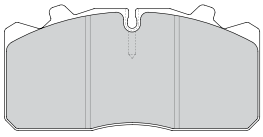
6.103, 6.153, 8.103, 8.113, 8.150,8.153, 8.163, 8.220, 8.223, 8.224, 9.153, 9.163, 9.223, 9.224, 10.150, 10.153, 10.163, 10.220, 10.224 114kW	09/93→12/95 01/96→ 01/96→	F F R	**29 055 22,00 40 4** **29 088 26,00 40 4** **29 088 26,00 40 4**	4 4 4	29 055 29 088 29 088	FCV987 FCV4283 FCV4283	324 330 330 330	176 176 176	83 83 83	22 26 26	 UAC173 (SPRINGS) / UAC169(FORKS) ABS UAC173 (SPRINGS) / UAC169(FORKS) ABS	 	 UAI150/UAC173 UAI150/UAC173 	**BCR143A** **BCR146A** **BCR148A** **BCR146A** **BCR148A**
8.103 LC/LLC, 8.153 LLS, 8.223 LC/LLC/LLS, 9.153 LC/LLC/LLS, 9.223 LC/LLC/LLS, 10.150 FOC, 10.153 LC/LLC/LLS, 10.223 LAEC/LC/LLC/ LLS 81-162kW	10/93→12/95	F	**29 055 22,00 40 4**	4	29 055	FCV987	324	176	83	22				**BCR143A**

BERAL®

29 055 22,00 40 4
4551 WAB 1000 V-G

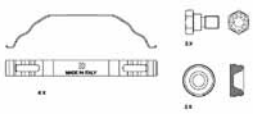


29 088 26,00 40 4
4568 WAB PAN 17

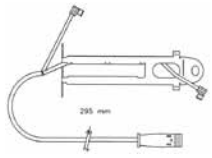


UAC169 ↔

UAC173 ↔



UAI150 ↔ 295mm
2

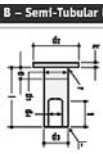


UAI205 ↔ 205mm
2

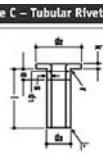
		∅	A	B	C	D		Kg		ABS
BCR143A		324	30.0	24.0	102	135	10xM14	13.5		
BCR146A		330	34.0	30.0	104	135	10xM14	16.4		
BCR148A		330	34.0	31.0	124	157	12xM12	17.1		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

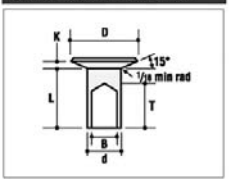
Type B – Semi-Tubular Rivet

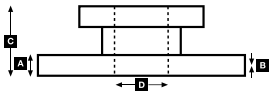


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...MAN

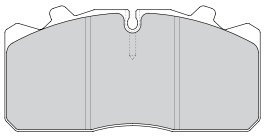
L2000 Series:

8.150 FOC, FOCL	02/95→	R	**15 879 16,50 60 8**	8	15 879	GG/209/1	325	140	97	▶16,5		93058		
8.153 LC, LLC 114kW/155PS	10/93→07/97	R	**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	▶16,2	Opt.	93058		
8.163 LLS	05/94→													
8.220 FOC, FOCL 162kW/220PS	04/95→													
8.224 LC, LLC, LLS 162kW/220PS	05/94→													
9.163 LC 104kW /141PS	08/95→03/97													
9.163 LC, LLC, LLS	05/94→													
9.224 LC, LLC, LLS 162kW/220PS														
10.163 LC, LLC, LLS														
10.220 FOC, FOCL 162kW/220PS	02/95→													
10.224 LC, LLC, LLS 162kW/220PS	05/94→													
6.103 FK 75kW /102PS	09/93→	F	**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	▶16,2		93058		
8.113 LK 81kW /110PS	08/95→	R	**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	▶16,2		93058		
8.163 LAEC	01/95→													
8.163 LK	05/94→													
8.224 LAEC 162kW /220PS	01/95→													
8.224 LAEK 162kW /220PS														
8.224 LK 162kW /220PS	05/94→													
9.163 LK														
9.224 LK 162kW /220PS														
10.163 LAEC														
10.163 LAEK	01/95→													
10.163 LK	05/94→													
10.224 LAEC 162kW /220PS	01/95→													
10.224 LAEK 162kW /220PS														
10.224 LK 162kW /220PS	05/94→													
6.153 F, FL 114kW/155PS	09/93→	R	**15 879 16,50 60 8**	8	15 879	GG/209/1	325	140	97	▶16,5		93058		
		R	**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	▶16,2	Opt.	93058		
8.153 LLS 114kW /155PS	10/93→06/96	R	**15 879 16,50 60 8**	8	15 879	GG/209/1	325	140	97	▶16,5		93058		
8.223 LC, LLC, LLS			**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	▶16,2	Opt.	93058		
9.153 LC, LLC 114kW /155PS														
9.153 LLS 114kW /155PS	10/93→12/95													
9.223 LC, LLC, LLS 162kW/220PS	10/93→06/96													
10.150 FOC	02/95→01/96													
10.153 LC, LLC, LLS 114kW/155PS	10/93→06/96													
10.223 LAEC 162kW /220PS	01/95→06/96													
10.223 LC, LLC	10/93→06/96													
10.223 LLS														
8.103 LK 75kW /102PS	10/93→06/96	F	**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	▶16,2		93058		
8.153 LAEC 114kW /155PS	01/95→06/96	R	**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	▶16,2		93058		
8.153 LAEK 114kW /155PS	01/95→09/96													
8.223 LAEC 162kW /220PS	01/95→06/96													
8.223 LK	10/93→06/96													
9.153 LK 114kW /155PS														
9.223 LK 162kW /220PS														
10.153 LAEK 114kW /155PS														
10.153 LK 114kW /155PS														
10.223 LK														

L2000-Series (LE Evolution)

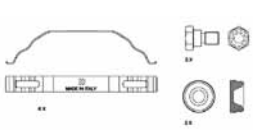
LE110C 8.113, LE140C 8.145, 9.145,0.145,	09/00→	F	**29 088 26,00 40 4**	4	29 088	FCV4283	330	176	83	26	UAC173 (SPRINGS /		UAI150/UAC173	**BCR146A**
LE160C 8.163, 9.163, 10.163, LE180C 8.180,											UAC169(FORKS)			
8.185, 9.185, 10.180 10.185, 12.180, 12.185,							330				ABS			**BCR148A**
LE220C 8.225, 0.220, 10.225, 12.220,		R	**29 088 26,00 40 4**	4	29 088	FCV4283	330	176	83	26	UAC173 (SPRINGS) /		UAI150/UAC173	**BCR146A**
12.225 114kW											UAC169(FORKS)			
							330				ABS			**BCR148A**

29 088 26,00 40 4
4568 WAB PAN 17

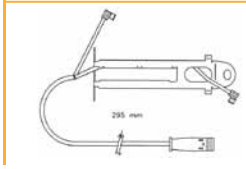


UAC169 ↔

UAC173 ↔



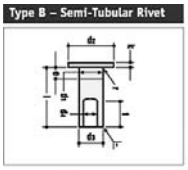
UAI150 ↔ 295mm
2



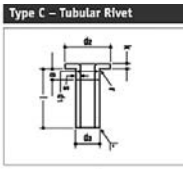
		∅	A	B	C	D		Kg		ABS
BCR146A		330	34.0	30.0	104	135	10xM14	16.4		
BCR148A		330	34.0	31.0	124	157	12xM12	17.1		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

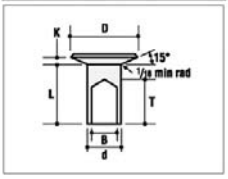
Type B – Semi-Tubular Rivet

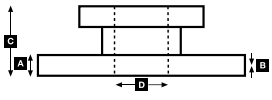


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





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M2000-L Series

12.163 LC, 12.224 LC 114-162kW	08/95→	F	**29 088 26,00 40 4**	4	29 088	FCV4283	330	176	83	26	UAC173 (SPRINGS) / UAC169(FORKS)		UAI150/UAC173	**BCR146A**
		R	**29 088 26,00 40 4**	4	29 088	FCV4283	330	176	83	26	UAC173 (SPRINGS) / UAC169(FORKS)		UAI150/UAC173	**BCR146A**
14.163 LC/LLC, 14.224 LC/LLC/LL, 4.264 LC/LLC/LL, 14.284 LC/LLC/LL 114-206kW	08/95→	F	**29 197 30,00 41 4**	4	29 197	FCV1792BFE	377	211	93	30			UAI132	**BCR147A**
15.163 LC/LLC, 15.224 LC/LLC/LL,	08/95→	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28			UAI161	**BCR215A**
15.264 LC/LLC/LL, 15.284 LC/LLC/LL,			**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30	over size		UAI161	
18.224 LC/LLC/LL, 18.264 LC/LLC/LL,			**29 156 30,00 41 4**	4	29 156	FCV1404BFE	432	250	118	30	04/02→ D-Elsa2		UAI164	**BCR215A**
18.284 LC/LLC/LL 114-206kW							432				ABS			**BCR161A**

M2000-M Series

14.224/14.264/14.284 - MC/MLC/ML/MLS 162kW	08/95→	F	**29 197 30,00 41 4**	4	29 197	FCV1792BFE	377	211	93	30			UAI132	**BCR147A**
18.224 MC/MLC/ML/MLS,	08/95→	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28			UAI161	**BCR215A**
18.264 MC/MLC/ML/MLS, 18.284 MC/MLC/MLS,	08/95→	F	**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30	over size		UAI161	
25.224 MNLC/MNLLC,	08/95→	F	**29 156 30,00 41 4**	4	29 156	FCV1404BFE	432	250	118	30	04/02→ D-Elsa2		UAI164	**BCR215A**
25.264 MNLC/MNLL 162-206kW							432				ABS			**BCR161A**
114-206kW														

M2000-Series (ME Evolution)

ME220B 14.225, 15.225 114-206kW	09/00→	F	**29 197 30,00 41 4**	4	29 197	FCV1792BFE	377	211	93	30			UAI132	**BCR147A**
ME250B 14.255, 15.255, 18.255, ME280B 14.285,	09/00→	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28	→03/02		UAI161	**BCR215A**
15.285, 18.285, 18.286 114-206kW	09/00→	F	**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30	over size		UAI161	
	09/00→	F	**29 156 30,00 41 4**	4	29 156	FCV1404BFE	432	250	118	30	04/02→ D-Elsa2		UAI164	**BCR215A**
							432				ABS			**BCR161A**

M2000-Series:

14.163 LK 114kW/155PS	08/95→	F	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		
14.224 LK, LAK, MK, MAK, LAC 162kW/220PS		R	**19 177 16,00 60 8**	8	19 177	GG/218/1	360	173	160	►16,0		93058		
14.264 LAC, LK, LAK 191kW/260PS														
14.284 MAK,MA-KO,MA-LF,L-KO	06/98→													
14.284 LAC, LK, LAK, LR-LF														
14.224 LC, LLC, LL 162kW/220PS	08/95→	R	**19 177 16,00 60 8**	8	19 177	GG/218/1	360	173	160	►16,0		93058		
14.264 LC, LLC, LL 191kW/260PS			**19 708 16,25 00 5**	6	19 708	GG/232/1	360	174	183	►16,25	Opt.	93058		
				2	19 867	GG/232/2	360	174	183	►16,25	with w.i.hole	93058		
14.264 MC, MLC, ML 191kW/260PS	08/95→													
14.264 MLS 191kW /260PS														
14.284 LC, LLC, LL	10/98→													
14.284 MC, MLC, ML	06/98→													
14.284 MLS														
14.224 MC, MLC, ML, MLS 162kw/220PS	08/95→	R	**19 177 16,00 60 8**	8	19 177	GG/218/1	360	173	160	►16,0		93058		
15.284 LC, LLC, LL	06/98→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
18.224 LC, LLC, LL 162kW/220PS	08/95→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	
18.224 MC, MLC, ML, MLS 162kW/220PS														
18.264 LC, LLC, LL 191kW/260PS														
18.264 MC, MLC, ML, MLS 191kW/260PS														
18.284 LC, LLC, LL	06/98→													
18.284 MC, MLC, MLS														
25.224 MNLC, MNLLC 191kW/260PS	08/95→													
25.264 MNLC, MNLL 162kW/220PS														
15.163 LK 114kW/155PS	08/95→	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
15.224 LK 162kW/220PS		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
15.264 LK 191kW/260PS														
15.284 LK	06/98→													
18.224 LK, LLK, LAC, LAK 162kW/220PS	08/95→													
18.224 MK, MLK, MAC, MAK 162kW/220PS														
18.264 LK, LLK, LAK 191kW/260PS														
18.264 MK, MLK, MAC, MAK 191kW/260PS														
18.284 LK, LLK, LAC, LAK	06/98→													
18.284 MK, MLK, MAC, MAK														

BERAL®

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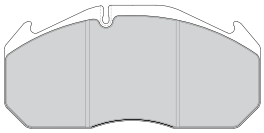
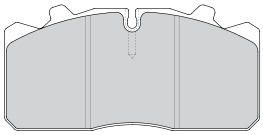
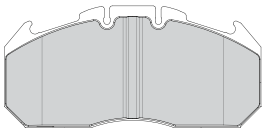
29 053 30,00 41 4
4568 MER D3/D-ELSA 1



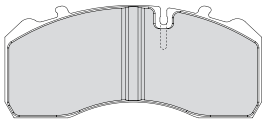
29 088 26,00 40 4
4568 WAB PAN 17



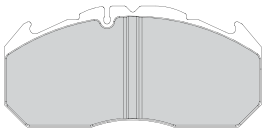
29 156 30,00 41 4
4568 MER D-ELSA 2



29 197 30,00 41 4
4568 KNR SB/SN6

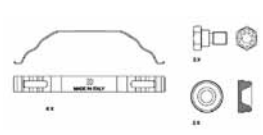


29 210 28,00 41 4
4568 MER D3/D-ELSA 1

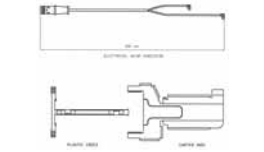


UAC169 ↔
2

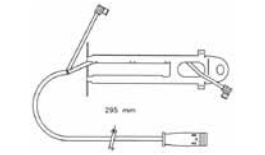
UAC173 ↔
2



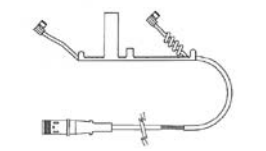
UAI132 ↔ 400mm
2



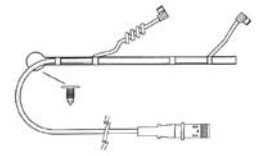
UAI150 ↔ 295mm
2



UAI161 ↔ 385mm
2



UAI164 ↔ 290mm
2

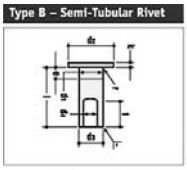


UAI205 ↔ 205mm
2

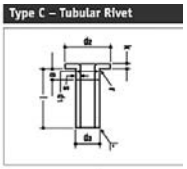
		∅	A	B	C	D		Kg		ABS
BCR146A		330	34.0	30.0	104	135	10xM14	16.4		
BCR147A		377	45.0	38.0	128	162	10xM14	23.0		
BCR161A		432	45.0	37.0	135	208	10xM16	35.0		✓
BCR215A		432	45.0	40.0	135	208	10xM16	37.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

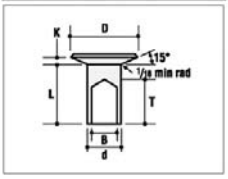
Type B – Semi-Tubular Rivet

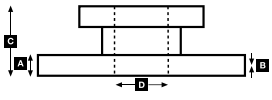


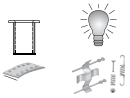
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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M90-Series (12 to):

12.152	12/88→05/94	F	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		
12.192 140kW /190PS	07/90→06/96	F	**19 708 16,25 00 5**	6	19 708	GG/232/1	360	174	183	►16,25	1995- Opt	93058		
				2	19 867	GG/232/2	360	174	183	►16,25	with w.i.hole	93058		
12.222 162kW /220PS	05/94→06/96	R	**19 177 16,00 60 8**	8	19 177	GG/218/1	360	173	160	►16,0		93058		
12.232 169kW /230PS	08/88→06/96	R	**19 708 16,25 00 5**	6	19 708	GG/232/1	360	174	183	►16,25	1995- Opt	93058		
				2	19 867	GG/232/2	360	174	183	►16,25	with w.i.hole	93058		
12.262 191kW /260PS	08/95→06/96													
12.272 198kW /269PS	09/91→06/96													

M90-Series (14 to):

14.152	12/88→06/96	F	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		
14.162 118kW /160PS	08/95→06/96	F	**19 708 16,25 00 5**	6	19 708	GG/232/1	360	174	183	►16,25	1995- Opt	93058		
14.192				2	19 867	GG/232/2	360	174	183	►16,25	with w.i.hole	93058		
14.222 162kW /220PS	08/88→06/96	R	**19 177 16,00 60 8**	8	19 177	GG/218/1	360	173	160	►16,0		93058		
	05/94→06/96	R	**19 708 16,25 00 5**	6	19 708	GG/232/1	360	174	183	►16,25	1995- Opt	93058		
				2	19 867	GG/232/2	360	174	183	►16,25	with w.i.hole	93058		
14.232 198kW /270PS	08/88→06/96													
14.262 191kW /260PS	08/95→06/96													
14.272 198kW /269PS	09/91→06/96													

M90-Series (17 to):

17.192	08/88→06/96	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
17.222 162kW /220PS	05/94→06/96	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
17.232	08/88→06/96													
17.272 198kW /269PS	09/91→05/95													
17.322	1990→06/96													
17.332														
17.373														
17.422														
17.502														

M90-Series (18 to):

18.192 140kW /190PS	09/90→06/96	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
18.222 162kW /220PS	05/94→06/96	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
18.232 169kW /230PS	09/90→06/96													
18.262 191kW /260PS	08/95→06/96													
18.272 198kW /269PS	09/91→06/96													

M90-Series (24 to):

24.192 140kW /190PS	07/89→06/96	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
24.222 162kW /220PS	05/94→06/96	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI205	
24.232	07/89→06/96	R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0	Trailing axle	93058	UAI202	
24.272 198kW /269PS	09/91→06/96													

TGA Series:

(18t) 18.310→18.530,(24t) 24.360→24.530,	04/00→	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28	→03/01		UAI162	**BCR215A**
(26t) 26.310→26.530, (32t) 32.310→32.480,			**29 156 30,00 41 4**	4	29 156	FCV1404BFE	432	250	118	30	04/01→		UAI164	**BCR215A**
(33t) 33.360, 33.410→33.530, (41t) 41.360,			**29 253 30,00 41 4**	4	29 253	FCV4296PTS	432	248	109	30	07/03→			**BCR214A**
41.530, 41.660 206-485kW		R	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	432	250	118	28	→03/01, No ABS		UAI162	**BCR215A**
							432				ABS			**BCR161A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	432	250	118	30	04/01→, No ABS		UAI164	**BCR215A**
							432				ABS			**BCR161A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	109	30	07/03→			**BCR214A**

TGA Series:

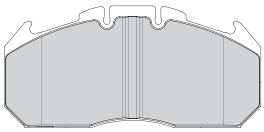
3-axles AWD	04/00→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	3-axles AWD from 2002 onwards	93059	UAI205	
	04/00→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
AWD 6x6 / 8x8 models			**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0	Auxiliary axle	93058	UAI202	

TGL Series

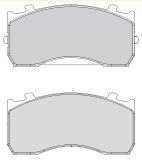
7.150, 7.180, 8.180, 8.210, 8.240, 10.180,	04/05→	F	**29 183 27,00 41 3**	4	29 183	FCV1277BFE		185	84	27/34				**BCR330A**
10.210, 10.240, 12.180, 12.210, 12.240 FC, FK,		R	**29 183 27,00 41 3**	4	29 183	FCV1277BFE		185	84	27/34				**BCR272A**
FRC, FRK, FLC, FLRC 265kW														

MAN

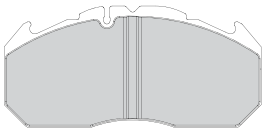
29 156 30,00 41 4
4568 MER D-ELSA 2



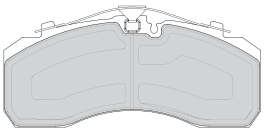
29 183 27,00 41 3
4550 KNR SB/SN5



29 210 28,00 41 4
4568 MER D3/D-ELSA 1

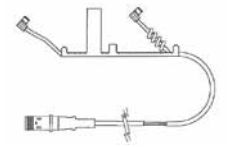


29 253 30,00 41 4
4550 KNR SB/SN7

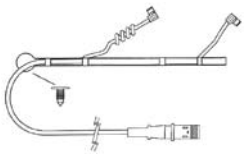


UAI

UAI162 ↔ 400mm
2



UAI164 ↔ 290mm
2



UAI202 ↔ 195mm
4

UAI205 ↔ 205mm
2

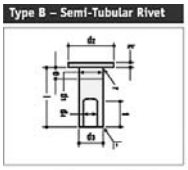
BCR

		∅	A	B	C	D		Kg		ABS
BCR161A		432	45.0	37.0	135	208	10xM16	35.0		✓
BCR214A		432	45.0	40.0	130	131	12x19 3xM12	36.0		
BCR215A		432	45.0	40.0	135	208	10xM16	37.0		
BCR272A		335	34.0	30.0	118	154	2xM8 10xM14x1,5	17.0		
BCR330A		335	34.0	30.0	93	90	10x15 2xM10	17.0		

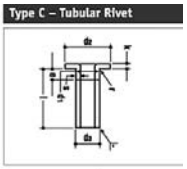
Rivets

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

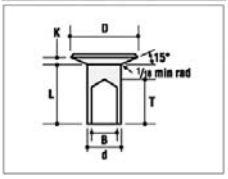
Type B – Semi-Tubular Rivet

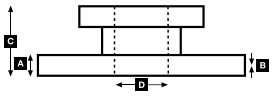


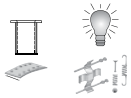
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MAN

TGM Series

12t 176-206kW	10/05→	F	**29 197 30,00 41 4**	4	29 197	FCV1792BFE	377	211	93	30			UAI132	**BCR331A**
		R	**29 197 30,00 41 4**	4	29 197	FCV1792BFE	377	211	93	30			UAI132	**BCR331A**
13-15t 176-206kW	03/06→	F	**29 197 30,00 41 4**	4	29 197	FCV1792BFE	377	211	93	30			UAI132	**BCR147A**
		R	**29 197 30,00 41 4**	4	29 197	FCV1792BFE	377	211	93	30			UAI132	**BCR147A**
18-26t 176-240kW	03/06→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	432	248	109	30				**BCR214A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	432	248	109	30				**BCR215A**

TGS, TGX

TGS, TGX 18-50 tons	10/07→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	109	30				**BCR214A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	109	30				**BCR215A**

Underfloor-Series (U 90):

14.272 U 198kW /269PS	05/89→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
19.322 U, UL 235kW /320PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
19.372 U, UL 272kW /370PS														
19.422 U, UL 309kW /420PS														

Underfloor-Series:

24.332 U, UL	1986→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0		93059	UAI205	
24.362 U, UL		R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	▶17,0	Trailing axle	93058	UAI202	
26.322 UNL 235kW /320PS	05/89→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
26.372 UNL 272kW /370PS														
26.422 UNL 309kW /420PS														

MERCEDES-BENZ

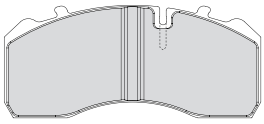
Actros (2-Axle):

1832	04/03→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0	4x4	93059	UAI202	
1836		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0	4x4 and tipper	93059	UAI202	
1840 290kW /394PS	09/96→													
1841	04/03→													
1843 315kW /428PS	09/96→													
1844	04/03→													
1846														
1848 350kW /476PS	09/96→													
1850	04/03→													
1853 390kW /530PS	09/96→													
1854	04/03→													
1857 420kW /571PS	04/97→													
1858	04/03→													
2031 230kW /313PS	04/96→													
2035 260kW /354PS	04/97→													
2040 290kW /394PS	09/96→													
2053 390kW /530PS	04/96→													

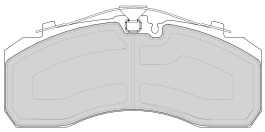
Actros (3-Axle):

2535 260kW /354PS	09/96→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	▶17,0	6x6	93059	UAI202	
2543 315kW /428PS		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0	6x6 and tipper	93059	UAI202	
2548 350kW /476PS														
2553 390kW /530PS														
2557 420kW /571PS														
2631 230kW /313PS	04/97→													
2632	04/03→													
2635 260kW /354PS	04/97→													
2636	04/03→													
2640 290kW /394PS	09/96→													
2641	04/03→													
2643 315kW /428PS	04/97→													
2644	04/03→													
2646														
2648 350kW /476PS	09/96→													
2650	04/03→													
2653 390kW /530PS	09/96→													
2654	04/03→													

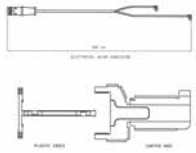
29 197 30,00 41 4
4568 KNR SB/SN6



29 253 30,00 41 4
4550 KNR SB/SN7



UAI132 ↔ 400mm
2



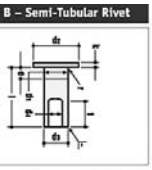
UAI202 ↔ 195mm
4

UAI205 ↔ 205mm
2

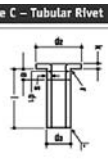
		∅	A	B	C	D		Kg	
BCR147A		377	45.0	38.0	128	162	10xM14	23.0	
BCR214A		432	45.0	40.0	130	131	12x19 3xM12	36.0	
BCR215A		432	45.0	40.0	135	208	10xM16	37.0	
BCR331A		377	45.0	37.0	111	106	12x17	19.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

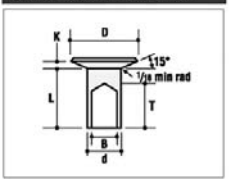
Type B – Semi-Tubular Rivet

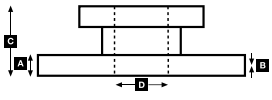


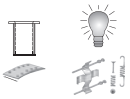
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MERCEDES-BENZ

...Actros (3-Axle):

2657 420kW /571PS 2658 3331 230kW /313PS 3335 260kW /354PS 3340 290kW /394PS 3343 315kW /428PS 3348 350kW /476PS 3353 390kW /530PS 3357 420kW /571PS	04/97→ 04/03→ 04/97→													

Actros (4-Axle):

3235 260kW /354PS 3243 315kW /428PS 4140 290kW /394PS 4143 315kW /428PS 4148 350kW /476PS	04/97→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Tippers	93059	UAI202	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Tippers	93059	UAI202	

Actros I

1831→1848, 1853, 2031→2053, 2531→2557, 2631→2657, 3231→3243, 3331→3357, 4140→4148 230-420kW	04/96→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**

Actros II/III

1832, 1836, 1841, 1844, 1846, 1850, 1854, 1858, 2632, 2636, 2641, 2644, 2646, 2650, 2654, 2658 235-425kW	04/03→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**
	2007→09/10	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR323A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR323A**

Actros 2010

MP III	10/10→	F	**29 246 35,00 41 3**	4	29 247	FCV4417PTS		244.6	113.7	35/30				
		R	**29 244 35,00 41 3**	4	29 244	FCV4418PTS		207.6	113.7	35/30				

Actros 2011

MP IV	10/11→	F	**29 246 35,00 41 3**	4	29 247	FCV4417PTS		244.6	113.7	35/30				
		R	**29 244 35,00 41 3**	4	29 244	FCV4418PTS		207.6	113.7	35/30				

Atego I

712, 715, 812, 815, 817, 823 - models fitted with Knorr SB/SN5... Caliper 90-170kW	01/98→	F	**29 183 27,00 41 3**	4	29 183	FCV1277BFE	335	185	84	27/34				**BCR186A**
		R	**29 183 27,00 41 3**	4	29 183	FCV1277BFE	335	185	84	27/34				**BCR187A**
917, 923, 925, 1017, 1023 - models fitted with Knorr SB/SN5... Caliper 125-170kW	01/98→	F	**29 183 27,00 41 3**	4	29 183	FCV1277BFE	335	185	84	27/34				**BCR186A**
		R	**29 183 27,00 41 3**	4	29 183	FCV1277BFE	335 335	185	84	27/34				**BCR187A** **BCR188A**
1215, 1217, 1223, 1225, 1228, 1317, 1323, 1325, 1328, 1517, 1517, 1523, 1525, 1528 - models fitted with Knorr SB/SN6... Caliper 112-205kW	01/98→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30				**BCR189A**
		R	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211 377	93 211	30 93	 30	 Option		**BCR190A** **BCR260A**

Atego I

917, 923, 925, 1017, 1023	01/98→	F	**17 290 15,40 00 6**	4	17 290	MB/111/2	364	172	130	►15,40	4x4 and tipper	93058		
				4	17 950	MB/112/1	364	131	130	►15,5		93058		
		R	**17 290 15,40 00 6**	4	17 290	MB/111/2	364	172	130	►15,40	4x4 and tipper	93058		
				4	17 950	MB/112/1	364	131	130	►15,5		93058		
1215, 1217, 1223, 1225, 1228 1317, 1323, 1325, 1328 1517, 1523, 1525 AF, 1528	01/98→	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0	4x4	93059	UAI202	
		R	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5	Tipper	93058	UAI202	
				4	19 506	MB/114/2	364	172	160	►15,40		93058	UAI202	
		R	**19 505 15,80 00 6**	4	19 505	MB/120/1	364	173	200	►15,8	4x4	93057	UAI202	
				4	19 112	MB/121/1	364	130	200	►15,8		93057	UAI202	

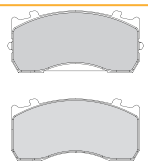
Atego II

1823, 1828, 2523, 2528, 2628 - models fitted with Knorr SB/SN7... Caliper 170-205kW	01/98→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**

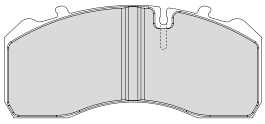
Atego II

		F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	4x4	93059	UAI202	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	4x4 and tipper	93059	UAI202	

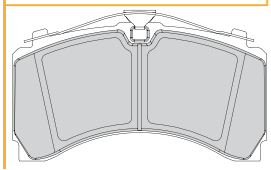
29 183 27,00 41 3
4550 KNR SB/SN5



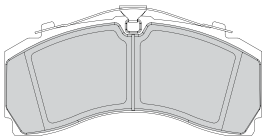
29 197 30,00 41 4
4550 KNR SB/SN6



29 244 35,00 41 3
7221 KNR-BREMSE SL7



29 246 35,00 41 3
7121 KNR-BREMSE SM7



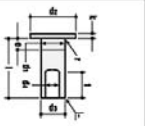
29 253 30,00 41 4
4550 KNR SB/SN7

UAI202 ↔ 195mm
4

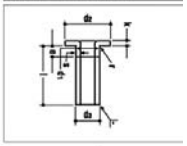
		∅	A	B	C	D		Kg	
BCR145A		430	45.0	37.0	132	211	10xM14	34.2	
BCR186A		335	34.0	31.0	102	91.5	10x14,5	15.0	
BCR187A		335	34.0	31.0	111	131	8xM12	16.0	
BCR188A		335	34.0	28.0	111	152	8xM12	15.2	
BCR189A		377	45.0	37.0	134	105.7	14x14,5	24.0	
BCR190A		377	45.0	37.0	138	176	8xM14	26.4	
BCR260A		377	45.0	37.0	138	169	8xM14	26.4	
BCR323A		430	45.0	37.0	143	149	10x21 + 2xM12	34.9	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

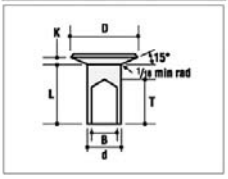
Type B – Semi-Tubular Rivet

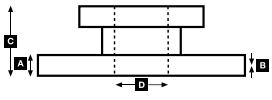


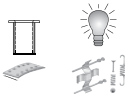
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MERCEDES-BENZ

Axor

1823→1843, 2523→2543, 2623→ 2628, 3228 170-315kW	01/02→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**

Econic

1823 LL, 1828 LL, 2628 LL 170-205kW	03/98→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**

LK/LN2-Series (11 to)

1114 AK 95-100kW	02/87→	F	**19 506 13,40 00 6**	4	19 844	MB/104/1	360	130	160	►13,5		93058	UAI202	
1114 0, LO 95-100kW	12/85→			4	19 506	MB/105/2	360	172	160	►13,4		93058	UAI202	
1114, L, K, S 95-100kW	03/84→	F	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5	10/88→	93058	UAI202	
1117 A 116-125kW	06/87→			4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	
1117 LO 125kW /170PS	03/96→	R	**19 506 13,40 00 6**	4	19 844	MB/104/1	360	130	160	►13,5		93058	UAI202	
1117 0, LO 116-125kW	03/84→			4	19 506	MB/105/2	360	172	160	►13,4		93058	UAI202	
1117 S, LS 116-125kW		R	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5	10/88→	93058	UAI202	
1117, L, K 116-125kW	04/84→			4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	
1117, L, K, S 125kW /170PS	03/96→													
1120 AF 150-155kW	02/87→													
1120 F 150-155kW	02/90→													
1120 L 125kW /170PS	08/84→													
1120 0, LO 150-155kW	02/92→													
1120, L 148-155kW	06/84→													
1124 AF 177kW /241PS	03/92→													
1124 F 155-177kW														
1120 S, LS 148-155kW	08/84→													

LK/LN2-Series (12 to)

1214	1994→	F	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5		93058	UAI202	
1217 KO 125kW /170PS	03/94→			4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	
1220	1994→	R	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5		93058	UAI202	
1224				4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	

LK/LN2-Series (13 to)

1314 AK 95-100kW	06/87→	F	**19 506 13,40 00 6**	4	19 844	MB/104/1	360	130	160	►13,5		93058	UAI202	
1314, K, KO 95-100kW	07/84→			4	19 506	MB/105/2	360	172	160	►13,4		93058	UAI202	
1317 AK 155kW /211PS	08/84→	F	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5	10/88→	93058	UAI202	
1317 K 125kW /170PS	07/84→			4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	
1317 KO 125kW /170PS	03/94→	R	**19 506 13,40 00 6**	4	19 844	MB/104/1	360	130	160	►13,5		93058	UAI202	
1317 S 125kW /170PS	03/96→			4	19 506	MB/105/2	360	172	160	►13,4		93058	UAI202	
1317, L, K 125kW /170PS		R	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5	10/88→	93058	UAI202	
1317, L, S, LS 116-125kW	08/84→			4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	
1320, L 125kW /170PS	10/84→													
1320, L, S, LS 148-155kW														
1324 L 150kW /204PS	01/91→													
1324, L, S, LS 170-177kW														

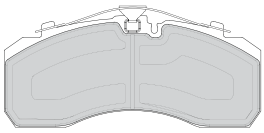
LK/LN2-Series (15/16 to)

1514, K, L 95-100kW	01/89→	F	**19 505 15,80 00 6**	4	19 505	MB/120/1	364	173	200	►15,8		93057	UAI202	
1517 K 116-125kW				4	19 112	MB/121/1	364	130	200	►15,8		93057	UAI202	
1517, L 116-125kW	10/88→	R	**19 505 15,80 00 6**	4	19 505	MB/120/1	364	173	200	►15,8		93057	UAI202	
1517, L, K 125kW /170PS	03/96→			4	19 112	MB/121/1	364	130	200	►15,8		93057	UAI202	
1520, L 150-155kW	01/89→													
1524, L 170-177kW	02/91→													
1614	1991→													
1617														

LK/LN2-Series (6,5 to)

709 63-66kW	03/84→06/87	F	**15 162 11,50 00 4**	4	15 162	MB/103/2	304	258	90	►11,5		93057	UAI202	
709 K 63-66kW		R	**15 162 11,50 00 4**	4	15 162	MB/103/2	304	258	90	►11,5		93057	UAI202	
709 63-66kW	07/87→	F	**15 162 13,50 00 4**	4	15 162	MB/116/2	308	258	90	►13,5		93057	UAI202	
709 K 63-66kW	07/87→10/90	R	**15 162 13,50 00 4**	4	15 162	MB/116/2	308	258	90	►13,5		93057	UAI202	
711	03/94→													

29 253 30,00 41 4
4550 KNR SB/SN7

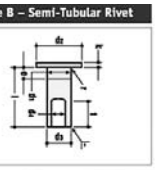


UAI202 ↔ 195mm
4

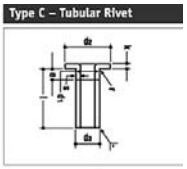
		∅	A	B	C	D		Kg	
BCR145A		430	45.0	37.0	132	211	10xM14	34.2	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

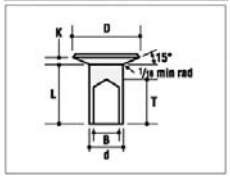
Type B – Semi-Tubular Rivet

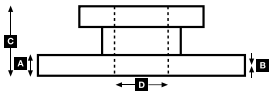


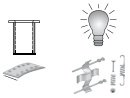
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MERCEDES-BENZ

LK/LN2-Series (7,5 to)

809, K, 811, 814, L, K, S, 817	03/84→06/87	F	**17 278 11,50 00 4**	4	17 278	MB/96/2	304	258	105	►11,5		93057	UAI202	
		R	**17 278 11,50 00 4**	4	17 278	MB/96/2	304	258	105	►11,5		93057	UAI202	
809, K, 811, 814, L, K, S, 817	07/87→	F	**17 278 13,50 00 4**	4	17 278	MB/109/2	308	259	105	►13,5		93057	UAI202	
		R	**17 278 13,50 00 4**	4	17 278	MB/109/2	308	259	105	►13,5		93057	UAI202	

LK/LN2-Series (8 & 8,6 to)

809, K 63-66kW	03/84→06/87	F	**17 280 11,50 00 4**	4	17 280	MB/97/2	304	258	120	►11,5		93057	UAI202	
		R	**17 280 11,50 00 4**	4	17 280	MB/97/2	304	258	120	►11,5		93057	UAI202	
809, K 63-66kW	07/87→	F	**17 280 13,50 00 4**	4	17 280	MB/110/2	308	259	120	►13,5		93057	UAI202	
811, K	03/94→	R	**17 280 13,50 00 4**	4	17 280	MB/110/2	308	259	120	►13,5		93057	UAI202	
814 F	05/86→	F	**17 280 11,50 00 4**	4	17 280	MB/97/2	304	258	120	►11,5		93057	UAI202	
817 F	03/96→	F	**17 280 13,50 00 4**	4	17 280	MB/110/2	308	259	120	►13,5	7/87→	93057	UAI202	
		R	**17 287 11,50 00 4**	4	17 287	MB/102/2	304	258	135	►11,5		93057	UAI202	
			17 287 13,50 00 4	4	17 287	MB/115/2	308	257	135	►13,5	7/87→	93057	UAI202	
814, L, K, S 95-100kW	03/84→06/87	F	**17 280 11,50 00 4**	4	17 280	MB/97/2	304	258	120	►11,5		93057	UAI202	
817, L, K, S, LS 116-125kW	01/86→06/87	R	**17 287 11,50 00 4**	4	17 287	MB/102/2	304	258	135	►11,5		93057	UAI202	
814, L, K, S 95-100kW	07/87→	F	**17 280 13,50 00 4**	4	17 280	MB/110/2	308	259	120	►13,5		93057	UAI202	
817, L, K, S, LS 116-125kW		R	**17 287 13,50 00 4**	4	17 287	MB/115/2	308	257	135	►13,5		93057	UAI202	

LK/LN2-Series (9 to)

914 AK 95-100kW	02/87→	F	**17 290 15,40 00 6**	4	17 290	MB/111/2	364	172	130	►15,4		93058		
				4	17 950	MB/112/1	364	131	130	►15,5		93058		
914 AK 125kW /170PS	02/87→	R	**17 290 15,40 00 6**	4	17 290	MB/111/2	364	172	130	►15,4		93058		
				4	17 950	MB/112/1	364	131	130	►15,5		93058		
914 K0 95-100kW	01/87→	F	**17 287 11,50 00 4**	4	17 287	MB/102/2	304	258	135	►11,5		93057	UAI202	
917, K, K0 125kW /170PS	03/94→	F	**17 287 13,50 00 4**	4	17 287	MB/115/2	308	257	135	►13,5	7/87→	93057	UAI202	
		R	**17 287 11,50 00 4**	4	17 287	MB/102/2	304	258	135	►11,5		93057	UAI202	
			17 287 13,50 00 4	4	17 287	MB/115/2	308	257	135	►13,5	7/87→	93057	UAI202	
914 0 100kW /136PS	12/86→02/93	F	**19 506 13,40 00 6**	4	19 844	MB/104/1	360	130	160	►13,5		93058	UAI202	
				4	19 506	MB/105/2	360	172	160	►13,4		93058	UAI202	
		F	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5	10/88→	93058	UAI202	
				4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	
		R	**17 290 13,40 00 6**	4	17 290	MB/98/2	360	172	130	►13,4		93058		
				4	17 950	MB/99/2	360	130	130	►13,5		93058		
		R	**17 290 15,40 00 6**	4	17 290	MB/111/2	364	172	130	►15,4	10/88→	93058		
				4	17 950	MB/112/2	364	131	130	►15,5		93058		
914, K 95-100kW	03/84→06/87	F	**17 287 11,50 00 4**	4	17 287	MB/102/2	304	258	135	►11,5		93057	UAI202	
		R	**17 287 11,50 00 4**	4	17 287	MB/102/2	304	258	135	►11,5		93057	UAI202	
914, K 95-100kW	07/87→	F	**17 287 13,50 00 4**	4	17 287	MB/115/2	308	257	135	►13,5		93057	UAI202	
		R	**17 287 13,50 00 4**	4	17 287	MB/115/2	308	257	135	►13,5		93057	UAI202	
917 AF 116-125kW	02/87→	F	**17 290 15,40 00 6**	4	17 290	MB/111/2	364	172	130	►15,4		93058		
917 AK 125kW /170PS	03/94→			4	17 950	MB/112/1	364	131	130	►15,5		93058		
		R	**17 290 15,40 00 6**	4	17 290	MB/111/2	364	172	130	►15,4		93058		
				4	17 950	MB/112/1	364	131	130	►15,5		93058		

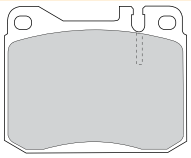
MB-Trac

65/70, 800 48 - 72kW	1982→	R	**29 581 15,00 40 4**	4	29 581	FDB143	374	90	74	15				**BCR156A**
700, 800, 900, 900 Turbo, 1000 48 - 72kW	1976→	F	**29 581 15,00 40 4**	4	29 581	FDB143	374	90	74	15				**BCR156A**
		R	**29 581 15,00 40 4**	4	29 581	FDB143	374	90	74	15				**BCR156A**

MK/SK-Series (17 to):

1717 AK 125kW /170PS	09/89→08/94	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1722 AK	12/88→08/94	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI202	
1726 AK 195kW /265PS	06/89→08/94													
1729 AK 213kW /290PS	07/88→09/93													
1735 AK	08/89→08/94													
1717, L, K 129kW /175PS	09/89→08/94	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
1720 S 155kW /211PS	02/90→08/94	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI202	
1720, L	02/90→													
1722, L, S, K	12/88→08/94													
1726, L, S, LS, K														
1729, L, S, LS, K	07/88→08/94													
1733, L, S, LS	01/89→07/92													
1735, L, S, LS, K	07/88→08/94													
1748, L, S, LS	07/88→07/92													

29 581 15,00 40 4
4508 ATE



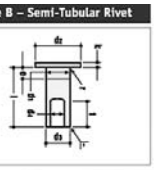
UAI202 ↔ 195mm
4

BCR156A

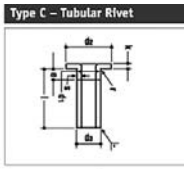
∅	A	B	C	D		Kg
374	22.0	20.0	22	60	10x16,7	9.5

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

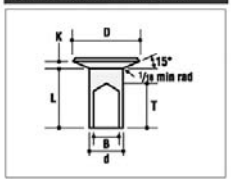
Type B – Semi-Tubular Rivet

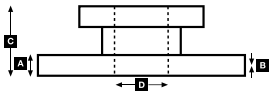


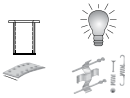
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MERCEDES-BENZ

MK/SK-Series (18 to):

1820 AK 155kW /211PS	07/93→	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1824 AK	01/94→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI202	
1824 K	08/92→													
1831 AK 230kW /313PS	05/91→													
1831 K 230kW /313PS	07/92→													
1838 AK	12/92→													
1838 K	12/90→													
1853 AK 390kW /530PS	01/96→													
1820 S 155kW /211PS	05/92→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
1820, L 155kW /211PS	01/91→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI202	
1824, L 180kW /245PS	08/92→													
1827, L, S, LS 200kW /272PS	12/90→													
1831, L, S, LS 230kW /313PS														
1834, L, S, LS 250kW /340PS	01/91→													
1838, L, S, LS	12/90→													
1840 LS 280kW /381PS	07/91→07/92													
1844, L, S, LS 320kW /435PS	11/91→													
1850, L, S, LS	12/90→													
1853, L, S, LS 390kW /530PS	01/96→													

MK/SK-Series (19 to):

1922 AK	08/89→08/94	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1929 A	07/88→08/94	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI202	
1929 AS, AK														
1935 AS, AK	05/89→08/94													
1922, S , K	05/89→08/94	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
1929, L, S, K	07/88→08/94	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI202	
1935 K	05/89→08/94													
1935, S 269kW /366PS														
1948	09/88→07/92													

MK/SK-Series (20 to):

2024, K, AK 180kW /245PS	02/93→	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2031 A	03/92→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2031, A, S, AS 230kW /313PS														
2038 AS 320kW /435PS	12/92→													
2038, S, AS 280kW /381PS	11/91→													
2044, S 320kW /435PS	01/92→													
2050, S	01/91→													

MK/SK-Series (22 to):

2220 L (6x2/4) 147kW /200PS	1989→	F1	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		F2	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	

MK/SK-Series (24 to) 6x2:

2429, L	07/88→08/94	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2433, L	05/89→07/92	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI202	
2435, L	07/88→08/94	R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0	Auxiliary axle	93059	UAI202	
2448, L	07/88→07/92													

MK/SK-Series (24 to) 6x4:

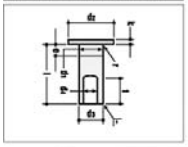
2422, K, B	09/89→08/94	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2426, B 195kW /265PS	01/90→08/94	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2429, S, K	07/88→08/94													
2433 K 249kW /330PS	09/89→07/92													
2435, S, K	07/88→08/94													
2448 S	07/88→07/92													

UAI202 ↔ 195mm

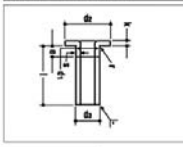
4

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

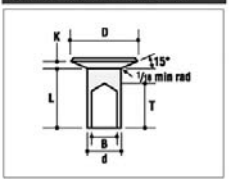
Type B – Semi-Tubular Rivet

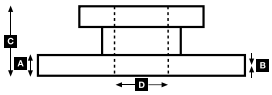


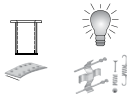
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MERCEDES-BENZ

MK/SK-Series (24 to):

2420, L (6x2/2/4)	02/90→08/94	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2422, L (6x2/2/4)	09/89→08/94	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI202	
2426 L (6x2/4)	02/90→08/94	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Auxiliary axle	93059	UAI202	
2429 S, LS (6x2/4)	07/88→08/94													
2433 S, LS (6x2/4)	05/89→07/92													
2435 S, LS (6x2/2/4)	07/88→08/94													
2448 LS (6x2/4)	07/88→07/92													

MK/SK-Series (25 to) 6x4:

2524, K 180kW /245PS	06/92→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2527 B 200kW /272PS	03/91→	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2527, K 200kW /272PS	10/93→													
2534 K 250kW /340PS	01/91→													
2538	03/91→													
2538 K														
2550 S	01/91→													
2553 S 390kW /530PS	01/96→													

MK/SK-Series (25 to):

2524, L (6x2/2/4)	06/92→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2527 L (6x2/4)	09/92→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI202	
2531, L (6x2/2/4)	12/90→		**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Auxiliary axle	93059	UAI202	
2534 S, LS (6x2/4) 250kW/340PS	01/91→													
2538 S (6x2/4) 370kW/503PS	03/91→													
2538 S, LS (6x2/4)														
2534, L (6x2) 250kW /340PS	01/91→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2538 (6x2) 370kW /503PS	03/91→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI202	
2538, L (6x2) 280kW /381PS			**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0	Auxiliary axle	93059	UAI202	
2538, L (6x4/6x2) 320kW/435PS														
2544, L, S (6x2) 320kW/435PS	01/92→													
2550, L (6x2)	01/91→													
2553, L (6x2) 390kW/530PS	01/96→													

MK/SK-Series (26 to) 6x4:

2629 B	07/88→08/94	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2629 K		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2629, S														
2631	06/92→													
2631 S, B 230kW /313PS														
2635, S, K	07/88→08/94													
2638, S, K	09/91→													
2644, S 320kW /435PS	01/92→													
2648 S	12/88→07/92													
2650, S 370kW /503PS	07/92→													

MK/SK-Series (26 to) 6x6:

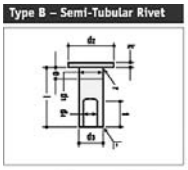
2629 A	07/88→08/94	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2629 AK		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2629 AS														
2631 A 230kW /313PS	06/92→													
2631 AK 230kW /313PS														
2631 AS 230kW /313PS														
2635 A	02/90→08/94													
2635 AK														
2635 AS	02/90→													
2638 AK	09/91→													
2638 AS	07/92→													
2632 for Eaton-axle		F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0		93683		

UAI202 ↔ 195mm

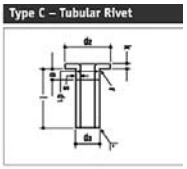
4

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93863							

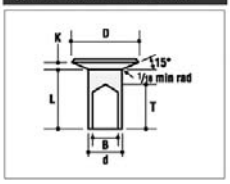
Type B – Semi-Tubular Rivet

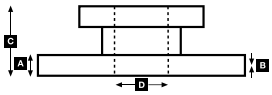


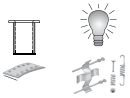
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MERCEDES-BENZ

MK/SK-Series (32 to):

3228 B, K (8x4/4) 206kW /280PS	1989→	F1	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		F2	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R1	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
		R2	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
3236 A (6x6) 261kW /355PS	1989→	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
3250 A (6x6) 368kW /500PS		R1	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R2	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	

MK/SK-Series (32-35 to):

3229	09/89→08/94	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
3229 K, B	09/89→07/92	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
3233 K, B 250kW /340PS	10/90→07/92													
3234 K, B 250kW /340PS	02/92→													
3235 260kW /354PS	10/88→07/92													
3235 K 260kW /354PS	07/87→07/92													
3238	10/90→													
3253 390kW /530PS	01/96→													
3534 K 250kW /340PS	10/93→													
3535 AK	02/90→08/94													
3535 K, B	10/88→08/94													
3538 AK	03/91→													
3538 K														
3550 S	05/92→													

MK/SK-Series (32-38 to):

3250 AF (6x6) 368kW /500PS	1989→	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
3850 A (6x6) 368kW /500PS		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
3850 AS (6x6) 368kW /500PS														

MK-Series (14 to):

1417 A, AK	09/89→	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1417, K	07/89→	R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1420, L, LS 155kW /211PS	02/90→													
1422 230kW /313PS	02/93→08/94													
1422 F	07/89→08/94													
1422 LS 200kW /272PS	02/93→08/94													
1422, L, S, LS	06/89→08/94													
1424, L, S, LS	02/93→													
1426 S, LS	06/89→09/93													
1427 F	02/93→													

NG-Series (10 to):

1013 A, AK, KO 96kW /130PS	02/76→12/86	F	**17 682 17,00 60 8**	8	17 682	MP/29/1	410	175	123	►17,0		93059		
1017 A 124kW /168PS	11/75→02/91	R	**17 682 17,00 60 8**	8	17 682	MP/29/1	410	175	123	►17,0		93059		
1017 AF 124kW /168PS	11/75→09/85													
1017 AK 124kW /168PS	02/76→12/84													
1017 AS 124kW /168PS	04/77→09/85													
1017 KO, F 124kW /168PS	11/75→09/85													
1019, F, AF 140kW /190PS	1976→1986													

NG-Series (12 to):

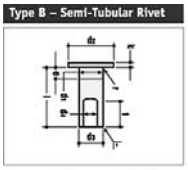
1213 AKO, K, AK 96kW/130PS	09/75→05/86	F	**17 682 17,00 60 8**	8	17 682	MP/29/1	410	175	123	►17,0		93059		
1213, A, S, AS, KO 96kW/130PS		R	**17 682 17,00 60 8**	8	17 682	MP/29/1	410	175	123	►17,0		93059		
1217 KO, K, AK 124kW/168PS	09/75→09/85													
1217, L, A, S, LS, AS 124kW/168PS														
1214, A 100kW /136PS	1986→1988	F	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
1217 CA 125kW /170PS	1983→1988	R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
1219 A 141kW /192PS	09/75→12/82													
1219 AK 141kW /192PS	09/75→12/84													
1219, S, F, AF, K 141kW/192PS	09/75→09/84													
1222 A 159kW /216PS	05/82→10/90													
1225 AF 184kW /250PS	1983→1988													
1222 F, AF 159kW /216PS	05/82→12/91	F	**17 682 17,00 60 8**	8	17 682	MP/29/1	410	175	123	►17,0		93059		
1222, S 159kW /216PS	07/82→02/90	R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	

UAI202 ↔ 195mm

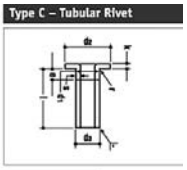
4

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

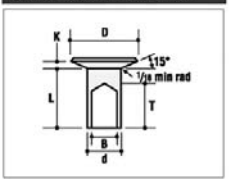
Type B – Semi-Tubular Rivet

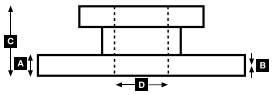


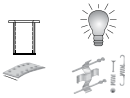
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MERCEDES-BENZ

NG-Series (14 to):

1414, K 100kW /136PS	04/84→03/91	F	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
1417 C, CA, CK, CAK		R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
1419 C, CL 141kW /192PS	05/83→06/85													
1420, L 150kW /204PS	07/85→03/91													
1422, L, S, LS, F 159kW/216PS	05/82→10/90													
1425 S, LS 184kW /250PS	11/82→03/91													

NG-Series (16 to):

1614, K 100kW /136PS	04/84→03/91	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1617, C, S, K, L 125kW/170PS	1989→1991	R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1620, L 150kW /204PS	07/85→03/91													
1622 K, AK 159kW /216PS	05/82→10/89													
1622 S 159kW /216PS	05/82→03/91													
1622, L														
1628 A 206kW /280PS	01/80→05/89													
1617 C, CL, CS, CK, CAK 125kW/170PS	04/84→03/91	F	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
1619 C, CL 141kW /192PS	06/83→06/85	R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1625 AK 184kW /250PS	10/80→11/89													
1625, K, L, S, LS 184kW/250PS	05/80→10/89	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
1628, L, S, LS 206kW /280PS	01/80→05/89	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1633, L, S, LS 243kW /330PS	10/80→05/87	R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1635, L, S, LS, K 260kW/354PS	02/86→07/89	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt.	93059	UAI202	
1636, L, S, LS 261kW /355PS	12/83→03/91													
1638, S, LS 276kW /375PS	11/80→12/86													
1644, S, LS 320kW /435PS	06/86→08/89													

NG-Series (19 to):

1922 159kW /216PS	10/81→10/90	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
1922 S, K, AK 141kW /192PS	10/81→03/91	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
1928 A, S, LS, AS, K, AK 206kW/280PS	01/80→03/91													
1928, L 206kW /280PS	01/80→05/89													
1933, S, LS 243kW /330PS	11/80→03/91													
1935 AK	09/87→03/91													
1935, S, LS 260kW /354PS	02/86→09/89													
1936, S, LS, AS, K, AK 261kW/355PS	10/81→03/91													
1938, S, LS 276kW /375PS	11/80→06/90													
1944, S, LS 320kW /435PS	10/85→12/89													

NG-Series (20 to):

2025 S 184kW /250PS	08/83→03/91	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2028 LS 206kW /280PS	01/80→06/89	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2033 LS 243kW /330PS	12/81→05/87													
2035 S, LS 260kW /354PS	06/86→07/89													
2036 LS 261kW /355PS	03/84→03/91													
2028 A (6x6) 206kW /280PS	1980→1991	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	

NG-Series (22 to):

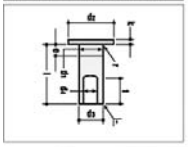
2219 C, CL 141kW /192PS	02/83→09/85	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2220, L 147kW /200PS	→1988	R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2222, L 159kW /216PS	05/82→03/91	R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0	Auxiliary axle	93058	UAI202	
2219, L, K, KO 141kW /192PS	06/76→01/87	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2220 (6x2/4) 147kW /200PS	1975→1984	R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2222 (6x2/4) 162kW /220PS														
2228, S 206kW /280PS	12/79→03/91													
2233, S 243kW /330PS	11/80→05/87													
2235 K 260kW /354PS	03/86→07/89													
2236 S 261kW /355PS	12/84→03/91													
2238 S 276kW /375PS	01/81→12/86													
2244 S 320kW /435PS	10/85→07/89													
2220, L 150kW /204PS	07/85→03/91	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	

UAI202 ↔ 195mm

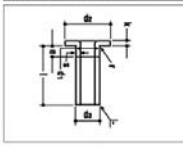
4

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

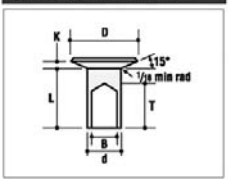
Type B – Semi-Tubular Rivet

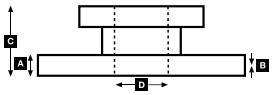


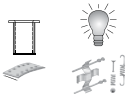
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MERCEDES-BENZ

...NG-Series (22 to):

2222 B, K	05/82→03/91	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2225 184kW /250PS	04/85→03/91	R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
2225 B 184kW /250PS	08/83→03/91													
2228, L 206kW /280PS	12/79→03/91	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2232 L (6x2) 243kW /330PS	1980→1986	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
2233, L 243kW /330PS	11/80→05/87	R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0	Auxiliary axle	93059	UAI202	
2235, L, S, LS 260kW /354PS	03/86→07/89													
2236 261kW /355PS	09/82→03/91													
2238, L 276kW /375PS	01/81→12/86													
2244, L 320kW /435PS	10/85→07/89													

NG-Series (24 to):

2419, K (6x4)	1975→	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2421, K (6x4)	1982→	R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	

NG-Series (26 to):

2624 A, AK (6x6) 177kW /240PS	→1989	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2624, S, K (6x4) 177kW /240PS		R1	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
2626 AK, A, AS, AB, LAK (6x6) 191kW/260PS	1973→1989	R2	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0	Trailing axle	93059	UAI202	
2626, K, B, LK, S (6x4) 191kW/260PS														
2628 A 331kW /450PS	01/90→03/91													
2628 A, AS, AK 206kW/280PS	02/80→03/91													
2628 B 206kW /280PS	02/80→08/89													
2628, S, K 206kW /280PS	02/80→03/91													
2632 A, AS (6x6) 236kW/320PS	1973→1989													
2632 AK, LAK (6x6) 236kW/320PS														
2633, S 243kW /330PS	05/82→05/87													
2635 S, AS, AK 269kW/366PS	09/87→03/91													
2635, S 260kW /354PS	04/86→03/91													
2636 A	11/81→03/91													
2636 AS, AK 261kW /355PS														
2636, S, K 261kW /355PS														
2638 S 276kW /375PS	01/81→12/86													
2644 S 320kW /435PS	10/85→02/90													

NG-Series (30/32 to):

3025 B	12/85→07/87	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
3228 B 206kW /280PS	07/87→03/91	R	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058	UAI202	
3025 K 184kW /250PS	12/85→07/87	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
3028 K, B 206kW /280PS		R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
3228 K 206kW /280PS	07/87→03/91													
3229 B, K (8x4/4) 213kW/290PS	1989→1991													
3236 A (8x8) 261kW /355PS														
3250 A 368kW /500PS	09/85→08/94													
3038 S (6x4) 276kW /375PS	1989→1991	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
3235, K (8x4/4) 269kW/366PS		R1	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
		R2	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Trailing axle	93059	UAI202	

NG-Series (32 to):

3250 AF 368kW/500PS	09/85→08/94	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	

NG-Series (32-48 to):

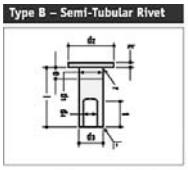
3229, B, K (8x4/4)	1983→1988	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
3235, K (8x4/4)		R	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
3328 (8x4/2) 206kW /280PS														
3328 B, K 206kW /280PS	07/82→07/87													
3336 AK 261kW /355PS	09/86→11/91													
3336, S, K 261kW /355PS	12/82→11/91													
3528 B, K (8x4/4) 260kW/354PS	1989→1991													
3536 (8x4/4) 261kW /355PS	1983→1988													
3850 AS (8x8) 368kW /500PS														
4050 A (8x8) 368kW /500PS														
4850 A (8x8) 368kW /500PS														

UAI202 ↔ 195mm

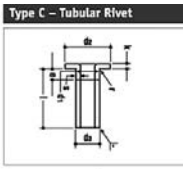
4

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

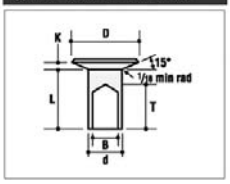
Type B – Semi-Tubular Rivet

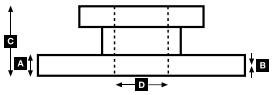


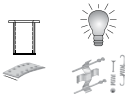
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...MERCEDES-BENZ

NG-Series (35 to):

3535 AK 260kW /354PS	09/87→02/90	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
3535 K	09/87→01/89	R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059	UAI202	
3850 A 368kW /486PS	09/85→08/94													

NG-Series (38 to):

3824 (6x4, 6x6)	1984→	F	**17 285 10,00 60 8**	8	17 285	BC/2/1	440	190	140	10,0		93059		
		F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0	Opt.	93059	UAI202	
		R	**19 160 15,00 00 8**	8	19 160	MB/51/1	440	186	170	15,0		93059		
			19 494 17,00 00 8	8	19 494	MP/31/2	410	175	163	►17,0	Opt.	93059	UAI202	

Powerliner Series

1820, 1827, 1831, 1834, 838, 1844, 1850 - 22.5" wheel size Knorr SB/SN7…	01/91→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	109	30				**BCR145A**

Unimog

120, 1300, 1500, 1700 L 177kW	1974→04/92	F	**29 764 20,30 41 6**	8	29 764	FCV958	374	150	81	20				**BCR156A**
90, 110, 140, 600, 650/L, 1100 T, 1250, 1650 L, 1700/T, 1750/L, 2100, 2150/L, 2400, 2450/ L 177kW	05/92→	F	**29 764 20,30 41 6**	8	29 764	FCV958	374	150	81	20				**BCR156A**
1600, 1650 177kW			**29 764 20,30 41 6**	8	29 764	FCV958	374	150	81	20				**BCR156A**
54, 65, 66, 70, 80, 84, 90, 100, 110, 125 40-125kW	1973→04/92	R	**29 581 15,00 40 4**	4	29 581	FDB143	374	89.75	73.8	15				**BCR156A**
			29 581 15,00 40 4	4	29 581	FDB143	374	89.75	73.8	15	Opt 19mm Thick			**BCR156A**
120, 1300, 1500, 1700 L 115kW	1974→04/92	R	**29 765 20,30 41 3**	4	29 765	FCV959	374	150	81	20				**BCR156A**
90, 110, 140, 600, 650/L, 1100 T, 1250, 1650 L, 1700/T, 1750/L, 2100, 2150/L, 2400, 2450/ L 115kW	05/92→	R	**29 765 20,30 41 3**	4	29 765	FCV959	374	150	81	20				**BCR156A**
72, 800L 53 - 72kW	1977→04/92	R	**29 581 15,00 40 4**	4	29 581	FDB143	374	89.75	73.8	15				**BCR156A**
			29 581 15,00 40 4	4	29 581	FDB143	374	89.75	73.8	15	Opt 19mm Thick			**BCR156A**
900, 1000, 1100, 1200, 1300 L, 1300 LL 62 -125kW	1978→04/92	R	**29 581 15,00 40 4**	4	29 581	FDB143	374	89.75	73.8	15				**BCR156A**
			29 581 15,00 40 4	4	29 581	FDB143	374	89.75	73.8	15	Opt 19mm Thick			**BCR156A**

NISSAN

Eco-T / Atleon Range

100 L35/50	01/97→	F	**20 984 17,00 41 5***	4	20 984	FVR792		167	62	17	* use/verwenden FVR792			**DDF1016**
135 L 60/70/80 - M90			**29 039 22,00 40 4**	4	29 039	FCV702		177	78	22				
		R	**29 039 22,00 40 4**	4	29 039	FCV702		177	78	22				
160 - 110/130 - 200	01/97→	F	**29 099 25,00 41 4**	4	29 099	FCV1159B		214	112	25				
		R	**29 099 25,00 41 4**	4	29 099	FCV1159B		214	112	25				

Trade

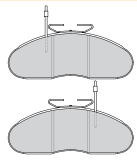
2.0, 2.8 Diesel, 2.8 i, 3,0, 75, 100 →78kW	01/87→	F	**20 984 17,00 41 5***	4	20 984	FVR792		167	62	17	* use/verwenden FVR792			**DDF1016**
			29 706 17,00 40 3*	4	29 706	FVR791		167	62	17	* use/verwenden FVR791			**DDF668**

PEGASO

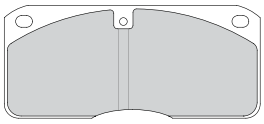
All

1214.14	1987→	R	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
1214.17	1987→	R	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
1217.17	1987→	R	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
1217.2	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
1223.2	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
1231 R	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		

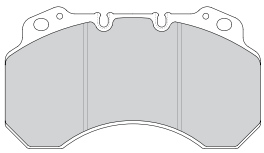
20 984 17,00 41 5*
1708



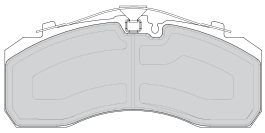
29 039 22,00 40 4
3422 MER 2x68



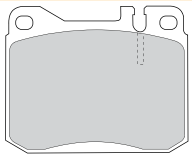
29 099 25,00 41 4
4572 MER C-LISA



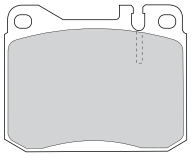
29 253 30,00 41 4
4550 KNR SB/SN7



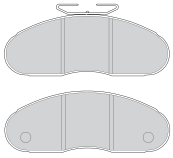
29 581 15,00 40 4
4508 ATE



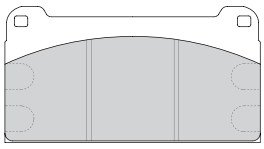
29 581 19,00 40 4
4508 ATE



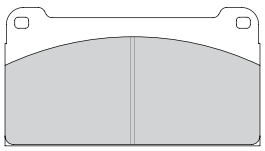
29 706 17,00 40 3*
1708



29 764 20,30 41 6
1721 ATE



29 765 20,30 41 3
1721 ATE

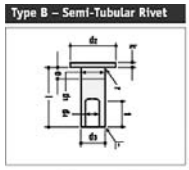


UAI202 ↔ 195mm
4

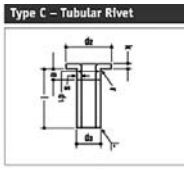
		∅	A	B	C	D		Kg	
BCR145A		430	45.0	37.0	132	211	10xM14	34.2	
BCR156A		374	22.0	20.0	22	60	10x16,7	9.5	
DDF1016		263	24.0	22.4	53	96	6		
DDF668		263	24.0	22.0	53	96	58		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

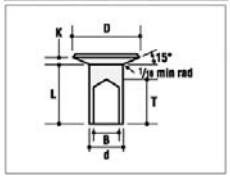
Type B – Semi-Tubular Rivet

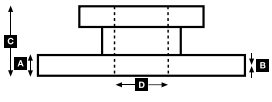


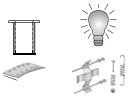
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







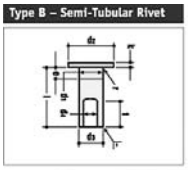
...PEGASO

...All

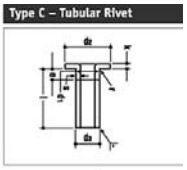
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
1234 R	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
1323.26	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
		R	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2	Trailing axle	93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
1331.26	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	162	200	►17,3		93049		
1331.38 R	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
1334.38	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
1436.38 G	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
2323.26 K	1987→	F	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
		R	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
2331.26 K	1987→	F	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
2331.38 R	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
2331.38 T	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	162	200	►17,3		93049		
2334.38 T	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
2431.36 K	1987→	F	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	162	200	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	*use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	162	200	►17,3		93049		
		R	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2	Trailing axle	93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

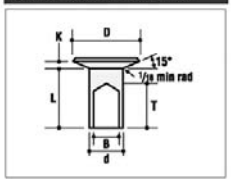
Type B – Semi-Tubular Rivet

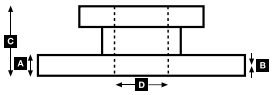


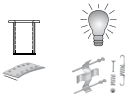
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...PEGASO

...All

2434.36 K	1987→	F	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
		R	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2	Trailing axle	93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
Troner 1234.38 T	1987→	F	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
Troner 1234.39 R	1987→	F	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
Troner 1236.38 R	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
Troner 1236.38 T	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	162	200	►17,3		93049		

PERROT BREMSEN (WABCO)

All

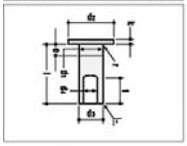
230 x 34mm		R	**11 019 08,00 60 5**	2	11 582	MB/90/1	230	174	34	8,0		93021	UAI200	
				1	11 019	MB/91/2	230	207	34	8,0		93021		
				1	11 025	MB/91/3	230	207	34	8,0		93021		
260 x 55mm		R	**13 020 08,00 60 3**	2	13 532	MB/88/1	260	201	54	8,0		93021	UAI200	
				2	13 020	MB/89/2	260	233	54	8,0		93021		
270 x 80mm for IVECO		R	**15 039 08,00 00 3**	2	15 742	MB/80/2	270	211	79	8,0		93038		
				2	15 039		270	244	79	8,0		93038		
270 x 80mm for Mercedes-Benz		R	**15 030 08,00 60 3**	2	15 742	MB/80/2	270	211	79	8,0		93038	UAI200	
				2	15 030	MB/81/3	270	244	79	8,0		93038		
310 x 100mm		R	**17 313 12,90 60 3**	2	17 313	PB/23/1	310	236	100	12,9		93048		
				2	17 318	PB/26/1	310	280	100	12,9		93048		
325 x 100mm		R	**17 408 08,00 60 3***	2	17 793	FI/102/1	325	296	100	8,0	* use/verwenden K17408.0-F3653	93048		
				2	17 408	FI/104/1	325	296	100	8,0		93048		
		R	**17 924 12,50 60 3**	2	17 924	FI/120/1	325	249	100	12,5	Opt.	93048		
				2	17 925	FI/121/1	325	288	100	12,5		93048		
325 x 120mm		R	**17 635 12,00 60 3**	2	17 635	SY/20/2	325	249	120	12,0		93048		
				2	17 636	SY/26/1	325	288	120	12,0		93048		
		R	**17 758 08,10 00 4**	4	17 758	FI/138/1	325	255	120	8,1	Opt.	93048		
325 x 147mm		R	**17 900 12,10 60 3**	2	17 900	MP/39/1	325	301	147	12,1		93057		
				2	17 901	MP/40/1	325	251	147	12,1		93057		
325 x 160mm		R	**19 821 12,00 60 3**	2	19 822	SY/33/1	325	249	160	12,0		93049		
				2	19 821	SY/34/1	325	288	160	12,0		93049		
325 x 80mm		R	**15 732 07,00 60 3**	2	15 733	FI/100/1	325	256	80	7,0		93048		
				2	15 732	FI/101/1	325	298	80	7,0		93048		
325 x 97mm		R	**15 817 12,10 60 3**	2	15 817	MP/37/1	325	301	97	12,1		93060		
				2	15 823	MP/38/1	325	251	97	12,1		93060		
360 x 170mm		R	**19 225 14,00 60 4**	4	19 225	FI/124/2	360	318	170	14,0		93252		
			19 503 16,00 60 4	4	19 503	PB/22/1	360	316	170	16,0	Opt.	93251		
400 x 140mm Duplex-Bremse		R	**17 248 12,00 60 4**	4	17 248	BC/32/2	400	321	140	12,0		93060		
400 x 140mm Servo brake		R	**17 269 12,00 60 3**	2	17 269	BC/32/1	400	320	140	12,0		93251		
				4	17 336	BC/33/1	400	320	140	12,0		93251		
410 x 140mm		R	**17 742 16,00 00 6**	4	17 742	PB/9/1	410	207	140	►16,0		93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		

UAI200 ↔ 220mm

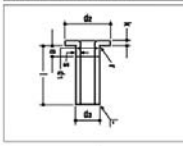
4

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

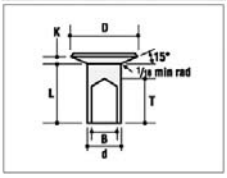
Type B – Semi-Tubular Rivet

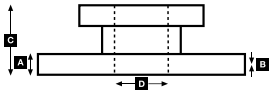


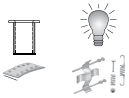
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...PERROT BREMSEN (WABCO)

...All

410 x 160mm		R	**19 634 15,90 00 6**	4	19 634	PB/27/1	410	207	160	►15,9		93067		
				4	19 635	PB/28/1	410	207	160	►15,9		93067		
		R	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		
		R	**19 237 19,40 00 6**	4	19 237		410	196	160	►19,4	Opt.	93067		
				4	19 238		410	196	160	►19,3		93067		
410 x 180mm		R	**19 099 21,50 00 5**	6	19 100	PB/41/1	410	204	180	►21,5		93060		
				2	19 099	PB/41/2	410	204	180	►21,5		93060		
		R	**19 084 17,50 00 5**	2	19 084		410	192	180	►17,5	Opt.	93067		
				2	19 855	PB/29/1	410	196	180	►17,5		93067		
				4	19 856	PB/30/1	410	192	180	►17,4		93067		
		R	**19 946 18,20 00 6**	4	19 946	PB/36/1	410	192	180	►18,2	Opt.	93067		
				4	19 947	PB/37/1	410	193	180	►18,7		93067		
		R	**19 262 19,80 60 5**	2	19 342	PB/25/2	410	201	180	►19,8	Opt.	93060		
				6	19 262	PB/25/1	410	201	180	►19,8		93060		
		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0	Opt.	93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		
410 x 180mm for mobile Krane		R	**19 723 18,20 00 8**	8	19 723	PB/40/1	410	177	180	►18,2	Old version	93068		
			19 113 18,20 00 8	8	19 113	AD/44/1	410	178	180	►18,2	new version	93067		
410 x 200mm		R	**19 263 19,80 60 5**	2	19 343	PB/24/2	410	201	200	►19,8		93060		
				6	19 263	PB/24/1	410	201	200	►19,8		93060		
410 x 220mm		R	**19 114 19,40 00 6***	4	19 114	PB/38/1	410	196	220	►19,4	* use/verwenden B2740167	93067		
				4	19 115	PB/39/1	410	196	220	►19,4		93067		
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55	Opt.	93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
		R	**19 712 16,10 00 6**	4	19 712	PB/20/1	410	208	220	►16,10	for steel brake shoes →1985	93067		
				4	19 755	PB/21/1	410	211	220	0►16		93067		
		R	**19 712 18,10 00 6**	4	19 712	PB/20/1	410	208	220	►18,1	for cast iron brake shoes 1986→	93067		
				4	19 755	PB/21/1	410	211	220	►18,0		93067		
		R	**19 824 18,40 00 5**	6	19 824	PB/35/1	410	202	220	►18,4	Opt.	93067		
				2	19 838	PB/35/2	410	202	220	►18,4		93067		
420 x 160mm		R	**19 134 14,00 60 5**	4	19 134	SY/19/1	420	214	160	14,0		93067		
				2	19 298		420	334	160	14,0		93067		
420 x 180mm		R	**19 019 14,00 60 4**	4	19 019	BC/61/1	420	391	180	14,0		93074		
500 x 120mm for mobile Krane		R	**17 237 17,80 00 8**	8	17 237	PB/15/1	500	253	120	►17,8	old version	93067		
			17 374 17,80 00 8	8	17 374		500	253	120	►17,8	new version	93067		
500 x 160mm for mobile Krane		R	**19 687 17,80 00 8**	8	19 687		500	253	160	►17,8	old version	93067		
			19 042 17,80 00 8	8	19 042	BC/86/1	500	253	160	►17,8	new version	93067		
500 x 180mm for mobile Krane		R	**19 690 17,80 00 8**	8	19 690		500	253	180	►17,8	old version	93067		
			19 041 17,80 00 8	8	19 041		500	253	180	►17,8	new version	93067		

RENAULT TRUCKS

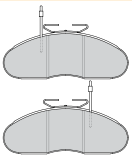
B Series

B70-35D 53kW	1982→1986	F	**29 071 17,00 40 3***	4	29 071	FCV627	276	168	62	17	*use/verwenden FCV627			**BCR169A**
B70-35D 53kW	1982→1986	F	**29 706 17,00 40 3***	4	29 706	FVR791	276	167	62	17	Opt., * use/verwenden FVR791			
B70, 80, 90, 110, 120	1987→	F	**29 071 17,00 40 3***	4	29 071	FCV627	276	168	62	17	*use/verwenden FCV627			**BCR169A**
							276				Opt. Disc			
B110.45, B120.35→B120.65	1994→06/99	F	**29 706 17,00 40 3***	4	29 706	FVR791	276	167	62	17	* use/verwenden FVR791			**BCR169A**
			20 984 17,00 41 5*	4	20 984	FVR792	276	167	62	17	with fitted w.i., * use/verwenden FVR792			

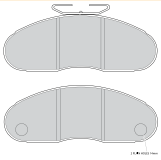
Berliet

90B6, 6A, 7	1975→1980	F	**17 829 10,00 60 3***	2	17 829	BT/76/1	310	245	100	10,0	* use/verwenden J1228928	93038		
				2	17 830	SA/25/1	310	209	100	10,0		93038		
		R	**17 831 10,00 60 3***	2	17 832	SA/26/1	310	245	125	10,0	* use/verwenden J1229928	93038		
				2	17 831	SA/27/1	310	209	125	10,0		93038		
130B13, 14, TB19, 20, 21 150B11, 13/R, TB19, 20, 21	1978→1980	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			

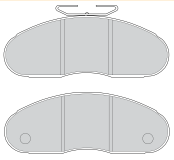
20 984 17,00 41 5*
1708



29 071 17,00 40 3*
1708 BDX



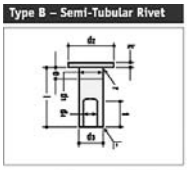
29 706 17,00 40 3*
1708



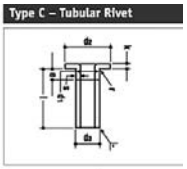
		∅	A	B	C	D		Kg	
BCR169A		276	24.0	22.4	44	102	10x10,6	6.6	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93074	18	10x17	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

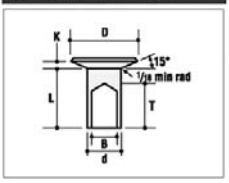
Type B – Semi-Tubular Rivet

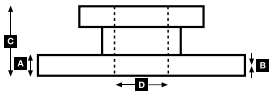


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





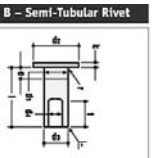
...RENAULT TRUCKS

...Berliet

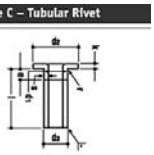
130B6, 8, 9, 9A	1978→1980	F	**17 827 12,50 60 3***	2	17 827	SA/28/1	325	251	120	12,5	*use/verwenden J1227928			
				2	17 828	SA/29/1	325	210	120	12,5				
		R	**19 620 12,50 60 3**	2	19 621	SA/30/1	325	251	150	12,5				
				2	19 620	SA/31/1	325	210	150	12,5				
610K, KB, K6	1972→1979	F	**17 827 12,50 60 3***	2	17 827	SA/28/1	325	251	120	12,5	*use/verwenden J1227928			
				2	17 828	SA/29/1	325	210	120	12,5				
		R	**17 827 12,50 60 3***	2	17 827	SA/28/1	325	251	120	12,5	*use/verwenden J1227928			
				2	17 828	SA/29/1	325	210	120	12,5				
950KB, KB6, KB6A, KBT6A-E	1973→1979	R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
951KB				2	19 199	SA/11/1	414	286	150	12,5		93049		
GL900	1974→1979													
L64-8M3, RA	1966→1981													
TAK160/205/250A, B, C	1971→1975													
TB 191 (4x2)	10/78→													
TB 191 C														
TB 191 E														
TB 191 F														
TB 191 G														
TB 231 B	1979→													
TB 231 C														
TB 231 E														
TB 231 F														
TB 231 G	1980→													
950KB6S Turbo, KB6SA, KB6SA-E	1978→1979	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049		
BOM16, 17	1966→1975			2	17 747	BT/57/1	414	345	125	12,5		93049		
GC/GF230 Turbo	1978→1979	R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
GCK160/205A, B	1970→1974			2	19 199	SA/11/1	414	286	150	12,5		93049		
PM4	1964→1973													
G170 (4x2)	1983→	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
G260	1982→			2	19 199	SA/11/1	414	286	150	12,5		93049		
G260.17 TD (4x2)	1983→	R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
GBH 12 (6x4)	1974→													
GBH 260 (6x4)	1975→1979													
GBH 280 (6x4)	1976→													
GBH 280 (6x6)	10/78→													
GBH 280 (6x6) Turbo	07/86→06/88													
GF 151 (4x2)	1980→													
GLR 190, A	1978→													
GLR 190, GLS 190	1974→													
GLR 230 (4x4)	04/80→													
GLR 230, A	1978→													
GLR190, 230														
GR 191 B BOM	1979→													
GR 191, A	1978→													
GR 231, A														
GR 250, TR 250	05/72→													
GR 260, TR 260														
GR 280, TR 280														
GR 300, TR 300														
GR 305, Turbo	1977→													
GR 320, TR 320	1974→													
GR 350 (4x2)	1977→													
GR 350, Turbo														
GR 190/191/205/230/231, A, B, BOM	1974→													
GRH 305 (6x4)	1977→													
GRH 350 (6x4)														
GRH230, 305	1976→1980													
TLM 280	1980→													
TLM/TLR280	1977→													
TLR 280-1	10/77→													
TLR 280-C	1974→													
TR 280, A														

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

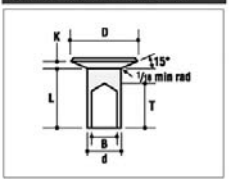
Type B – Semi-Tubular Rivet

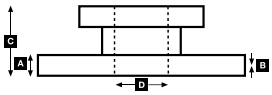


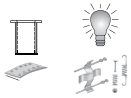
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...RENAULT TRUCKS

...Berliet

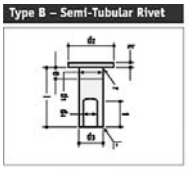
TR280, 305, 350 TRH 320 TS (6x4) TRH 350 TS (6x4) Turbo	1974→1980												
GB131	1978→	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049	
				2	17 747	BT/57/1	414	345	125	12,5		93049	
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
GB/GC/GF191, 231, A/B	1978→	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049	
				2	17 747	BT/57/1	414	345	125	12,5		93049	
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
GBD GC 190, GF 190	1974→1978	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
GC 191, A, B BOM GC 230 GC 231, A, Turbo GF 191, A GF 231, A GLC 190 GR 280 GR 280, A, B GRH 235, R (6x4)	1978→ 1979→ 1978→ 1974→ 1973→ 1978→	R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
GBH 260, 280 GR 250/260 GR 305, 320, 350, A, B, Turbo TBH 12, 260, 280	1975→1980 1971→1974 1974→1980 1976→1980	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
GBH 260, 280 TBH 12, 260, 280	1981→	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
TRH305, 320, 350 (33T)	1977→	R1	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059	
		R2	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059	
GC/GF190, 191, 231, A/B/Turbo GR 230 (6x4)	1978→ 1976→1979	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
GRH230, 235, 305 TRH305, 320, 350 (26T)	1978→ 1977→	R1	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
		R2	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
GLR10M3, 160, 200	1969→1980	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049	
				2	17 747	BT/57/1	414	345	125	12,5		93049	
		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059	
GR250/260 GR305, 320, 350, A, B, Turbo	1971→1974 1974→1980	R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059	
TB191, 231 TF230 Turbo	1978→ 1977→1979	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049	
				2	17 747	BT/57/1	414	345	125	12,5		93049	
		R1	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
		R2	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	

C Series

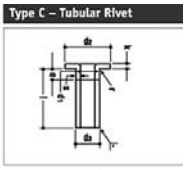
C210, 230, 260, 280, 290	03/89→	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059	
C230 TI 19	06/88→	R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059	
C280 TI 19 C300, 340ti CBH340 CCH300 CLR220, 230	 02/89→ 06/88→ 1988→ 02/89→												
C210, 260, 290	07/87→02/89	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059	
CLR220		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059	
C210, 260, 290 CLR220	1982→06/87	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049	
				2	19 199	SA/11/1	414	286	150	12,5		93049	
		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

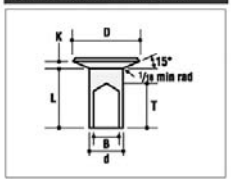
Type B – Semi-Tubular Rivet

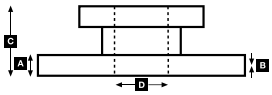


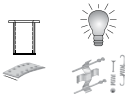
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...RENAULT TRUCKS

...C Series

C260	11/87→	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
		R1	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R2	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
C260	1982→10/87	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R1	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R2	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
C290	1986→01/89	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
		R1	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
		R2	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
C290, 300, 319	02/89→	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
CBH280, 320, 340, 350, 380, 385 (6x6)	1988→	R1	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
CLM280, 320, 340, 350, 380, 385 (6x6)		R2	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
CBH280, 340 (6x2)	1986→11/88	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
CLM280, 340 (6x2)				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R1	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
		R2	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
CBH320, 380, 385 (6x4)		F	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R1	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R2	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		

Commando

G08	1986→1990	F	**17 217 11,70 60 4**	4	17 217	GG/194/1	330	295	125	11,7	20" wheels	93684		
G09	1986→1987													
G11	1974→1990	R	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	* use/verwenden K17316.0-F3658	93683		
G11 overload	1974→1981													
G12	1981→1990													
G16 tractive unit	1986→1987													
G18	1974→1987													
G20	1981→1986													
G13	1974→1981	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7	Heavy duty	93684		
G13 8cyl	1981→1990	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
G15 8cyl														
G15	1974→1981	R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7	Heavy duty	93684		

Commando (Dodge) Series:

G11, G18	1986→1990	R	**17 316 12,70 60 4***	4	17 316	GG/153/1	394	321	127	12,7	* use/verwenden K17316.0-F3658	93683		
G12														
G13, G 15 (8 Cyl. V8 Eng.)		F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Commer Medium Range

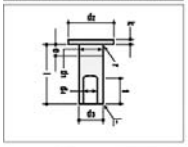
CC14, 16	1964→1967	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
CE16	1968→1973													
VB, VC 4 ton	1967→1973	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
VB, VC 5 ton 17" wheels	1967→1973	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
		R	**17 662 09,50 60 3**	2	17 662	GG/163/1	330	300	127	9,5		93684		
				2	17 663	GG/164/1	330	343	127	9,5		93684		

J Series

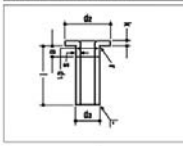
GF151	1980→	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
TF231				2	19 199	SA/11/1	414	286	150	12,5		93049		
TR280, 305	1975→	R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
JE13	1976→	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
JP/JR/JX, 19, 21 (all)	1975→													
JP21	1975→1983													
JR19 A	1977→													
JE15	1976→	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049		
TB191, 231, 281	1978→			2	17 747	BT/57/1	414	345	125	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

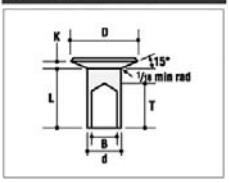
Type B – Semi-Tubular Rivet

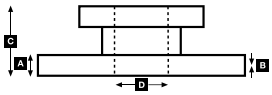


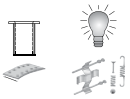
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...RENAULT TRUCKS

...J Series

JK60, 62, 65, 75	1974→	F	**17 829 10,00 60 3***	2	17 829	BT/76/1	310	245	100	10,0	* use/verwenden J1228928	93038		
				2	17 830	SA/25/1	310	209	100	10,0		93038		
		R	**17 831 10,00 60 3***	2	17 832	SA/26/1	310	245	125	10,0	* use/verwenden J1229928	93038		
				2	17 831	SA/27/1	310	209	125	10,0		93038		
JN60	1975→1983	F	**17 827 12,50 60 3***	2	17 827	SA/28/1	325	251	120	12,5	*use/verwenden J1227928			
JN75				2	17 828	SA/29/1	325	210	120	12,5				
JN80, 85	→1983	R	**19 620 12,50 60 3**	2	19 621	SA/30/1	325	251	150	12,5				
JN90, 95	1978→1983			2	19 620	SA/31/1	325	210	150	12,5				
JP13 A, B, C/citerne	1976→1983	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
JP14 BOM	1979→1983	R	**19 622 12,70 60 4**	4	19 622	LH/82/2	394	354	152	12,7				
JP19 A, B	1976→													
JR19 B														
JR21 A-T, B-T, C-T	1977→													
JX21 A-T, B-T, C-T	1979→													

K/500 Series

K400	1967→1969	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
K500 17" wheels	1967→1969	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
		R	**17 662 09,50 60 3**	2	17 662	GG/163/1	330	300	127	9,5		93684		
				2	17 663	GG/164/1	330	343	127	9,5		93684		
K1000	1966→1967	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
K1100														
K2011	1976→1980													
K2211	1976→1986													
K2413														
KP700	1968→1975													
KP900	1966→1967													
KP950	1968→1975													
KR900	1966→1967													
KT900														
LP850	1968→1975													
KN800 (D407)	1966→1968	R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7	air/hydraulic system	93684		

Karrier

Gamecock 4/5 ton	1967→1976	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
		R	**17 662 09,50 60 3**	2	17 662	GG/163/1	330	300	127	9,5	17" wheels	93684		
				2	17 663	GG/164/1	330	343	127	9,5		93684		

Kerax

260, 300, 340, 385	1997→	F	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		

Magnum DXi Series

440.18/24/26, 480.18/24/26 series	10/04→04/06	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29	Meritor Elsa225-3		UAI169	
440.18/24/26, 480.18/24/26 series	10/04→04/06	R	**29 177 29,00 41 4**	4	29 177	FCV4170B		210	02.6	29	Meritor VGT195 - LIFT AXLE			

Magnum E.Tech

E.Tech 400 - 440- 480	05/00→	F	**29 156 30,00 41 4**	4	29 156	FCV1653BFE	434	250	118	30			UAI163	**BCR244A**
		R	**29 156 30,00 41 4**	4	29 156	FCV1653BFE	434	250	118	30			UAI163	**BCR245A**

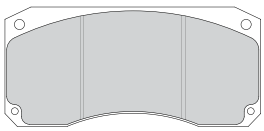
Magnum/AE Series

AE380, 385ti, 390, 500, 520, 560 - 4x2, 6x2, 6x4	→12/92	F	**29 043 24,00 40 4**	4	29 043	FCV769	440	204	97	24			UAI109/UAI111	**BCR128A**
AE380, 385ti, 390, 420ti, 430, 470, 500, 520, 560 - 4x2, 6x2, 6x4	01/93→06/95	F	**29 210 28,00 41 4**	4	29 210	FCV1585BFE	434	250	118	28			UAI101	**BCR244A**
	07/95→	F	**29 090 28,00 41 4**	4	29 090	FCV1047B	438	250	114	28	→05/00		UAI116	**BCR134A**
			29 210 28,00 41 4	4	29 210	FCV1585BFE	434	250	118	28	06/00→		UAI117	**BCR244A**
AE380, 385ti, 390, 420ti, 430, 470, 500, 520, 560 - 4x2, 6x2, 6x4	06/00→	F	**29 156 30,00 41 4**	4	29 156	FCV1653BFE	434	250	118	30			UAI163	**BCR244A**

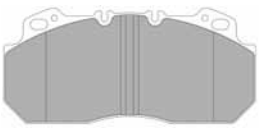
Magnum/AE Series

AE500, 520, 560	→12/92	R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
AE420ti, 430, 470 AE500, 520, 560	01/93→12/95	R	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		

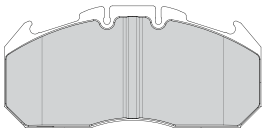
29 043 24,00 40 4
1720 MER D2



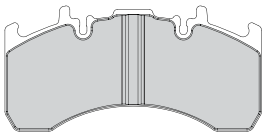
29 090 28,00 41 4
4572 MER D-LISA



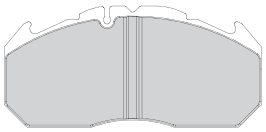
29 156 30,00 41 4
4572 MER D-ELSA 2



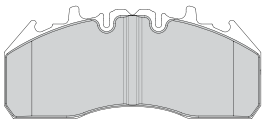
29 177 29,00 41 4
4572 MER VGT195



29 210 28,00 41 4
4572 MER D3/D-ELSA 1

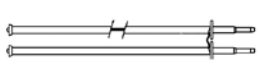


29 218 29,00 41 4
4567 MER Elsa225-3 (ex-PNG)

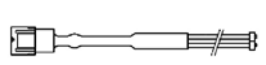


UAI101 ↔ 365mm
2

UAI109 ↔ 420mm
2

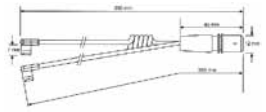


UAI111 ↔ 580mm
2

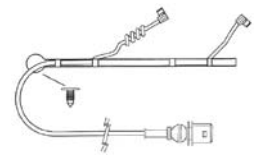


UAI116 ↔ 226mm
2

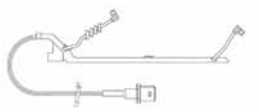
UAI117 ↔ 400mm
2



UAI163 ↔ 355mm
2



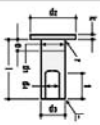
UAI169 ↔ 355mm
2



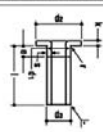
		∅	A	B	C	D		Kg	
BCR128A		440	44.4	39.0	100	131	10x17,2 2xM14	29.0	
BCR134A		438	45.0	35.0	96.4	131	10x17,1 2xM14	31.3	
BCR244A		434	45.0	38.0	97	131	10x17 2xM14	33.0	
BCR245A		434	45.0	38.0	160	224	12xM14	47.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

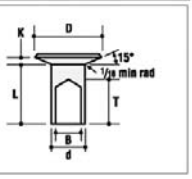
Type B – Semi-Tubular Rivet

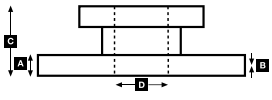


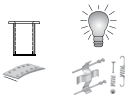
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...RENAULT TRUCKS

...Magnum/AE Series

AE500, 520, 560 (6x2)	→12/92	R1	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	▶17,8	Lift axle with single wheels	93058		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	202	200	▶17,8	Lift axle with twin wheels	93058		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R2	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	▶17,8	Lift axle with single wheels	93058		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	202	200	▶17,8	Lift axle with twin wheels	93058		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5		93059		
AE420ti, 430, 470 (6x2) AE500, 520, 560 (6x2)	01/93→12/95	R1	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	▶17,8	Lift axle with single wheels	93058		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	202	200	▶17,8	Lift axle with twin wheels	93058		
		R1	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		
		R2	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	▶17,8	Lift axle with single wheels	93058		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	202	200	▶17,8	Lift axle with twin wheels	93058		
			19 187 18,50 60 8	8	19 187	RN/104/1	414	187	220	18,5		93059		
AE500, 520, 560 (6x2)	01/96→	R1	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	▶17,8	Lift axle with single wheels	93058		
		R1	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	▶17,8	Lift axle with twin wheels	93058		
			19 187 18,50 60 8	8	19 187	RN/104/1	414	187	220	18,5		93059		
		R2	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	▶17,8	Lift axle with single wheels	93058		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	202	200	▶17,8	Lift axle with twin wheels	93058		
			19 187 18,50 60 8	8	19 187	RN/104/1	414	187	220	18,5		93059		
		R1	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Single wheels	93059		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5	Twin wheels	93059		
		R2	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Single wheels	93059		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5	Twin wheels	93059		
AE420ti, 430, 470 (6x4)	01/93→12/95	R1	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Single wheels	93059		
		R1	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5	Twin wheels	93059		
		R2	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Single wheels	93059		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5	Twin wheels	93059		
AE500, 520, 560 (6x4)	01/96→	R1	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Single wheels	93059		
		R1	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5	Twin wheels	93059		
		R2	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Single wheels	93059		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5	Twin wheels	93059		
		R	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		
		R1	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Single wheels	93059		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5	Twin wheels	93059		
		R2	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Single wheels	93059		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5	Twin wheels	93059		
		R1	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Single wheels	93059		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5	Twin wheels	93059		
		R2	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Single wheels	93059		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5	Twin wheels	93059		

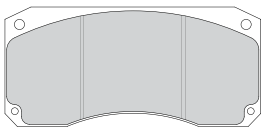
Major/R Series

R340ti, R350, R380, R385ti, R420 + TI (907493)	1990→10/93	F	**29 043 24,00 40 4**	4	29 043	FCV769	440	204	97	24			UAI109/UAI111 UAI109/UAI111	**BCR128A**
R340ti, R385ti, R420ti	11/93→	F	**29 210 28,00 41 4**	4	29 210	FCV1585BFE	434	250	118	28			UAI101→12/95 UAI117/01/96→	**BCR244A**

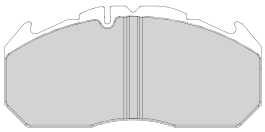
Major/R Series

R310	1980→1984	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
R360	1980→1983			2	19 199	SA/11/1	414	286	150	12,5		93049		
R370	1983→1984	R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
		R	**19 919 13,00 60 4**	4	19 919	BT/84/1	414	371	150	13,0	Opt (6x4)	93059		
R310	1985→05/90	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
R330	1989→	R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
R340	1986→1990													
R365	1987→1990													
R370	1984→													
R390	1985→													
R420ti	1990→04/93													

29 043 24,00 40 4
1720 MER D2

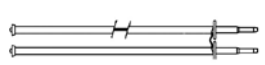


29 210 28,00 41 4
4572 MER D3/D-ELSA 1



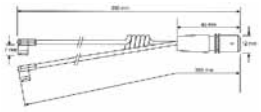
UAI101 ↔ 365mm
2

UAI109 ↔ 420mm
2



UAI111 ↔ 580mm
2

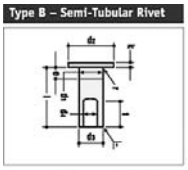
UAI117 ↔ 400mm
2



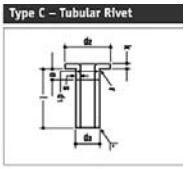
		∅	A	B	C	D		Kg	
BCR128A		440	44.4	39.0	100	131	10x17,2 2xM14	29.0	
BCR244A		434	45.0	38.0	97	131	10x17 2xM14	33.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

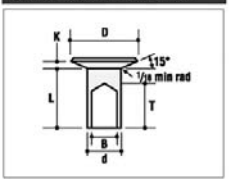
Type B – Semi-Tubular Rivet

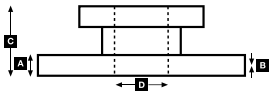


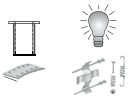
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







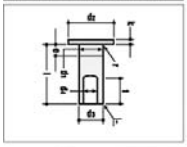
...RENAULT TRUCKS

...Major/R Series

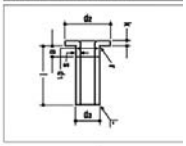
R310, 340, 365, 370, 390 (6x2)	1984→	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
R420 (6x2)	1988→	R1	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8	Lift axle with single wheels	93058		
		R1	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8	Lift axle with twin wheels	93058		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R2	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8	Lift axle with single wheels	93058		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	202	200	►17,8	Lift axle with twin wheels	93058		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5		93059		
R310.26T (6x4)	→08/84	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
R360.26T (6x4)	→1983			2	19 199	SA/11/1	414	286	150	12,5		93049		
R370.26T (6x4)	→08/84	R1	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R2	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
R310.26T (6x4)	09/84→	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
R340.26T (6x4)	1985→1988	R1	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
R365.26T (6x4)	10/87→1988	R2	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
R370.26T (6x4)	09/84→													
R390.26 (6x4)	05/85→													
R420.26 (6x4)	→1988													
R310.33T (6x4)	→08/84	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
R360.33T (6x4)	→1983			2	19 199	SA/11/1	414	286	150	12,5		93049		
R370.33T (6x4)	→08/84	R1	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
		R2	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
R310.33T (6x4)	09/84→	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
R340.26T (6x4)	1989→	R1	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
R340.33T (6x4)	1985→	R2	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
R365.26T (6x4)	1989→													
R365.33T (6x4)	1987→													
R370.33T (6x4)	09/84→													
R380 (6x4)	1990→													
R390.33 (6x4)	05/85→													
R420.26 (6x4)	1989→													
R420.33 (6x4)	1988→													
R6X4TS	1990→10/93													
R385ti	11/93→	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Opt.	93059		
		R1	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8	Lift axle with single wheels	93058		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	202	200	►17,8	Lift axle with twin wheels	93058		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R2	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8	Lift axle with single wheels	93058		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	202	200	►17,8	Lift axle with twin wheels	93058		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5		93059		
R385ti	1990→10/93													
		F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Opt.	93059		
		R1	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8	Lift axle with single wheels	93058		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	202	200	►17,8	Lift axle with twin wheels	93058		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R2	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8	Lift axle with single wheels	93058		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	202	200	►17,8	Lift axle with twin wheels	93058		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5		93059		
R380	1989→													
		F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5	Opt.	93059		
			19 935 18,50 60 8	8	19 935	RN/101/1	414	187	175	18,5	Opt.	93059		
		R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
R6X4TS	11/93→	F	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R1	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R2	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

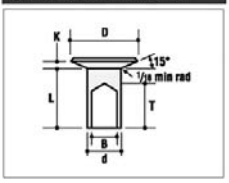
Type B – Semi-Tubular Rivet

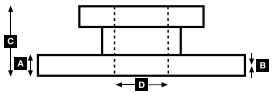


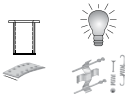
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...RENAULT TRUCKS

Manager/G Series

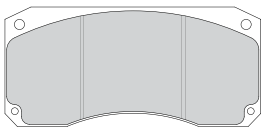
G260, 290 (6x2)	07/87→	F	**29 043 24,00 40 4**	4	29 043	FCV769	440	204	97	24			UAI109/UAI111	**BCR128A**
G200, 220, 230, 230ti, 270, 280, 300, 330,	04/90→12/92	F	**29 043 24,00 40 4**	4	29 043	FCV769	440	204	97	24			UAI109/UAI111	**BCR128A**
340ti - 17/18/19	01/93→	F	**29 210 28,00 41 4**	4	29 210	FCV1585BFE	434	250	118	28			UAI101 →12/95	**BCR244A**
													UAI117 01/96→	

Manager/G Series

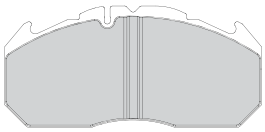
G160	1990→	F	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
G200		R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
G210 (20M)	1992→													
Maxter G230ti, 235, 270, 280	1990→													
Maxter G300, 340ti														
G170	10/88→	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
G210.15, 17T		R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
G210 BOM, 19T	03/86→													
G210.19 Turbo	04/86→													
G220.17 BOM	1992→													
G230.15, 17T	10/88→													
G230.19 T	04/86→													
G260 (11-17T)	10/88→													
G260 BOM, 19T, GT	03/86→													
G280	→03/90													
G290 (16/17T)	10/88→													
G290.19GT	03/86→													
G290.24 (6x2)	07/87→													
G290.26 (6x2, 6x4), Turbo Intercooler														
G290.30														
G300	→03/90													
G320 17, 19, 24, 26	1988→													
G330, 340ti	→03/90													
G170	1986→09/88	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
G170.15	1986→1988	R	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
G210.15, 17T	03/86→09/88													
G230.15, 17T, SP Turbo														
G260 (11-17T)														
G290 (16/17T)														
G170.13, 15A	→1988	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049		
G260 (11-15T) Rigid	→09/84			2	17 747	BT/57/1	414	345	125	12,5		93049		
G260 (15T) Tractor	→10/83	R	**19 919 13,00 60 4**	4	19 919	BT/84/1	414	371	150	13,0		93059		
G170.16	→1986	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
G210 (11-17T)	1983→02/86			2	19 199	SA/11/1	414	286	150	12,5		93049		
G230 (11-17T)		R	**19 919 13,00 60 4**	4	19 919	BT/84/1	414	371	150	13,0		93059		
G230.17	1983→03/86													
G260 (11-15T) Rigid	10/84→02/86													
G260 (15T) Tractor	11/83→02/86													
G260 (16/17T)	1983→02/86													
G290 (16/17T)														
G200.17/18	04/90→	F	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
G230.17		R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
G230.18														
G230.19														
G210 BOM, 19T	1983→02/86	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
G260 BOM, 19T, GT	→02/86			2	19 199	SA/11/1	414	286	150	12,5		93049		
G290.19, A, GT		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
		R	**19 919 13,00 60 4**	4	19 919	BT/84/1	414	371	150	13,0	Opt (6x4)	93059		
G220.19 BOM	1992→	F	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
G230.19 T	1983→02/86	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
			19 919 13,00 60 4	4	19 919	BT/84/1	414	371	150	13,0	6x4	93059		

BERAL®

29 043 24,00 40 4
1720 MER D2

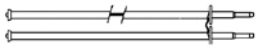


29 210 28,00 41 4
4572 MER D3/D-ELSA 1



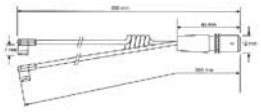
UAI101 ↔ 365mm
2

UAI109 ↔ 420mm
2



UAI111 ↔ 580mm
2

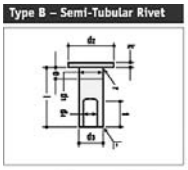
UAI117 ↔ 400mm
2



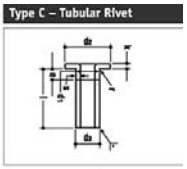
		∅	A	B	C	D		Kg	
BCR128A		440	44.4	39.0	100	131	10x17,2 2xM14	29.0	
BCR244A		434	45.0	38.0	97	131	10x17 2xM14	33.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

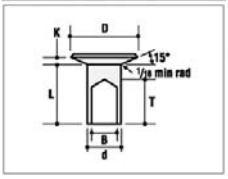
Type B – Semi-Tubular Rivet

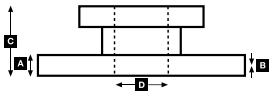


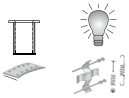
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...RENAULT TRUCKS

...Manager/G Series

G230ti G270 G280 G300 G330, 340ti	04/90→12/92 →12/92 04/90→12/92	F R	**19 935 18,50 60 8**	8 8	19 935 19 935	RN/101/1 RN/101/1	414 414	187 187	175 175	18,5 18,5	Opt.	93059 93059		
G230ti G270 G280 G300 G330, 340ti	01/93→	F R	**19 935 18,50 60 8** **19 935 18,50 60 8**	8 8	19 935 19 935	RN/101/1 RN/101/1	414 414	187 187	175 175	18,5 18,5	Opt.	93059 93059		
G260, 290 (6x2)	07/87→	R1 R1 R2 	**19 032 17,80 00 8** **19 094 17,80 00 8** **19 935 18,50 60 8** **19 032 17,80 00 8** **19 094 17,80 00 8** **19 935 18,50 60 8**	8 8 8 8 8 8	19 032 19 094 19 935 19 032 19 094 19 935	BC/98/1 BC/97/1 RN/101/1 BC/98/1 BC/97/1 RN/101/1	420 420 414 420 420 414	205 202 187 205 202 187	180 200 175 180 200 175	►17,8 ►17,8 18,5 ►17,8 ►17,8 18,5	Lift axle with single wheels Lift axle with twin wheels Lift axle with single wheels Lift axle with twin wheels 	93058 93058 93059 93058 93058 93059		
G260, 290 (6x4)	03/86→12/88	F R1 R2	**19 934 18,50 60 8** **19 934 18,50 60 8** **19 934 18,50 60 8**	8 8 8	19 934 19 934 19 934	RN/100/1 RN/100/1 RN/100/1	414 414 414	187 187 187	150 150 150	18,5 18,5 18,5		93059 93059 93059		
G260, 290 (6x4)	1983→02/86	F R1 R2	**19 049 12,50 60 3*** **19 919 13,00 60 4** **19 919 13,00 60 4**	2 2 4 4	19 049 19 199 19 919 19 919	SA/10/1 SA/11/1 BT/84/1 BT/84/1	414 414 414 414	347 286 371 371	150 150 150 150	12,5 12,5 13,0 13,0	* use/verwenden J1296928 	93049 93049 93059 93059		
G280, 300, 330, 340ti	01/93→	F R1 R2 	**19 935 18,50 60 8** **19 032 17,80 00 8** **19 094 17,80 00 8** **19 935 18,50 60 8** **19 032 17,80 00 8** **19 094 17,80 00 8** **19 935 18,50 60 8**	8 8 8 8 8 8 8	19 935 19 032 19 094 19 935 19 032 19 094 19 935	RN/101/1 BC/98/1 BC/97/1 RN/101/1 BC/98/1 BC/97/1 RN/101/1	414 420 420 414 420 420 414	187 205 202 187 205 202 187	175 180 200 175 180 200 175	18,5 ►17,8 ►17,8 18,5 ►17,8 ►17,8 18,5	Opt. Lift axle with single wheels Lift axle with twin wheels Lift axle with single wheels Lift axle with twin wheels 	93059 93058 93058 93059 93058 93058 93059		
G280, 300, 330, 340ti	04/90→12/92	F R1 R2 	**19 935 18,50 60 8** **19 032 17,80 00 8** **19 094 17,80 00 8** **19 935 18,50 60 8** **19 032 17,80 00 8** **19 094 17,80 00 8** **19 935 18,50 60 8**	8 8 8 8 8 8 8	19 935 19 032 19 094 19 935 19 032 19 094 19 935	RN/101/1 BC/98/1 BC/97/1 RN/101/1 BC/98/1 BC/97/1 RN/101/1	414 420 420 414 420 420 414	187 205 202 187 205 202 187	175 180 200 175 180 200 175	18,5 ►17,8 ►17,8 18,5 ►17,8 ►17,8 18,5	Opt. Lift axle with single wheels Lift axle with twin wheels Lift axle with single wheels Lift axle with twin wheels 	93059 93058 93058 93059 93058 93058 93059		
G290	01/89→	F R1 R2	**19 934 18,50 60 8** **19 935 18,50 60 8** **19 935 18,50 60 8**	8 8 8	19 934 19 935 19 935	RN/100/1 RN/101/1 RN/101/1	414 414 414	187 187 187	150 175 175	18,5 18,5 18,5		93059 93059 93059		
G320 (6x2)	1988→	F R1 R2 	**19 934 18,50 60 8** **19 032 17,80 00 8** **19 094 17,80 00 8** **19 935 18,50 60 8** **19 032 17,80 00 8** **19 935 18,50 60 8**	8 8 8 8 8 8	19 934 19 032 19 094 19 935 19 032 19 935	RN/100/1 BC/98/1 BC/97/1 RN/101/1 BC/98/1 RN/101/1	414 420 420 414 420 414	187 205 202 187 205 187	150 180 200 175 180 175	18,5 ►17,8 ►17,8 18,5 ►17,8 18,5	 Lift axle with single wheels Lift axle with twin wheels Lift axle with single wheels 	93059 93058 93058 93059 93058 93059		

Midliner/C Series

10 - 13 to (40C)	06/00→	F R	**29 097 20,50 41 5***	4 4	29 097 29 097	FCV1046 FCV1046	354 354	180 180	86 86	21 21	* use/verwenden FCV1046 * use/verwenden FCV1046			**BCR126A** **BCR126A**

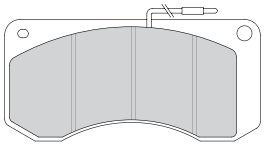
Midliner/M Series

M 120/140/150/160/180/200/ 210/ 230 .12/13, PA / M 120/140/ 160/180kW	1989→12/94 01/95→	F F	**29 013 21,50 41 5*** **29 097 20,50 41 5***	4 4	29 013 29 097	FCV668 FCV1046	354 354	183 180	87 86	21 21	* use/verwenden FCV668 →12/97 * use/verwenden FCV1046			**BCR126A** **BCR126A**

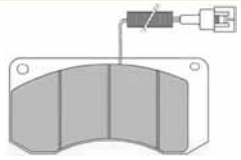
Midliner/M Series

M120/140.12, 13 M150.12, 13	1989→12/94 1990→12/94	R	**19 255 17,50 60 3**	2 2	19 255 19 259	RN/102/1 RN/103/1	360 360	256 349	170 170	►17,5 ►17,5		93234 93059		
M150.12, 13	01/95→	R	**19 255 17,50 60 3**	2 2	19 255 19 259	RN/102/1 RN/103/1	360 360	256 349	170 170	►17,5 ►17,5		93059 93059		

29 013 21,50 41 5*
1708 S.E.E. 2 x 67



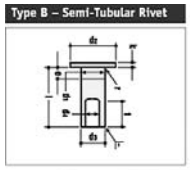
29 097 20,50 41 5*
1718 S.E.E. 2 x 67



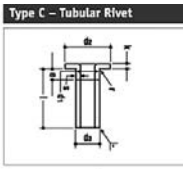
		∅	A	B	C	D		Kg	
BCR126A		354	30.0	26.0	82	128	10x12,4	14.2	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93234	9.5	05x12	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

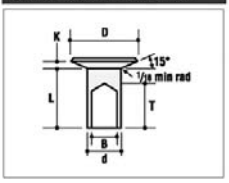
Type B – Semi-Tubular Rivet

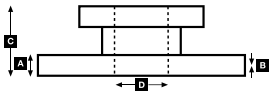


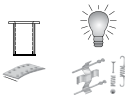
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...RENAULT TRUCKS

...Midliner/M Series

M150.14	1989→	F	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
M160.15		R	**19 934 18,50 60 8**	8	19 934	RN/100/1	414	187	150	18,5		93059		
M180.15, 16			**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5	Opt.	93059		
M200.15, 16														
M210.14, 15, 16														
M230.15, 16														
M250.15, 16	1996→													
PA160/180 Maroc (15/16T)	1989→													
M180.12, 13	1990→12/94	R	**19 255 17,50 60 3**	2	19 255	RN/102/1	360	256	170	►17,5		93059		
M200.12, 13				2	19 259	RN/103/1	360	349	170	►17,5		93059		
M210.13	1989→12/94													
M230.13														
PA160/180 Maroc	1991→12/94													
M230.12, 13	01/95→	R	**19 255 17,50 60 3**	2	19 255	RN/102/1	360	256	170	►17,5		93059		
M250.12, 13	1996→			2	19 259	RN/103/1	360	349	170	►17,5		93059		

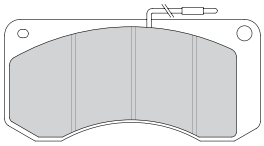
Midliner/S Series

S12, S13	1987→1990	F	**29 013 21,50 41 5***	4	29 013	FCV668	354	183	87	21	*use/verwenden FCV668			**BCR126A**
S130.11/BOM, S130 13.14, S150 .11/13/14	→04/86	F	**29 013 21,50 41 5***	4	29 013	FCV668	354	183	87	21	*use/verwenden FCV668			**BCR126A**
S130/150 .13/14, S150/170 .11/13	05/86→	F	**29 013 21,50 41 5***	4	29 013	FCV668	354	183	87	21	*use/verwenden FCV668			**BCR126A**
S130 .11/13/14, 150 .11/13/14 ti, S170 .11/13			**29 097 20,50 41 5***	4	29 097	FCV1046	354	180	86	21	* use/verwenden FCV1046			**BCR126A**
S 120/135/140/150/180/ 210 .07/	1990→	F	**29 065 22,00 40 4**	4	29 065	FCV879	304	175	86	22			UAI100	**BCR174A**
08A (40K) 82-88kW														
S 120/135/140/160/180 .09/10B (40N) 88kW			**29 067 22,00 40 4**	4	29 067	FCV733	322	176	79	22			UAI100	**BCR175A**
S 160.06/08 (40K) 88kW			**29 065 22,00 40 4**	4	29 065	FCV879	304	175	86	22				**BCR174A**
S 150/210 .09/B, 10/B 88kW	1993→	F	**29 067 22,00 40 4**	4	29 067	FCV733	322	176	79	22				**BCR175A**

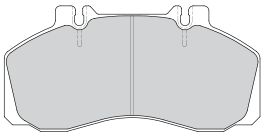
Midliner/S Series

S08.130, 150	1987→1990	F	**17 827 12,50 60 3***	2	17 827	SA/28/1	325	251	120	12,5	*use/verwenden J1227928			
S90 all 66kW /90PS	05/83→04/87			2	17 828	SA/29/1	325	210	120	12,5				
S100.09 (all) 73kW /100PS	07/86→	R	**19 620 12,50 60 3**	2	19 621	SA/30/1	325	251	150	12,5				
S130.08A, 08A/R, 08B, 08R 96kW /130PS	05/83→			2	19 620	SA/31/1	325	210	150	12,5				
S130.09A, 09/A, 09R 96kW /130PS	10/86→													
S150.08, 09 TI A/R 110kW /150PS	1985→													
S12, 13	1987→1990	R	**19 255 17,50 60 3**	2	19 255	RN/102/1	360	256	170	►17,5		93234		
				2	19 259	RN/103/1	360	349	170	►17,5		93059		
S100.06, 07, 08	03/86→	F	**17 829 10,00 60 3***	2	17 829	BT/76/1	310	245	100	10,0	* use/verwenden J1228928	93038		
S110.06, 07, 08				2	17 830	SA/25/1	310	209	100	10,0		93038		
S130.06, 07, 08	09/87→	R	**17 831 10,00 60 3***	2	17 832	SA/26/1	310	245	125	10,0	* use/verwenden J1229928	93038		
				2	17 831	SA/27/1	310	209	125	10,0		93038		
S120.07, 08 (40K)	1990→	F	**17 829 10,00 60 3***	2	17 829	BT/76/1	310	245	100	10,0	Opt./* use/verwenden J1228928	93038		
				2	17 830	SA/25/1	310	209	100	10,0		93038		
		R	**17 829 10,00 60 3***	2	17 832	SA/26/1	310	245	125	10,0	Opt./* use/verwenden J1229928	93038		
				2	17 831	SA/27/1	310	209	125	10,0	Opt.	93038		
S120.09 (40N)	1990→	F	**17 827 12,50 60 3***	2	17 827	SA/28/1	325	251	120	12,5	Opt./* use/verwenden J1227928			
				2	17 828	SA/29/1	325	210	120	12,5				
		R	**19 620 12,50 60 3**	2	19 621	SA/30/1	325	251	150	12,5	Opt.			
				2	19 620	SA/31/1	325	210	150	12,5				
S150.11ti	05/86→	R	**19 255 17,50 60 3**	2	19 255	RN/102/1	360	256	170	►17,5		93059		
S150.13ti, Citerne, BOM, 14ti				2	19 259	RN/103/1	360	349	170	►17,5		93059		
S170.11, 13, 14, 14BOM	1988→	R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	Opt 7/83>/* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
S140.07, 08 (40K)	1990→	F	**17 829 10,00 60 3***	2	17 829	BT/76/1	310	245	100	10,0	Opt./* use/verwenden J1228928	93038		
S160.06, 07, 08 (40K)				2	17 830	SA/25/1	310	209	100	10,0		93038		
		R	**17 829 10,00 60 3***	2	17 832	SA/26/1	310	245	125	10,0	Opt./* use/verwenden J1229928	93038		
				2	17 831	SA/27/1	310	209	125	10,0		93038		
S160.09 (40N)	1990→	F	**17 827 12,50 60 3***	2	17 827	SA/28/1	325	251	120	12,5	Opt./* use/verwenden J1227928			
				2	17 828	SA/29/1	325	210	120	12,5				
		R	**19 620 12,50 60 3**	2	19 621	SA/30/1	325	251	150	12,5	Opt.			
				2	19 620	SA/31/1	325	210	150	12,5				

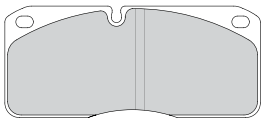
29 013 21,50 41 5*
1708 S.E.E. 2 x 67



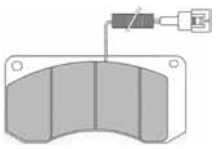
29 065 22,00 40 4
1721 MER 2x60



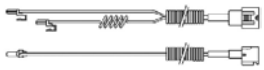
29 067 22,00 40 4
3475 MER 2x68



29 097 20,50 41 5*
1718 S.E.E. 2 x 67



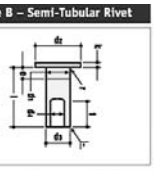
UAI100 ↔ 885mm
2



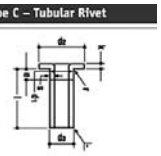
		∅	A	B	C	D		Kg	
BCR126A		354	30.0	26.0	82	128	10x12,4	14.2	
BCR174A		304	30.0	27.8	134.5	250	6x21	15.0	
BCR175A		322	30.0	27.8	140	290	6x21	18.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93234	9.5	05x12	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

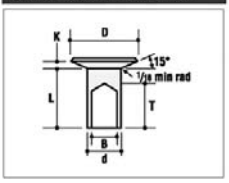
Type B – Semi-Tubular Rivet

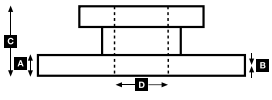


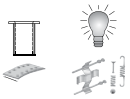
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...RENAULT TRUCKS

...Midliner/S Series

S170 (SH), 14BOM (SP) TI		F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049		
S220ti				2	17 747	BT/57/1	414	345	125	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Midlum Series

135; 150; 180; 210; 220; - 7, 8 , 9, 10,	03/00→	F	**29 088 26,00 40 4**	4	29 088	FCV1279	330	176	83	26			UAI151	**BCR218A**
12B/C (17.5" wheel size) 100-195kW		R	**29 088 26,00 40 4**	4	29 088	FCV1279	330	176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS), with ABS Disc		UAI151/UAC173	**BCR219A**
210; 220; 250 ;270; - 12, 14, 16,	03/01→	F	**29 142 30,00 40 4**	4	29 142	FCV1389	380	204.6	99.6	30	UAC168 (SPRINGS)/ UAC170 (FORKS)		UAI166/UAC168	**BCR185A**
18 (19.5" wheel size) 154-195kW							375				Opt			**BCR242A**
		R	**29 142 30,00 40 4**	4	29 142	FCV1389	375	204.6	99.6	30	UAC168 (SPRINGS)/ UAC170 (FORKS)		UAI166/UAC168	**BCR220A**
							375				Opt		UAI166	**BCR243A**

New Magnum DXi Series

460.18/24/25/26, 500.18/24/25/26 series	05/06→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29	Meritor Elsa225-3		UAI169	
		R	**29 177 29,00 41 4**	4	29 177	FCV4170B		210	102.6	29	Meritor VGT195 - LIFT AXLE		UAI169	

New Midlum Series

160.12, 190.12/13/14/16, 220.12/13/14/16,	05/06→	F	**29 203 29,00 41 4**	4	29 203	FCV4377B		216	99.6	29	19.5" wheel size		UAI169	**BCR242A**
240.12/13/14/16/18, 280.12/13/14/16/		R	**29 203 29,00 41 4**	4	29 203	FCV4377B		216	99.6	29	19.5" wheel size		UAI169	**BCR243A**
18 series fitted with Meritor Elsa225-1 caliper														

New Midlum Series Dxi

160.12, 190.10, 220.10	05/06→	F	**29 207 30,00 41 4**	4	29 207	FCV1815BFE		210	92	30			UAI175	
		R	**29 207 30,00 41 4**	4	29 207	FCV1815BFE		210	92	30			UAI175	

Premium 2 (Distribution/Route)

Distribution 280.18/26, 320.18/26, 370.18/26,	10/05→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29	22.5" wheel size, Elsa225-3 caliper		UAI169	
410.18/26, 450.18, Route 410.18/24/25/26,		R	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29	22.5" wheel size, Elsa225-3 caliper		UAI169	
410.25/26 Pusher, 450.18/24/25/26, 450.25/26			**29 177 29,00 41 4**	4	29 177	FCV4170B		210	102.6	29	Meritor VGT195 - LIFT AXLE		UAI169	

Premium Distribution

210.16, 210.18D, 250.16, 250.18D, 250.19,	04/96→06/98	F	**29 210 28,00 41 4**	4	29 210	FCV1585BFE	434	250	118	28	→06/98		UAI117	**BCR244A**
260.16, 260.18, 260.19, 300.16D, 300.16T,	07/98→07/00	F	**29 090 28,00 41 4**	4	29 090	FCV1047B	438	250	114	28	07/98→07/00		UAI116	**BCR134A**
300.18D, 300.18D/T, 300.19, 300.19D/T,	08/00→	F	**29 156 30,00 41 4**	4	29 156	FCV1653BFE	434	250	118	30	08/00→		UAI163	**BCR244A**
300.26D, 340.18D, 340.18D/T, 340.19D,	04/96→06/98	R	**29 210 28,00 41 4**	4	29 210	FCV1585BFE	434	250	118	28	→06/98		UAI117	**BCR245A**
340.19D/T, 340.26D, 385.18, 385.19, 385.24,	07/98→07/00	R	**29 090 28,00 41 4**	4	29 090	FCV1047B	438	250	114	28	07/98→07/00		UAI116	**BCR134A**
385.26D/T, 400.18, 400.19, 400.24, 400.26D/T	08/00→	R	**29 156 30,00 41 4**	4	29 156	FCV1653BFE	434	250	118	30	08/00→		UAI163	**BCR245A**

Premium Route

300 .18/T, 320.18, 340 .18/T, 340.26,	04/96→06/98	F	**29 210 28,00 41 4**	4	29 210	FCV1585BFE	434	250	118	28	→06/98		UAI117	**BCR244A**
370 .18/24/26, 385 .18/24-T, 385.26,	07/98→07/00	F	**29 090 28,00 41 4**	4	29 090	FCV1047B	438	250	114	28	07/98→07/00		UAI116	**BCR134A**
400 .18/24-T, 400.26, 420 .18/T, 420 .24/25/26	08/00→	F	**29 156 30,00 41 4**	4	29 156	FCV1653BFE	434	250	118	30	08/00→		UAI163	**BCR244A**
	04/96→06/98	R	**29 210 28,00 41 4**	4	29 210	FCV1585BFE	434	250	118	28			UAI117	**BCR245A**
	07/98→07/00	R	**29 090 28,00 41 4**	4	29 090	FCV1047B	438	250	114	28			UAI116	**BCR134A**
	08/00→	R	**29 156 30,00 41 4**	4	29 156	FCV1653BFE	434	250	118	30			UAI163	**BCR245A**

Premium:

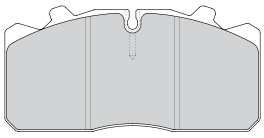
210 250 260 300 340 385	1996→7/00	R	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		

Saviem

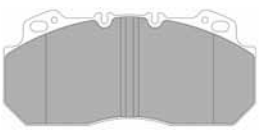
HB15, B	1978→1980	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049		
HB26BT, T				2	17 747	BT/57/1	414	345	125	12,5		93049		
HF15, B		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
HF26BT, CT, ET, T				2	19 199	SA/11/1	414	286	150	12,5		93049		
SM8-15	1976→1977													
HB17B, BOM, C, CIT	1978→1980	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		

BERAL®

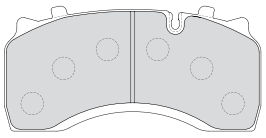
29 088 26,00 40 4
1723 WAB PAN 17



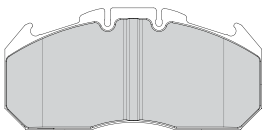
29 090 28,00 41 4
4572 MER D-LISA



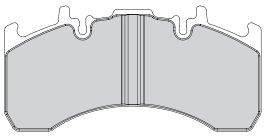
29 142 30,00 40 4
4572 WAB PAN 19-2



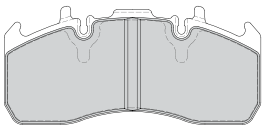
29 156 30,00 41 4
4572 MER D-ELSA 2



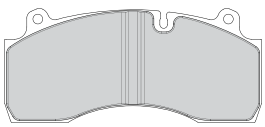
29 177 29,00 41 4
4572 MER VGT195



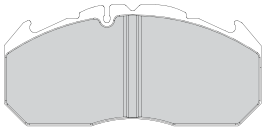
29 203 29,00 41 4
4567 MER ELSA225-1



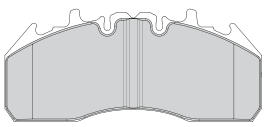
29 207 30,00 41 4
4581 HAL DB19



29 210 28,00 41 4
4572 MER D3/D-ELSA 1



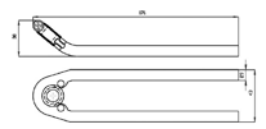
29 218 29,00 41 4
4567 MER Elsa225-3 (ex-PNG)



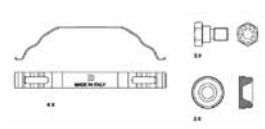
UAC168 ↔

UAC169 ↔

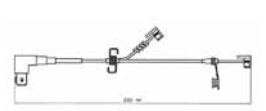
UAC170 ↔



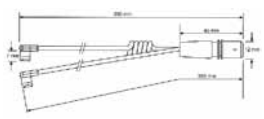
UAC173 ↔



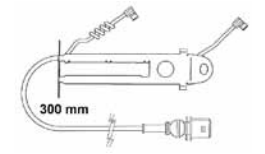
UAI116 ↔ 226mm
2



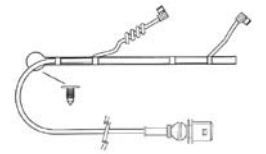
UAI117 ↔ 400mm
2



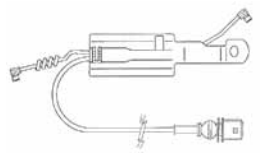
UAI151 ↔ 300mm
2



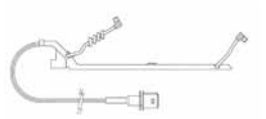
UAI163 ↔ 355mm
2



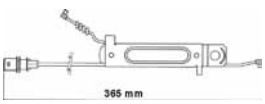
UAI166 ↔ 450mm
2



UAI169 ↔ 355mm
2



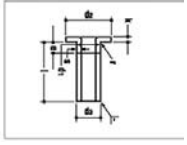
UAI175 ↔ 365mm
2

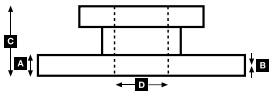


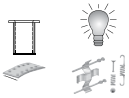
		∅	A	B	C	D		Kg		ABS
BCR134A		438	45.0	35.0	96.4	131	10x17,1 2xM14	31.3		
BCR185A		380	45.0	38.0	85	117	10x15 2xM14	22.9		
BCR218A		330	34.0	30.0	80	95	10x15 2xM12	15.0		
BCR219A		330	34.0	28.0	137	194	6x21	20.0		✓
BCR220A		375	45.0	38.0	167	222	8x22,5	30.2		✓
BCR242A		375	45.0	38.0	99	168	10x15 2xM14x2	23.8		
BCR243A		375	45.0	38.0	166	262	10x33	31.1		
BCR244A		434	45.0	38.0	97	131	10x17 2xM14	33.0		
BCR245A		434	45.0	38.0	160	224	12xM14	47.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

Type C – Tubular Rivet







...RENAULT TRUCKS

...Saviem

HF17B, C, CIT				2	19 199	SA/11/1	414	286	150	12,5		93049		
HF26		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
HB19	1978→1980	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
HF19, B				2	19 199	SA/11/1	414	286	150	12,5		93049		
PX28/30/40, T	1979→1981	R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
HF26V, 6x4	1978→1980	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R1	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R2	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
JK60, 62, 65, 75	1975→1986	F	**17 829 10,00 60 3***	2	17 829	BT/76/1	310	245	100	10,0	* use/verwenden J1228928	93038		
				2	17 830	SA/25/1	310	209	100	10,0		93038		
		R	**17 831 10,00 60 3***	2	17 832	SA/26/1	310	245	125	10,0	* use/verwenden J1229928	93038		
				2	17 831	SA/27/1	310	209	125	10,0		93038		
JN60, 75, 80, 85, 90	1975→1983	F	**17 827 12,50 60 3***	2	17 827	SA/28/1	325	251	120	12,5	*use/verwenden J1227928			
				2	17 828	SA/29/1	325	210	120	12,5				
		R	**19 620 12,50 60 3**	2	19 621	SA/30/1	325	251	150	12,5				
				2	19 620	SA/31/1	325	210	150	12,5				
JP21, 130, JR19	1975→1986	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
PR40, T, V8VT	1978→	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI205	
PS30, T, V8VT		R	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059		
SM340	1974→1979													
SM10	→1978	F	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058		
SM12, 13	→1979	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI205	
SM170, 190M, 200M														
SM240, 260, 280TU, 300														
SM21/180, 240	→1979	F	**17 238 17,00 00 8**	8	17 238	MP/30/2	410	175	143	►17,0		93058		
SM170PE	→1977	R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
SM260TPE	→1979			2	19 199	SA/11/1	414	286	150	12,5		93049		
SM8T	→1978	R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Series 50 (Dodge):

S75.110	1989→1993	F	**17 217 11,70 60 4**	4	17 217	GG/194/1	330	295	125	11,7		93684		
S75.90														

Special Vehicles

75.130 (4x4)	1981→	F	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0	Opt.	93058		
85.150, Turbo, TI (4x4)	1984→1990	R	**19 255 17,50 60 3**	2	19 255	RN/102/1	360	256	170	►17,5	Opt.	93059		
				2	19 259	RN/103/1	360	349	170	►17,5		93059		
85.150TI (4x4)	1991→	F	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		
110.150TI, 170TI (4x4)		R	**19 255 17,50 60 3**	2	19 255	RN/102/1	360	256	170	►17,5		93234		
ME/SE/CE 160 , 180 (4X4)				2	19 259	RN/103/1	360	349	170	►17,5		93059		
M180FTP		F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049		
ME/SE/CE 160 15t				2	17 747	BT/57/1	414	345	125	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
ME/SE/CE 160 , 180 13st		F	**17 804 12,70 60 4**	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
S170 (4X4)		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

SAURER

All

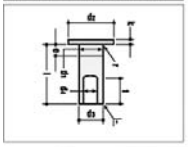
4 DF, 4 VF, 5 DF (Perrot-Bremse)	1973→	F	**17 340 10,00 60 4**	4	17 340	BC/77/1	400	329	140	10,0		93058		
		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		
D 180, D 230	1976→	F	**17 340 14,00 86 4**	4	17 340	BC/77/1	408	329	140	14,0		93067		
		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		

UAI205 ↔ 205mm

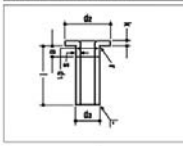
2

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93234	9.5	05x12	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

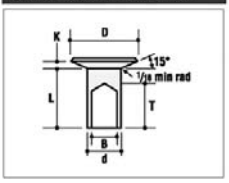
Type B – Semi-Tubular Rivet

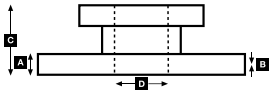


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...SAURER

...All

D 250, D 290, D 330	1976→	R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		

SCAMMELL

Contractor

All	1979→1987	R1	**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		
		R2	**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		

Handyman IV

All	1969→1980	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Routeman 3 (28 ton)

	1974→1987	F1	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		F2	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

SCANIA

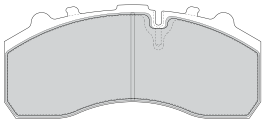
4-Series

94,114,124,144,164	1996→	F	**29 179 30,00 41 4**	4	29 179	FCV1373DFE	430	248	109	30			UAI141	**BCR170A**
		R	**29 179 30,00 41 4**	4	29 179	FCV1373DFE	430	248	109	30			UAI141	**BCR170A**

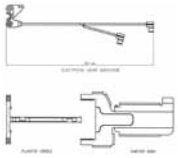
Build series 4:

94 C/310 228kW /310PS	08/96→	F	**19 931 19,00 00 4**	4	19 931	SV/40/2	413	235	178	19,0	7" brake Opt.	93280		
94 D/220 162kW /220PS			**19 932 19,00 00 4**	4	19 932	SV/41/2	413	235	203	19,0	8" brake Opt.	93280		
94 D/310 228kW /310PS	12/96→	R	**17 991 19,00 00 4**	4	17 991	SV/39/2	413	235	127	19,0	5" brake Opt.	93280		
94 G/220 162kW /220PS	08/96→	R	**19 932 19,00 00 4**	4	19 932	SV/41/2	413	235	203	19,0	8" brake Opt.	93280		
94 G/260 191kW /260PS			**19 933 19,00 00 4**	4	19 933	SV/42/2	413	235	254	19,0	10" brake Opt.	93280		
94 G/310 228kW /310PS														
94 L/310 228kW /310PS														
114 C/340 250kW /340PS	05/96→													
114 C/380 280kW /381PS	03/98→													
114 G/340 250kW /340PS	05/96→													
114 G/380 280kW /381PS	03/98→													
114 L/340 250kW /340PS	05/96→													
114 L/380 280kW /381PS	03/98→													
124 C/360 265kW /360PS	09/96→													
124 C/400 294kW /400PS														
124 G/360 265kW /360PS	05/96→													
124 G/400 294kW /400PS														
124 L/360 265kW /360PS	09/96→													
124 L/400 294kW /400PS														
124 L/420 309kW /420PS	09/97→													
144 C/460 338kW /460PS	09/96→													
144 C/530 390kW /530PS														
144 G/460 338kW /460PS	04/96→													
144 G/530 390kW /530PS														
144 L/460 338kW /460PS	11/95→													
144 L/530 390kW /530PS														
T 114 G/340 250kW /340PS	05/96→													
T 114 L/340 250kW /340PS														
T 124 G/360 265kW /360PS	03/97→													
T 124 G/400 294kW /400PS														
T 124 L/360 265kW /360PS	02/97→													
T 124 L/400 294kW /400PS														
T 144 G/460 338kW /460PS	03/97→													
T 144 G/530 390kW /530PS														
T 144 L/460 338kW /460PS														
T 144 L/530 390kW /530PS														

29 179 30,00 41 4
7083 KNR SB/SN7

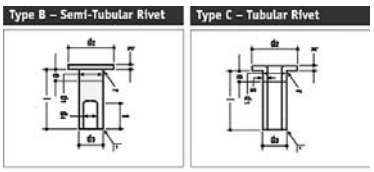


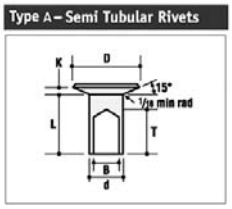
UAI141 ↔ 310mm
2

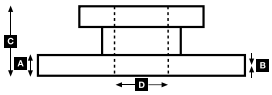


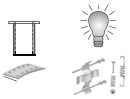
		Ø	A	B	C	D		Kg	
BCR170A		430	45.0	37.0	131	208	10xM16	29.5	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93280	12	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS









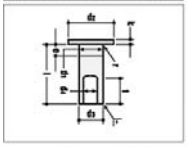
...SCANIA

G, P, R, T-Series:

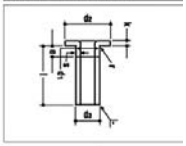
G 82 M (6x2)	1981→1988	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
P 82 M (6x2)		R	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
P 112 M (6x2)			**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0		93687		
R 112 M (6x2)														
R 142 M (6x2)														
G 82 M, MD (4x2)	1981→1988	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
G 112 M (4x2)		R	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0		93687		
P 82 M (6x4)														
P 82 M, MA (4x2)														
P 112 M (6x4)														
P 112 M, MA (4x2)														
R 112 M (6x4)														
R 112 M, MA (4x2)														
R 142 M (6x4)														
R 142 M, MA (4x2)														
T 82 M (4x2)														
T 112 H (6x4)	1980→													
T 112 M (4x2)	1981→1988													
T 142 E (6x4)	1980→													
G 92 M (6x2)	1984→1988	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
P 92 M, H (6x2)		R	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
T 92 H (6x2)			**19 647 19,00 60 8**	8	19 647	SV/34/1	413	193	254	19,0		93687		
G 92 M, MD (4x2)	1984→1988	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
P 82 H (4x2)	1981→1988	R	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0		93687		
P 92 M, MA (4x2)	1984→1988													
P 112 H (4x2)	1981→1988													
P 112 H, E (6x4)														
R 112 H, E (4x2)														
R 112 H, E (6x4)														
R 142 H (4x2)														
R 142 H, E (6x4)														
R 143 MA Intercooler	1983→													
T 82 H (4x2)	1980→													
	1981→1988													
T 112 H (4x2)	1980→													
T 112 H, E (4x2)	1981→1988													
T 112 H, E (6x4)														
T 142 E (6x4)														
T 142 H (4x2)														
G 93 E, H, M	1988→	F	**17 991 19,00 00 4**	4	17 991	SV/39/2	413	235	127	19,0	5" brake	93280		
G 113 E, H, M			**19 931 19,00 00 4**	4	19 931	SV/40/2	413	235	178	19,0	7" brake	93280		
G 143 E, H, M		R	**19 932 19,00 00 4**	4	19 932	SV/41/2	413	235	203	19,0	8" brake	93280		
P 93 E, H, M			**19 933 19,00 00 4**	4	19 933	SV/42/2	413	235	254	19,0	10" brake	93280		
P 113 E, H, M														
P 143 E, H, M														
R 93 E, H, M														
T 113 E, H, M														
R 143 E, H, M														
T 93 E, H, M														
T 143 E, H, M														
P 82 H (6x2)	1981→1988	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
P 112 H (6x2)		R	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
R 112 H (6x2)			**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0	8" Brake	93687		
R 142 H (6x2)														
T 82 H (6x2)														
T 112 H (6x2)														
T 142 H (6x2)														
P 92 (6x2, 6x4)	1985→1988	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
		R	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
			19 393 19,00 00 8	8	19 393	SV/27/1	413	193	203	19,0	8" brake	93687		
P 92 H (4x2)	1984→1988	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
T 92 H (4x2)		R	**19 647 19,00 60 8**	8	19 647	SV/34/1	413	193	254	19,0		93687		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93280	12	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

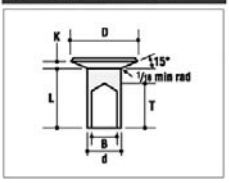
Type B – Semi-Tubular Rivet

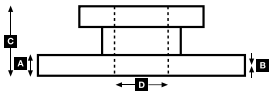


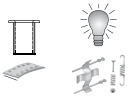
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...SCANIA

...G, P, R, T-Series:

P 92 M (8x4)	1985→1988	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
		R	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
T 82 H (6x2)	1980→	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
T 112 H (6x2)		R	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
T 142 H (6x2)			**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0		93687		
T 82 M (4x2)	1980→	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
T 112 M (4x2)		R	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		

R-Series

R 340, 380, 420,420 Euro 4, 470, 500, 580	2004→	F	**29 179 30,00 41 4**	4	29 179	FCV1373DFE	430	248	109	30			UAI141	**BCR170A**
		R	**29 179 30,00 41 4**	4	29 179	FCV1373DFE	430	248	109	30			UAI141	**BCR170A**

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200 Series

14 ton	1975→1981	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

211 Series

2.11	1986→1988	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►17,3		93049		
				4	19 877	PD/8/1	410	162	160	►16,2		93049		
		R	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►17,3		93049		
				4	19 877	PD/8/1	410	162	160	►16,2		93049		

311 Series

3.11	1986→1988	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►17,3		93049		
				4	19 877	PD/8/1	410	162	160	►16,2		93049		
3.11	1986→11/90	R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►17,3	* use/verwenden K19879.0-3537	93049		
				4	19 881	PD/4/1	410	160	200	►16,5		93049		
3.11 (6x2)	1986→01/93	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►17,3		93049		
				4	19 877	PD/8/1	410	162	160	►16,2		93049		
		R1	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►17,3	* use/verwenden K19879.0-3537	93049		
				4	19 881	PD/4/1	410	160	200	►16,5		93049		
		R2	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►17,3	* use/verwenden K19879.0-3537	93049		
				4	19 881	PD/4/1	410	160	200	►16,5		93049		

400 Series

D16G6XC	1975→1981	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

411 Series

4.11	1986→1988	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►17,3		93049		
				4	19 877	PD/8/1	410	162	160	►16,2		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►17,3	* use/verwenden K19879.0-3537	93049		
				4	19 881	PD/4/1	410	160	200	►16,5		93049		
4.11 (6x2)	1986→1991	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►17,3		93049		
				4	19 877	PD/8/1	410	162	160	►16,2		93049		
		R1	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►17,3	* use/verwenden K19879.0-3537	93049		
				4	19 881	PD/4/1	410	160	200	►16,5		93049		
		R2	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►17,3	*use/verwenden K19928.0-3537	93049		
				4	19 881	PD/4/1	410	160	200	►16,5		93049		

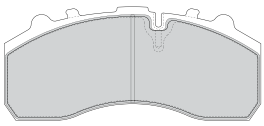
All

13/4, 18.5/4	1967→	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
18.5/4, 20/4	1973→	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
20/DD6, 22/DD6	1970→1973	R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

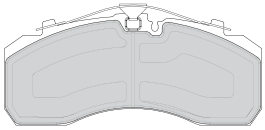
Municipal Vehicles

SB7000		F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	109	30				
T6			**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	109	30				

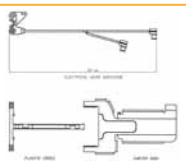
29 179 30,00 41 4
7083 KNR SB/SN7



29 253 30,00 41 4
4550 KNR SB/SN7



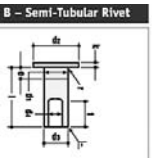
UAI141 ↔ 310mm
2



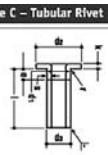
		∅	A	B	C	D		Kg	
BCR170A		430	45.0	37.0	131	208	10xM16	29.5	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

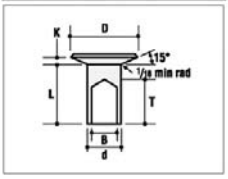
Type B – Semi-Tubular Rivet

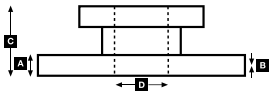


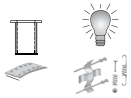
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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Municipal Vehicles

M17.P16, M17.P21 N17.P16, N17.P21	06/93→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
M25.P21 M26.P21 N23.P21	06/93→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

Pacer

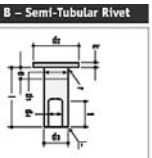
M210.C17, M210.P17 M240.C17 N210.C17, N210.P17	1994→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
M210.P25, M210.M26 M240.C25, M240.C26	1994→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
M325.L32	1994→	F1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		F2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

Stratos

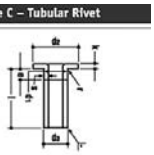
R24.26C	1990→01/93	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
TC26.27C, TC26.28L	09/90→	R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
26.275L	1994→	R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
TC32.28L, TC32.33L, TC32.33P	09/90→	F1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
32.275L	1994→													
		F2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
17.275L 17.325L	12/93→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt.	93683/ 93685		
17.340C 17.350L 17.380C 17.410C	04/94→ 05/94→ 04/94→	R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt.	93683/ 93685		
210.C17, 210.P17	1994→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

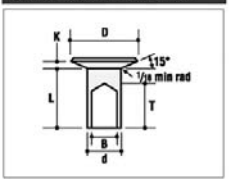
Type B – Semi-Tubular Rivet

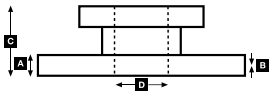


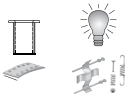
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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...Stratos

210.C21, 210.P21	1994→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R1	**19 306 16,50 60 8**	8	19 306	GG/216/1	360	173	170	►16,5		93683		
		R2	**19 306 16,50 60 8**	8	19 306	GG/216/1	360	173	170	►16,5		93683		
23.325L 23.340C 23.350L 23.380C 23.410C	02/94→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt.	93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt.	93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt.	93683/ 93685		

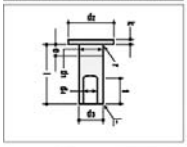
STEYR

All

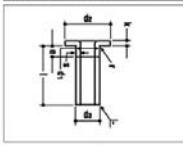
6S (Meritor-Brake)	1991→	F	**15 879 16,50 60 8**	8	15 879	GG/209/1	325	140	97	►16,5		93058		
		R	**15 879 16,50 60 8**	8	15 879	GG/209/1	325	140	97	►16,5		93058		
8S, 9S, 11S (Meritor-Brake)	1990→	F	**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	►16,2		93058		
		R	**17 988 16,20 60 8**	8	17 988	GG/210/1	325	140	150	►16,2		93058		
12M18 (4x4) (Military Vehicle)	1986→	F	**17 251 12,50 60 4**	4	17 251	SY/16/1	405	370	120	12,5		93060		
12S, 13S (4x2) (Meritor-Brakes)	1987→	F	**19 928 19,70 00 8***	8	19 928	RW/26/1	360	167	170	►19,7	*use/verwenden K19928.0-3537	93683		
		R	**19 928 19,70 00 8***	8	19 928	RW/26/1	360	167	170	►19,7	*use/verwenden K19928.0-3537	93683		
13S (4x4)	1986→	F	**17 251 12,50 60 4**	4	17 251	SY/16/1	405	370	120	12,5		93060		
		R	**17 252 11,50 60 3**	2	17 253	SY/17/1	405	423	140	11,5		93060		
				2	17 252	SY/18/1	405	321	140	11,5		93060		
14S, 15S, 16S (4x2) (for Hydraulic brakes)	1986→1989	F	**17 847 12,50 60 4**	4	17 847		405	370	240	12,5		93060		
		R	**19 134 14,00 60 5**	4	19 134	SY/19/1	420	214	160	14,0		93067		
				2	19 298		420	334	160	14,0		93067		
14S, 15S, 16S, 17S (4x2) (for Air brakes)	1990→	F	**19 922 17,40 60 8**	8	19 922		394	186	203	17,4		93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
15S (4x4), 16S (4x4) (for Hydraulic brakes)	1990→	F	**17 847 12,50 60 4**	4	17 847		405	370	240	12,5		93060		
		R	**19 134 14,00 60 5**	4	19 134	SY/19/1	420	214	160	14,0		93067		
				2	19 298		420	334	160	14,0		93067		
19 S - 42 S	1986→1993	F	**19 245 15,00 60 6**	4	19 245	SY/23/1	420	186	160	15,0		93067		
				4	19 782	SY/31/1	420	136	160	15,0		93067		
		R	**19 246 15,00 00 8**	8	19 246	SY/24/1	420	186	185	15,0		93067		
19 S - 42 S (excl 4WD)	1994→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059		
		R	**19 246 15,00 00 8**	8	19 246	SY/24/1	420	186	185	15,0		93067		
19 S - 42 S 4WD	1986→	F	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		
		R	**19 246 15,00 00 8**	8	19 246	SY/24/1	420	186	185	15,0		93067		
19 S - 42 S Tractor unit for Eaton/MAN rear axle	1994→	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0		93059		
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059		
19 S - 42 S Tractor unit for Hypoid axle	1986→1993	F	**19 245 15,00 60 6**	4	19 245	SY/23/1	420	186	160	15,0		93067		
				4	19 782	SY/31/1	420	136	160	15,0		93067		
		F	**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
991, 1291, 1491, 1891	1978→1985	F	**19 245 15,00 60 6**	4	19 245	SY/23/1	420	186	160	15,0		93067		
				4	19 782	SY/31/1	420	136	160	15,0		93067		
		R	**19 246 15,00 00 8**	8	19 246	SY/24/1	420	186	185	15,0		93067		
991, 1291, 1491, 1891 Allrad	1978→1985	F	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		
		R	**19 246 15,00 00 8**	8	19 246	SY/24/1	420	186	185	15,0		93067		
9S, 10S, 11S (Perrot-Brake)	1986→1989	R	**19 821 12,00 60 3**	2	19 822	SY/33/1	325	249	160	12,0		93049		
				2	19 821	SY/34/1	325	288	160	12,0		93049		
Trailing axle (6x2): 6 to		R	**17 377 18,00 00 8**	8	17 377	BC/78/1	420	204	120	►18,0		93058		
Leading axle (6x2)		R	**19 245 15,00 60 8**	8	19 245	SY/23/1	420	186	160	15,0		93067		
Second Rear axle (6x4)		R	**19 246 15,00 00 8**	8	19 246	SY/24/1	420	186	185	15,0		93067		
Trailing axle (6x2): 8 to:		R	**19 032 17,50 00 8**	8	19 032		420	203	180	►17,5		93251		
Trailing axle (6x2): 10 to:		R	**19 094 17,50 00 8**	8	19 094		420	203	200	►17,5		93251		
			17 456 18,00 00 8	8	17 456	BC/109/1	420	201	140	►18,0	Opt.	93059		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

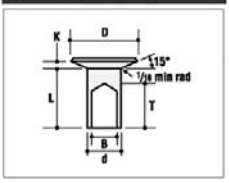
Type B – Semi-Tubular Rivet

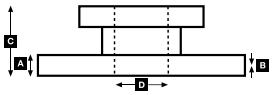


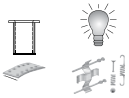
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







TAM

All

TAM 170		F	**17 340 10,00 60 4**	4	17 340	BC/77/1	400	329	140	10,0		93058		
TAM 170/190 A 11		F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**17 269 12,00 60 3**	2	17 269	BC/32/1	400	320	140	12,0		93058		
				4	17 336	BC/33/1	400	320	140	12,0		93058		
		R1	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	Opt.	93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
		R2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
TAM 260 A 119T		F	**19 786 17,90 00 8**	8	19 786	PB/34/1	410	202	200	►18,0		93068		
		R	**19 641 18,00 00 8**	8	19 641	BC/118/1	434	208	220	►18,0		93068		
TAM 260/T22		F	**19 643 13,75 00 8**	8	19 643	BC/115/1	409	215	160	13,75		93068		
		R	**19 642 13,75 00 6**	4	19 642	BC/114/1	409	165	160	13,75		93068		
				4	19 643	BC/115/1	409	215	160	13,75		93068		

TATRA

JAMAL

410 x 200 mm	2000→	F	**19 263 19,80 60 5**	2	19 343	PB/24/2	410	201	200	►19,8		93060		
				6	19 263	PB/24/1	410	201	200	►19,8		93060		
		R	**19 263 19,80 60 5**	2	19 343	PB/24/2	410	201	200	►19,8		93060		
				6	19 263	PB/24/1	410	201	200	►19,8		93060		
410 x 180 mm	2000→	F	**19 262 19,80 60 5**	6	19 262	PB/25/1	410	201	180	►19,8		93060		
				2	19 342	PB/25/2	410	201	180	►19,8		93060		
		R	**19 262 19,80 60 5**	6	19 262	PB/25/1	410	201	180	►19,8		93060		
				2	19 342	PB/25/2	410	201	180	►19,8		93060		
420 x 160 mm	2000→	F	**19 648 16,00 00 8**	8	19 648		420	186	160	16,0		93058		
		R	**19 648 16,00 00 8**	8	19 648		420	186	160	16,0		93058		

T815, T815-2

420 x 160 mm	1982→1998	F	**19 648 16,00 00 8**	8	19 648		420	186	160	16,0		93058		
		R	**19 648 16,00 00 8**	8	19 648		420	186	160	16,0		93058		

T815-2 E1 & E2

410 x 180 mm	1995→	F	**19 262 19,80 60 5**	6	19 262	PB/25/1	410	201	180	►19,8		93060		
				2	19 342	PB/25/2	410	201	180	►19,8		93060		
		R	**19 262 19,80 60 5**	6	19 262	PB/25/1	410	201	180	►19,8		93060		
				2	19 342	PB/25/2	410	201	180	►19,8		93060		
410 x 200 mm	1995→	F	**19 263 19,80 60 5**	2	19 343	PB/24/2	410	201	200	►19,8		93060		
				6	19 263	PB/24/1	410	201	200	►19,8		93060		
		R	**19 263 19,80 60 5**	2	19 343	PB/24/2	410	201	200	►19,8		93060		
				6	19 263	PB/24/1	410	201	200	►19,8		93060		
420 x 160 mm		F	**19 648 16,00 00 8**	8	19 648		420	186	160	16,0		93058		
		R	**19 648 16,00 00 8**	8	19 648		420	186	160	16,0		93058		

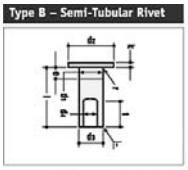
VOLVO

F 12 / F16-Series:

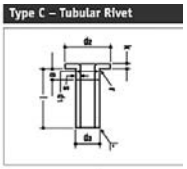
F 12/F 16 6x4 (24 to)	01/87→12/94	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake, 6,5 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	7.5/8.0 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

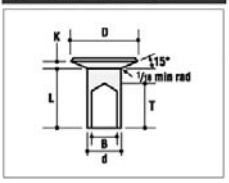
Type B – Semi-Tubular Rivet

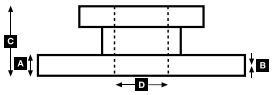


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...VOLVO

...F 12 / F16-Series:

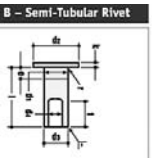
F 12/F 16 4x2 (17-18 to)	01/87→12/94	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake,6,5 axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	7.5/8.0 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
F 12/F 16 6x2 (24-25 to)	01/87→12/94	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake,6,5 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	7.5/8.0 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
			17 992 18,30 60 8	8	17 992	VL/85/1	410	176	125	►18,3	Auxiliary axle (L8=5mm Platform, L10=8mm Platform)	93683/ 93685		
			19 941 18,30 60 8	8	19 941	VL/86/1	410	176	150	►18,3	Opt. Auxiliary axle (96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685		
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	TD 121 G, SR 62 (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
F 12/F 16 8x2	1986→	F	**19 941 18,30 60 8**	8	19 941	VL/86/1	410	176	150	►18,3	Z-Cam-Brake,13 to axle load (96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685		
		F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	15 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	15 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
			17 992 18,30 60 8	8	17 992	VL/85/1	410	176	125	►18,3	Auxiliary axle (L8=5mm Platform, L10=8mm Platform)	93683/ 93685		
			19 941 18,30 60 8	8	19 941	VL/86/1	410	176	150	►18,3	Opt. Auxiliary axle (96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685		
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	TD 121 G, SR 62 (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		

F 12-Series:

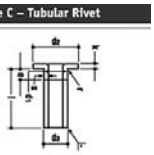
F 12 Intercooler 4x2 FAT 6,5 FAT 7,5	1980→1985	F	**19 560 19,00 00 6**	4	19 560	VL/74/1	414	197	152	►19,0		93685		
				4	19 561	VL/75/1	414	159	152	►19,0		93685		
		F	**19 467 19,00 60 6**	4	19 467	VL/73/2	394	191	177	►19,0	FAT 7.5	93687		
				4	19 468	VL/72/1	394	191	177	►19,0		93687		
		R	**19 799 19,00 60 6**	4	19 800	VL/81/2	394	190	254	►19,0		93685		
				4	19 799	VL/82/1	394	146	254	►19,0		93685		
		R	**19 885 19,00 60 6***	4	19 885	VL/83/1	394	190	240	►19,0	10/83→ / *use/verwenden	93687		
				4	19 886	VL/84/1	394	146	240	►19,0	B2096932	93687		
F 12 Intercooler 6x2 FAT 6.5	1980→1985	F	**19 560 19,00 00 6**	4	19 560	VL/74/1	414	197	152	►19,0		93685		
				4	19 561	VL/75/1	414	159	152	►19,0		93685		
		R	**19 799 19,00 60 6**	4	19 800	VL/81/2	394	190	254	►19,0		93685		
				4	19 799	VL/82/1	394	146	254	►19,0		93685		
		R	**19 885 19,00 60 6***	4	19 885	VL/83/1	394	190	240	►19,0	10/83→ / *use/verwenden	93687		
				4	19 886	VL/84/1	394	146	240	►19,0	B2096932	93687		
		R	**17 664 19,00 60 6***	4	17 665	VL/70/1	413	159	127	►19,0	3. axle / *use/verwenden	93687		
				4	17 664	VL/71/1	413	197	127	►19,0	B2177932	93687		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

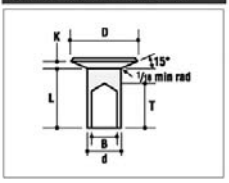
Type B – Semi-Tubular Rivet

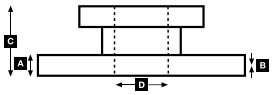


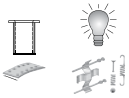
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...VOLVO

...F 12-Series:

F 12 Intercooler 6x2, 38 to FAT 7.5	1980→1985	F	**19 467 19,00 60 6**	4	19 468	VL/72/1	394	146	177	►19,0		93687		
				4	19 467	VL/73/2	394	191	177	►19,0		93687		
		R	**19 799 19,00 60 6**	4	19 800	VL/81/2	394	190	254	►19,0		93685		
				4	19 799	VL/82/1	394	146	254	►19,0		93685		
		R	**19 885 19,00 60 6***	4	19 885	VL/83/1	394	190	240	►19,0	10/83→ / *use/verwenden	93687		
				4	19 886	VL/84/1	394	146	240	►19,0	B2096932	93687		
		R	**17 664 19,00 60 6***	4	17 665	VL/70/1	413	159	127	►19,0	3. axle / *use/verwenden	93687		
				4	17 664	VL/71/1	413	197	127	►19,0	B2177932	93687		

F 4-Series:

F 406	1975→1986	F	**17 829 10,00 60 3***	2	17 829	BT/76/1	310	245	100	10,0	* use/verwenden J1228928	93038		
F 407				2	17 830	SA/25/1	310	209	100	10,0		93038		
F 408		R	**17 831 10,00 60 3***	2	17 832	SA/26/1	310	245	125	10,0	* use/verwenden J1229928	93038		
				2	17 831	SA/27/1	310	209	125	10,0		93038		

F 6-Series:

F 607	1975→1986	F	**17 827 12,50 60 3***	2	17 827	SA/28/1	325	251	120	12,5	*use/verwenden J1227928			
F 608				2	17 828	SA/29/1	325	210	120	12,5				
F 609 (9 to)		R	**19 620 12,50 60 3**	2	19 621	SA/30/1	325	251	150	12,5				
F 610, A				2	19 620	SA/31/1	325	210	150	12,5				
F 611 (11 to)	1975→1986	F	**17 804 12,70 60 4***	4	17 804	DO/80/1	394	354	127	12,7	* use/verwenden J1287928			
F 613 (13 to)		R	**19 622 12,70 60 4**	4	19 622	LH/82/2	394	354	152	12,7				
F 614														
TF 614														
F 615, S	1979→	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
F 616, S	1980→			2	19 385	CW/4/2	381	188	178	►18,15		93684		
F 617, S		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		

F 7-Series:

F 7	1977→1984	F	**17 664 19,00 60 6***	4	17 665	VL/70/1	413	159	127	►19,0	5 to / *use/verwenden B2177932	93687		
				4	17 664	VL/71/1	413	197	127	►19,0		93687		
		F	**19 560 19,00 00 6**	4	19 560	VL/74/1	414	197	152	►19,0	6.5 to	93685		
				4	19 561	VL/75/1	414	159	152	►19,0		93685		
		R	**17 664 19,00 60 6***	4	17 665	VL/70/1	413	159	127	►19,0	Boogie-axle / *use/verwenden	93687		
				4	17 664	VL/71/1	413	197	127	►19,0	B2177932	93687		
		R	**19 467 19,00 60 6**	4	19 468	VL/72/1	394	146	177	►19,0	7" brake	93687		
				4	19 467	VL/73/2	394	191	177	►19,0		93687		
		R	**19 562 19,00 00 6**	4	19 562	VL/76/2	394	190	203	►19,0	8" brake	93685		
				4	19 563	VL/77/1	394	146	203	►19,0		93685		
F 7 for Meritor-Brake	1978→1985	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		

FE-Series:

240, 280, 320 Meritor Elsa 225-3 Caliper	05/06→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				
		R	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				

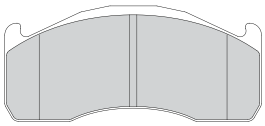
FH-Series:

FH12 (6x2) for Air suspension rear, FH12-340 250kW /340PS, FH12-380 279kW /380PS, FH12-420 309kW /420PS, FH12-460 338kW /460PS, FH12-520 382kW /520PS, FH16 (6x2) for Air suspension rear	01/93→	F	**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29	Solid Vented			
		R	**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29	Solid			
16/580, 16/660, 400, 440, 480, 520 with Meritor Elsa 225-3 caliper	05/06→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29	22.5" Wheel			
		R	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29	22.5" Wheel			
FH12, FH16		R	**29 151 29,00 41 4**	4	29 151	FCV1952B		216	97	29	Volvo lift Axle Meritor DLE Duco			
FH400, FH440, FH480, FH520	09/05→	R	**29 177 29,00 41 4**	4	29 177	FCV4170B		210	02.6	29	Volvo lift Axle Meritor VGT195		UAI169	

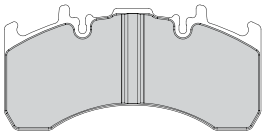
BERAL®

29 125 29,00 41 4
4562 MER D-DUCO

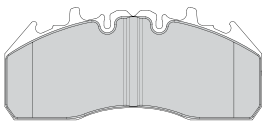
29 151 29,00 41 4
4550 MER DLE-DUCO



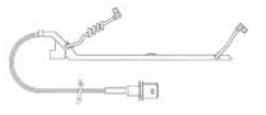
29 177 29,00 41 4
4572 MER VGT195



29 218 29,00 41 4
4567 MER Elsa225-3 (ex-PNG)

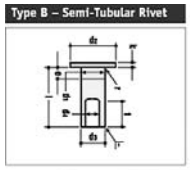


UAI169 ↔ 355mm
2

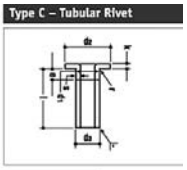


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

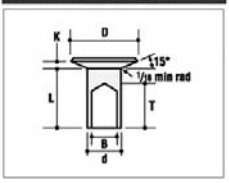
Type B – Semi-Tubular Rivet

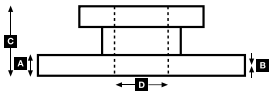


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





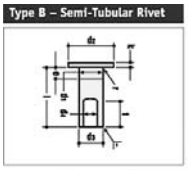
...VOLVO

FH-Series:

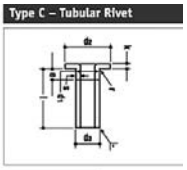
FH12 (6x2) For air suspension rear	08/93→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
		R	**19 941 18,30 60 8**	8	19 941	VL/86/1	410	176	150	►18,3	Auxiliary axle 7,5 to Axle load (96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685	
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
				8	19 071	VL/88/2	410	176	200	►18,3	Auxiliary axle 9,5 to Axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
FH12-340 250kW /340PS FH12-420 309kW /420PS	08/93→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
			19 068 18,30 00 8	8	19 068	VL/89/2	410	176	225	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
			17 992 18,30 60 8	8	17 992	VL/85/1	410	176	125	►18,3	Auxiliary axle (L8=5mm Platform, L10=8mm Platform)	93683/ 93685	
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	Opt. Auxiliary axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
FH12-380 279kW /380PS FH12-520 382kW /520PS	08/93→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
			19 068 18,30 00 8	8	19 068	VL/89/2	410	176	225	►18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
			17 992 18,30 60 8	8	17 992	VL/85/1	410	176	125	►18,3	Auxiliary axle (L8=5mm Platform, L10=8mm Platform)	93683/ 93685	
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	Opt. Auxiliary axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
FH12-460 338kW/460PS		F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
			19 068 18,30 00 8	8	19 068	VL/89/2	410	176	225	►18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	
			17 992 18,30 60 8	8	17 992	VL/85/1	410	176	125	►18,3	Auxiliary axle (L8=5mm Platform, L10=8mm Platform)	93683/ 93685	
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

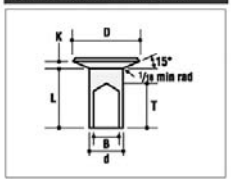
Type B – Semi-Tubular Rivet

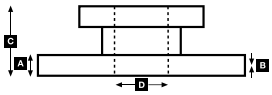


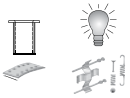
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...VOLVO

FL 10-Series:

6x4 Model (FAT 6.5) T-Ride	09/85→	F	**19 941 18,30 60 8**	8	19 941	VL/86/1	410	176	150	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685		
		R1	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake 20 to axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R2	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	20 to axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Z-Cam-Brake 26 to axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	26 to axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
6x4 Model (FAT 7.5) T-Ride	09/85→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R1	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	20 to axle Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R2	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	20 to axle(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	26 to axle Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	26 to axle(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		

FL 4 Series:

FL 406FL 408, FL 411 82kW	01/85→	F	**29 302 21,90 40 4**	4	29 302	FCV523	322	176	80	22	→02/90			**BCR130A**
			29 039 22,00 40 4	4	29 039	FCV702		177	78	22	03/90→		UAI104	
		R	**29 302 21,90 40 4**	4	29 302	FCV523		176	80	22	→02/90			**FCR306A**
			29 039 22,00 40 4	4	29 039	FCV702		177	78	22	03/90→			**FCR306A**

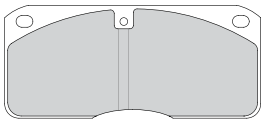
FL 6-Series:

FL608, FL609, FL610, FL611, FL612 126-184kW	01/85→	F	**29 302 21,90 40 4**	4	29 302	FCV523	322	176	80	22	→02/90			**BCR131A**
			29 039 22,00 40 4	4	29 039	FCV702	322	177	78	22	03/90→		UAI104	**BCR131A**
		R	**29 302 21,90 40 4**	4	29 302	FCV523	322	176	80	22	→02/90			**BCR142A**
			29 039 22,00 40 4	4	29 039	FCV702	322	177	78	22	03/90→		UAI104	**BCR142A**
FL613, FL614, FL615 126-184kW		F	**29 302 21,90 40 4**	4	29 302	FCV523	322	176	80	22	→02/90			**BCR131A**
			29 039 22,00 40 4	4	29 039	FCV702	322	177	78	22	03/90→1999		UAI104	**BCR131A**
		R	**29 302 21,90 40 4**	4	29 302	FCV523	322	176	80	22	→02/90			**BCR142A**
			29 039 22,00 40 4	4	29 039	FCV702	322	177	78	22	03/90→1999		UAI104	**BCR142A**
	2000→	F	**29 137 29,00 41 4**	4	29 137	FCV1387B		210	102	29	17.5" wheel size			**BCR303A**
FL613, FL614, FL615 126-184kW			**29 137 29,00 41 4**	4	29 137	FCV1387B		210	102	29	19.5" wheel size			**FCR305A**
		R	**29 137 29,00 41 4**	4	29 137	FCV1387B		210	102	29	17.5" wheel size			**BCR303A**
FL613, FL614, FL615 126-184kW			**29 137 29,00 41 4**	4	29 137	FCV1387B		210	102	29	19.5" wheel size			**FCR305A**
FL616, FL617, FL618 112kW	10/91→	F	**29 039 22,00 40 4**	4	29 039	FCV702	322	177	78	22	→2000		UAI104	**BCR131A**
		R	**29 039 22,00 40 4**	4	29 039	FCV702	322	177	78	22	→2000		UAI104	**BCR142A**
		F	**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29	2000→			
		R	**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29	2000→			

FL 6-Series:

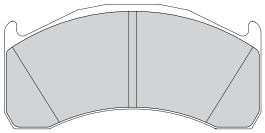
FL 608	10/85→	F	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	→1990 Opt. /*use/verwenden	93683		
				2	19 269	GG/208/1	360	270	170	9,3	B2345927	93683		
		F	**19 543 14,80 60 5**	4	19 543	GG/214/1	360	174	170	►14,8	1991→	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
		R	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	→1990 Opt. /*use/verwenden	93683		
				2	19 269	GG/208/1	360	270	170	9,3	B2345927	93683		
		R	**19 543 14,80 60 5**	4	19 543	GG/214/1	360	174	170	►14,8	1991→ Opt.	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		

29 039 22,00 40 4
3422 MER 2x68

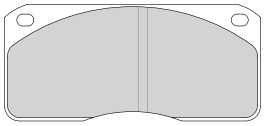


29 125 29,00 41 4
4562 MER D-DUCO

29 137 29,00 41 4
4562 MER C- DUCO



29 302 21,90 40 4
1720 MER 2x68

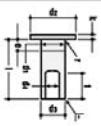


UAI104 ↔ 235mm
2

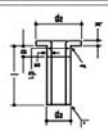
		∅	A	B	C	D		Kg		ABS
BCR130A		322	30.0	27.0	90	132	6xM14	14.0		
BCR131A		322	30.0	28.0	90	132	8xM14	13.6		
BCR142A		322	30.0	27.8	138	216	8x13,1	15.7		
BCR303A		337	30.0	28.0	100	91.5	10x14,5 2xM10	18.3		
FCR305A		375	45.0	38.0	150	225	8x20 + 2xM10	36.5		✓
FCR306A		322	30.0	28.0	115	164	6xM12	15.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

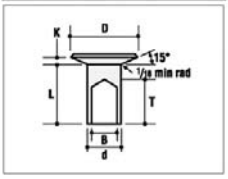
Type B – Semi-Tubular Rivet

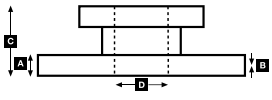


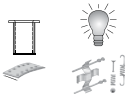
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







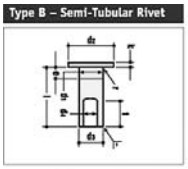
...VOLVO

...FL 6-Series:

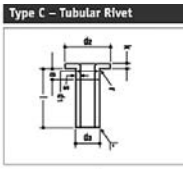
FL 609	1986→	F	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	→1990 Opt./*use/verwenden	93683		
				2	19 269	GG/208/1	360	270	170	9,3	B2345927	93683		
		F	**19 543 14,80 60 5**	4	19 543	GG/214/1	360	174	170	►14,8	1991→ Opt.	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
		R	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	→1990 Opt./*use/verwenden	93683		
				2	19 269	GG/208/1	360	270	170	9,3	B2345927	93683		
		R	**19 543 14,80 60 5**	4	19 543	GG/214/1	360	174	170	►14,8	1991→ Opt.	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
FL 610	1986→	F	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	→1990 Opt./*use/verwenden	93683		
				2	19 269	GG/208/1	360	270	170	9,3	B2345927	93683		
		F	**17 357 14,80 00 6**	4	17 357	GG/233/1	360	174	140	►14,8	1991→	93683		
				4	17 358	GG/234/1	360	174	140	►9,7		93683		
		R	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	→1990 Opt./*use/verwenden	93683		
				2	19 269	GG/208/1	360	270	170	9,3	B2345927	93683		
		R	**17 357 14,80 00 6**	4	17 357	GG/233/1	360	174	140	►14,8	1991→ Opt.	93683		
				4	17 358	GG/234/1	360	174	140	►9,7		93683		
FL 611	1994→	F	**17 357 14,80 00 6**	4	17 357	GG/233/1	360	174	140	►14,8		93683		
				4	17 358	GG/234/1	360	174	140	►9,7		93683		
		R	**17 357 14,80 00 6**	4	17 357	GG/233/1	360	174	140	►14,8		93683		
				4	17 358	GG/234/1	360	174	140	►9,7		93683		
FL 611	09/85→1994	F	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	use/verwenden B2345927	93683		
				2	19 269	GG/208/1	360	270	170	9,3		93683		
		F	**19 543 14,80 60 5**	4	19 543	GG/214/1	360	174	170	►14,8	1991→ Opt.	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
		R	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	use/verwenden B2345927	93683		
				2	19 269	GG/208/1	360	270	170	9,3		93683		
		R	**19 543 14,80 60 5**	4	19 543	GG/214/1	360	174	170	►14,8	1991→ Opt.	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
FL 512 FL 613	09/85→ 1986→	F	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	use/verwenden B2345927	93683		
				2	19 269	GG/208/1	360	270	170	9,3		93683		
		F	**19 543 14,80 60 5**	4	19 543	GG/214/1	360	174	170	►14,8	90-94 Opt.	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
		F	**17 357 14,80 00 6**	4	17 357	GG/233/1	360	174	140	►14,8	Opt 95-4/00	93683		
				4	17 358	GG/234/1	360	174	140	►9,7		93683		
		F	**19 758 14,80 60 6**	4	19 758	GG/235/1	360	174	170	►14,8	95-4/00	93683		
				4	19 759	GG/236/1	360	174	170	►9,7		93683		
		R	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	use/verwenden B2345927	93683		
				2	19 269	GG/208/1	360	270	170	9,3		93683		
		R	**19 543 14,80 60 5**	4	19 543	GG/214/1	360	174	170	►14,8	90-94 Opt.	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
		R	**17 357 14,80 00 6**	4	17 357	GG/233/1	360	174	140	►14,8	Opt 95-4/00	93683		
				4	17 358	GG/234/1	360	174	140	►9,7		93683		
		R	**19 758 14,80 60 6**	4	19 758	GG/235/1	360	174	170	►14,8	95-4/00	93683		
				4	19 759	GG/236/1	360	174	170	►9,7		93683		
FL 614	09/85→1994	F	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	use/verwenden B2345927	93683		
				2	19 269	GG/208/1	360	270	170	9,3		93683		
		F	**19 543 14,80 60 5**	4	19 543	GG/214/1	360	174	170	►14,8	90-94 Opt.	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
		R	**19 269 09,30 60 3***	2	19 272	GG/207/1	360	353	170	►12,8	use/verwenden B2345927	93683		
				2	19 269	GG/208/1	360	270	170	9,3		93683		
		R	**19 543 14,80 60 5**	4	19 543	GG/214/1	360	174	170	►14,8	90-94 Opt.	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
FL 614 (Plattform Chass.)	1994→04/00	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

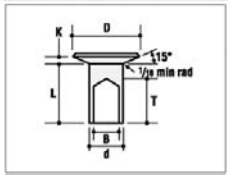
Type B – Semi-Tubular Rivet

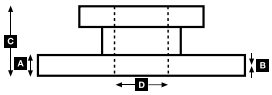


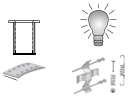
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...VOLVO

...FL 6-Series:

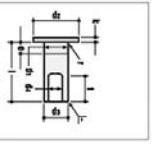
FL 614 (Rigid Chass.) FL 615	1994→04/00	F	**17 357 14,80 00 6**	4 4	17 357 17 358	GG/233/1 GG/234/1	360 360	174 174	140 140	►14,8 ►9,7	Opt.	93683 93683		
		F	**19 758 14,80 60 6**	4 4	19 758 19 759	GG/235/1 GG/236/1	360 360	174 174	170 170	►14,8 ►9,7		93683 93683		
		R	**17 357 14,80 00 6**	4 4	17 357 17 358	GG/233/1 GG/234/1	360 360	174 174	140 140	►14,8 ►9,7	Opt.	93683 93683		
		R	**19 758 14,80 60 6**	4 4	19 758 19 759	GG/235/1 GG/236/1	360 360	174 174	170 170	►14,8 ►9,7		93683 93683		
FL 615	1986→1994	F	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15	→1989	93684 93684		
		F	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	1990→	93684		
		R	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15	→1989	93684 93684		
		R	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	1990→	93684		
FL 616	1986→10/91	F	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15	→1989	93684 93684		
		F	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	1990→	93684		
		R	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15	→1989	93684 93684		
		R	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	1990→	93684		
FL 617	1986→	F	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15	→1989	93684 93684		
		F	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	1990→	93684		
		R	**19 384 18,15 60 5**	6 2	19 384 19 385	CW/4/1 CW/4/2	381 381	188 188	178 178	►18,15 ►18,15	→1989	93684 93684		
		R	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	1990→	93684		
FL 618	1990→	F	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	10/91-4/00 6.5 - 7.5 to Opt.	93684		
		F	**19 542 19,20 60 8**	8	19 542	RW/25/1	381	180	200	►19,2	10/91-4/00 6 to Opt.	93684		
		R	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	10/91-4/00 6.5 - 7.5 to Opt.	93684		
			19 542 19,20 60 8	8	19 542	RW/25/1	381	180	200	►19,2	10/91-4/00 6 to Opt.	93684		
FL 619	1990→	F	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	→1992	93684		
		R	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	→1992	93684		
			19 492 19,20 60 8	8	19 492	RW/24/1	381	180	180	►19,2	1993- 6 to	93684		
			19 542 19,20 60 8	8	19 542	RW/25/1	381	180	200	►19,2	1993- 6,5 - 7,5 to	93684		

FL 7 / FL 10-Series:

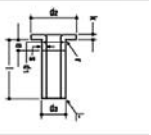
4x2 Model for 6, 5 to Axle load	09/85→	F	**19 941 18,30 60 8**	8	19 941	VL/86/1	410	176	150	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
4x2 Model for 7, 5/8, 0 to Axle load	09/85→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
6x2 Model for 7, 5/8, 0 to Axle load Air Suspension & S-Ride	09/85→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R1	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R2	**17 992 18,30 60 8**	8	17 992	VL/85/1	410	176	125	►18,3	(L8=5mm Platform, L10=8mm Platform)	93683/ 93685		
6x2 & 6x2/2/4 Model for 6, 5 to Axle load	09/85→	F	**19 941 18,30 60 8**	8	19 941	VL/86/1	410	176	150	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R2	**17 992 18,30 60 8**	8	17 992	VL/85/1	410	176	125	►18,3	(L8=5mm Platform, L10=8mm Platform)	93683/ 93685		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

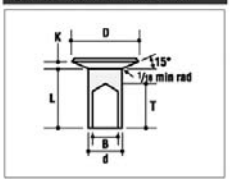
Type B – Semi-Tubular Rivet

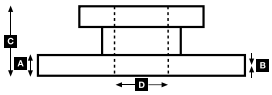


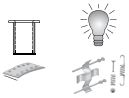
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...VOLVO

...FL 7 / FL 10-Series:

6x2 & 6x2/2/4 Model for 7, 5/8, 0 to Axle load	09/85→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R2	**17 992 18,30 60 8**	8	17 992	VL/85/1	410	176	125	►18,3	(L8=5mm Platform, L10=8mm Platform)	93683/ 93685		
6x2 Model for 6, 5 to Axle load Air Suspension & S-Ride	09/85→	F	**19 941 18,30 60 8**	8	19 941	VL/86/1	410	176	150	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685		
		R1	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R2	**17 992 18,30 60 8**	8	17 992	VL/85/1	410	176	125	►18,3	(L8=5mm Platform, L10=8mm Platform)	93683/ 93685		
8x4 Model	09/85→	F1	**19 941 18,30 60 8**	8	19 941	VL/86/1	410	176	150	►18,3	(96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685		
		F2	**19 941 18,30 60 8**	8	19 941	VL/86/1	410	176	150	►18,3	(96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685		
		R1	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	8x4 T-Ride (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
			19 068 18,30 00 8	8	19 068	VL/89/2	410	176	225	►18,3	8x4 T-Ride (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R2	**17 992 18,30 60 8**	8	17 992	VL/85/1	410	176	125	►18,3	(L8=5mm Platform, L10=8mm Platform)	93683/ 93685		
			19 090 18,30 00 8	8	19 090	VL/87/2	410	176	175	►18,3	8x4 T-Ride (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		

FL Series

FL 240,280	05/06→	F	**29 203 29,00 41 4**	4	29 203	FCV4377B		216	99.6	29	Meritor Elsa225-1			
		R	**29 203 29,00 41 4**	4	29 203	FCV4377B		216	99.6	29	Meritor Elsa225-1			
		F	**29 207 30,00 41 4**	4	29 207	FCV1815BFE		210	92	30	Haldex DB19		UAI175	
		R	**29 207 30,00 41 4**	4	29 207	FCV1815BFE		210	92	30	Haldex DB19		UAI175	

FLC

FLC 140 99kW	09/96→09/00	F	**29 039 22,00 40 4**	4	29 039	FCV702	322 322	177	78	22			UAI104	**BCR130A** **BCR131A**
		R	**29 039 22,00 40 4**	4	29 039	FCV702	322	177	78	22				**BCR142A**

FLE

FLE	2001→	F	**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29				
		R	**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29				

FM Series

4x2 Tractors & Rigids Meritor D DUCO, 6x2 Tractors & Rigids Meritor D DUCO	05/00→	F	**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29				
		R	**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29	Vented			
FM 300,340,360,380,400,440, 480 Meritor Elsa 225-3 Caliper	09/05→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29	Solid Vented			
		R	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29	Solid Vented			
FM12		R	**29 151 29,00 41 4**	4	29 151	FCV1952B		216	97	29	Lift axle			
FM9			**29 151 29,00 41 4**	4	29 151	FCV1952B		216	97	29	Lift axle			

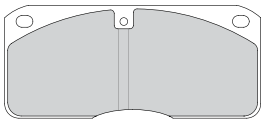
FS 7

FS 718 169-191kW	09/94→03/96	F	**29 039 22,00 40 4**	4	29 039	FCV702	322	177	78	22			UAI104	**BCR131A**

FS-Series:

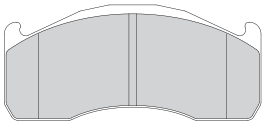
FS 718	1992→	F	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	6 to axle load	93684		
		F	**19 542 19,20 60 8**	8	19 542	RW/25/1	381	180	200	►19,2	6.5 - 7.5 axle load	93684		
		R	**19 492 19,20 60 8**	8	19 492	RW/24/1	381	180	180	►19,2	6 to axle load	93684		
			19 542 19,20 60 8	8	19 542	RW/25/1	381	180	200	►19,2	6.5 - 7.5 axle load	93684		

29 039 22,00 40 4
3422 MER 2x68

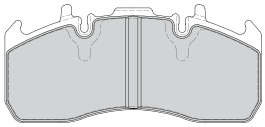


29 125 29,00 41 4
4562 MER D-DUCO

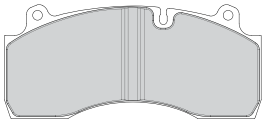
29 151 29,00 41 4
4550 MER DLE-DUCO



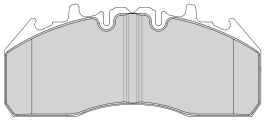
29 203 29,00 41 4
4567 MER ELSA225-1



29 207 30,00 41 4
4581 HAL DB19



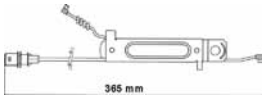
29 218 29,00 41 4
4567 MER Elsa225-3 (ex-PNG)



VOLVO

UAI104 ↔ 235mm
2

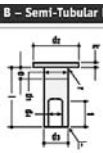
UAI175 ↔ 365mm
2



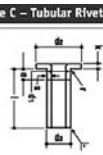
		∅	A	B	C	D		Kg	
BCR130A		322	30.0	27.0	90	132	6xM14	14.0	
BCR131A		322	30.0	28.0	90	132	8xM14	13.6	
BCR142A		322	30.0	27.8	138	216	8x13,1	15.7	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

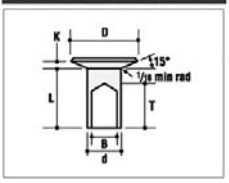
Type B – Semi-Tubular Rivet

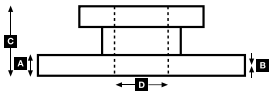


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...VOLVO

N7, N 10, N12 (Mk2)

All	1980→	F	**19 467 19,00 60 6**	4	19 468	VL/72/1	394	146	177	►19,0		93687		
				4	19 467	VL/73/2	394	191	177	►19,0		93687		
		R	**19 562 19,00 00 6**	4	19 562	VL/76/2	394	190	203	►19,0		93685		
				4	19 563	VL/77/1	394	146	203	►19,0		93685		
		R	**17 664 19,00 60 6***	4	17 665	VL/70/1	413	159	127	►19,0	Trailing axle / *use/verwenden	93687		
				4	17 664	VL/71/1	413	197	127	►19,0	B2177932	93687		

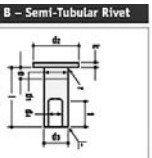
YUGO

Zeta Turbo 650

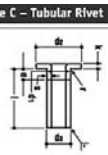
All		F	**17 635 12,00 60 3**	2	17 635	SY/20/2	325	249	120	12,0		93048		
				2	17 636	SY/26/1	325	288	120	12,0		93048		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

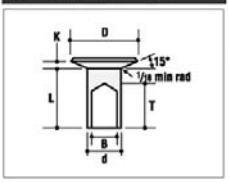
Type B – Semi-Tubular Rivet

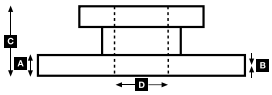


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





A.D.R.

			# WVA											
300 x 100			**57 251 11,00 00 4**	4	57 251		300	248.5	100	11				
300 x 135			**57 248 11,00 00 4**	4	57 248		300	248	135	11	18.5mm counter bore ø			
			57 250 11,00 00 4	4	57 250		300	246.6	135	11	16.5mm counter bore ø			
300 x 150			**59 338 11,00 00 4**	4	59 338		300	286	150	11				
300 x 160			**59 335 11,00 66 4**	4	59 335		300	286	160	11				
400 x 120			**17 016 11,00 00 8**	8	17 016		400	192.7	120	11				

ACERBI

All

Knorr SB7... Brakes			**29 253 30,00 41 4**	4	29 253	FCV4344PTS		248	108	30				

All

300 x 200mm (BPW)			**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		
311 x 203mm (SMB C3)			**19 608 18,40 00 6**	4	19 609	FU/17/1	311	136	203	►19,3		93275		
				4	19 608	FU/18/1	311	141	203	►18,4		93275		
419 x 178mm (SMB C2)			**19 613 19,20 70 6**	4	19 614	FT/11/1	419	188	178	►18,6	Conical drilling	93281		
				4	19 613	FT/12/1	419	192	178	►19,2		93281		
419 x 203mm (SMB C1)			**19 557 18,60 70 6**	4	19 606	FT/6/1	419	188	203	►19,2	Conical drilling	93281		
				4	19 557	FT/7/1	419	192	203	►18,6		93281		
420 x 180mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

ADIGE

All

320 x 140mm		R	**17 660 12,00 60 4**	4	17 660	FI/141/1	320	310	140	12,0		93060		
420 x 90mm		R	**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93059		
			15 494 12,00 60 4	4	15 494	FI/95/1	420	397	90	12,0		93060		
420 x 110mm		R	**17 797 18,80 60 8**	8	17 797	FI/139/1	420	204	110	►18,8		93060		
420 x 140mm		R	**17 895 12,00 60 4**	4	17 895	FI/137/1	420	401	140	12,0		93060		
420 x 205mm		R	**19 779 19,00 00 8**	8	19 779	FI/150/1	420	203	205	►19,0		93060		

AUSTERAS

All

420 x 140mm			**17 456 18,00 00 8**	8	17 456	BC/109/1	420	201	140	►18,0		93059		
420 x 180mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		

BAJ et FOND

All

419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 203mm			**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		

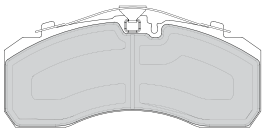
BPW

300 x 200mm			**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		

Trailor L200

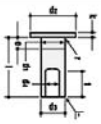
419 x 178mm			**19 036 18,60 00 6**	4	19 037	DF/24/1	419	192	178	►18,0		93275		
				4	19 036	DF/25/1	419	189	178	►18,6		93275		

29 253 30,00 41 4
4569 KNR SB/SN7

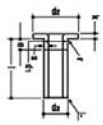


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

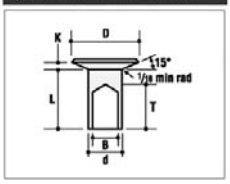
Type B – Semi-Tubular Rivet

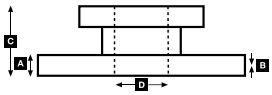


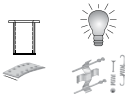
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







BARTOLETTI

All

300 x 160mm			**19 756 12,00 60 4**	4	19 756		300	312	160	12				
430 x 140mm			**17 905 17,00 00 6**	4	17 905	BA/2/1	430	207	140	0►17		93060		
				4	17 906	BA/3/1	430	207	140	►17,75		93060		
430 x 200mm			**19 801 17,50 60 6**	4	19 802	BA/4/1	430	207	200	►17,5		93060		
				4	19 801	BA/5/1	430	207	200	►17,75		93060		

BATTAGLINO

All

419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		
420 x 90mm			**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93059		
420 x 180mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

BENALU

All

All trailers fitted with Wabco Pan 22			**29 154 30,00 40 4**	4	29 154	FCV1366		248	108	30				

All

311 x 203mm (SMBC3)			**19 608 18,40 00 6**	4	19 609	FU/17/1	311	136	203	►19,3		93275		
				4	19 608	FU/18/1	311	141	203	►18,4		93275		
419 x 178mm (ROR)			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 178mm (Propar P13)			**19 613 19,20 70 6**	4	19 614	FT/11/1	419	188	178	►18,6	Conical drilling	93281		
				4	19 613	FT/12/1	419	192	178	►19,2	Conical drilling	93281		
419 x 178mm (SMB C2)			**19 613 19,20 70 6**	4	19 614	FT/11/1	419	188	178	►18,6	Conical drilling	93281		
				4	19 613	FT/12/1	419	192	178	►19,2	Conical drilling	93281		
419 x 203mm			**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		
419 x 203mm (Propar P20)			**19 557 18,60 70 6**	4	19 606	FT/6/1	419	188	203	►19,2	Conical drilling	93281		
				4	19 557	FT/7/1	419	192	203	►18,6	Conical drilling	93281		
419 x 203mm (SMB C1)			**19 557 18,60 70 6**	4	19 606	FT/6/1	419	188	203	►19,2	Conical drilling	93281		
				4	19 557	FT/7/1	419	192	203	►18,6	Conical drilling	93281		
419 x 218mm (ROR)			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		
420 x 180mm (BPW)			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm (BPW)			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

BERTOJA

All

300 x 200mm			**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		
420 x 200mm			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

BPW

1. Generation:

300 x 150mm Cam brake		R	**19 102 10,00 60 8**	8	19 102	BC/54/1	300	141	150	10,0		93251		
300 x 200mm Cam brake		R	**19 103 10,00 60 8**	8	19 103	BC/55/1	300	142	200	10,0		93251		

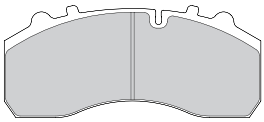
2. Generation:

300 x 150mm Cam brake		R	**19 396 13,00 00 8**	8	19 396	BC/110/1	300	141	150	►13,0		93251		
300 x 200mm Cam brake		R	**19 397 13,00 00 8**	8	19 397	BC/111/1	300	141	200	►13,0		93251		

3. Generation:

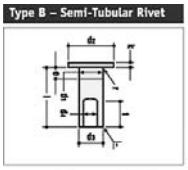
300 x 150mm (SN 3015) Cam brake		R	**19 573 18,00 00 8**	8	19 573	BC/79/1	300	144	150	►18,0		93251		
300 x 200mm (SN 3020) Cam brake		R	**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		

29 154 30,00 40 4
4550 WAB PAN 22

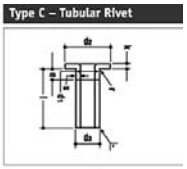


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

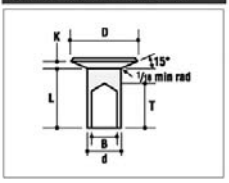
Type B – Semi-Tubular Rivet

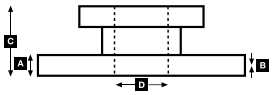


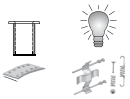
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







WVA !

...BPW

All

200 x 40mm		R	**11 478 05,00 60 4**	4	11 478		200	190	40	5,0		93020		
230 x 40mm		R	**11 556 05,00 60 4**	4	11 556		230	224	40	5,0		93020		
250 x 40mm Spread lever brake		R	**11 084 05,00 60 4**	4	11 084	BC/51/1	250	245	40	5,0		93020		
300 x 60mm Spread lever brake		R	**15 004 05,00 60 4**	4	15 004	BC/52/1	300	290	60	5,0		93021		
300 x 100mm		R	**17 347 18,00 00 8**	4	17 347		300	145	100	►18,0		93251		
300 x 120mm Cam brake		R	**17 183 10,00 60 8**	8	17 183	BC/53/1	300	142	120	10,0		93252		
300 x 200mm		R	**19 967 16,30 00 6***	4	19 967	BC/106/1	300	132	200	16,3	*use/verwenden B2800927	93275		
				4	19 968	BC/107/1	300	129	200	15,4		93275		
300 x 200mm S Cam		R	**19 103 10,00 60 8**	8	19 103	BC/55/1	300	142	200	10,0		93251		
350 x 60mm Spread lever brake		R	**15 044 06,00 60 4**	4	15 044	FD/85/1	350	339	60	6,0		93047		
350 x 150mm Flat Cam		R	**19 102 10,00 60 8**	8	19 102	BC/54/1	300	141	150	10,0		93251		
360 x 160mm (SN 3616)		R	**19 952 17,80 00 6**	4	19 952	BC/104/1	360	187	160	►17,8		93251		
				4	19 953	BC/105/1	360	158	160	►17,8		93251		
360 x 200mm (SN 3620)		R	**19 902 17,80 00 6**	4	19 902	BC/100/1	360	159	200	►17,8		93251		
				4	19 903	BC/101/1	360	188	200	►17,8		93251		
400 x 80mm Spread lever brake, Cam brake		R	**15 247 08,00 60 4**	4	15 247	FD/86/1	400	388	80	8,0		93251		
400 x 120mm Spread lever brake, Cam brake/hydraulic brake		R	**17 115 10,00 60 8**	8	17 115	BC/39/1	400	190	120	10,0		93252		
420 x 120mm (SN 4212) S-Cam brake		R	**17 377 18,00 00 8**	8	17 377	BC/78/1	420	204	120	►18,0		93251		
400 x 120 mm		R	**17 016 08,00 00 8**	8	17 377		400	192.7	120	8		93251		
420 x 124mm		R	**17 807 18,30 00 8**	8	17 807	BC/122/1	420	204	124	►18,3		93252		
420 x 140mm		R	**17 456 18,00 00 8**	8	17 456	BC/109/1	420	201	140	►18,0		93252		
420 x 160mm (SN 4216) S-Cam brake		R	**19 200 17,80 00 8**	8	19 200	BC/35/1	420	204	160	►17,8		93251		
420 x 180mm (SN 4218) S-Cam brake		R	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm (SN 4220) S-Cam brake		R	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		
420 x 220mm (SN 4222)		R	**19 825 18,00 00 8**	8	19 825	BC/99/1	420	202	220	►18,0		93252		
500 x 200mm		R	**19 602 18,00 00 6**	4	19 602		500	197	200	►18,0		93252		
				4	19 603		500	244	200	►18,0		93252		

Eco Max SB/SN6 (SB3745)

K Series	→04/03		**29 197 30,00 41 4**	4	29 197	FCV1329BFE	377	211	93	30				**BCR205A**
K Series	05/03→		**29 165 30,00 41 4**	4	29 165	FCV1678B	375	211	93	30	no ABS/option 29165 30,00 42 4		UAI171/UAI172	**BCR252A**
							377				ABS			**BCR253A**

Eco Plus SB/SN6 (SB3745)

Wheel = 19.5" Air Brake	→04/03		**29 197 30,00 41 4**	4	29 197	FCV1329BFE	377	211	93	30				**BCR193A**
	05/03→		**29 165 30,00 41 4**	4	29 165	FCV1678B	375	211	93	30	no ABS/option 29165 30,00 42 4		UAI171/UAI172	**BCR252A**
							377				ABS			**BCR253A**

Eco Plus SB/SN7 (SB4345)

Wheel = 22.5" Air Brake	→04/03		**29 253 30,00 41 4**	4	29 253	FCV4344PTS	430	248	108	30				**BCR222A**
	05/03→		**29 167 30,00 41 4**	4	29 167	FCV1677B	430	248	09.5	30	option 29167 30,00 42 4		UAI171/UAI172	**BCR222A**

Eco Plus SK7 (SB4309)

	05/03→		**29 171 30,00 41 4**	4	29 171	FCV1825B	430	211	108	30	option 29171 30,00 42 4			**BCR222A**

SH Series SB/SN7 (SB4345)

HD	→04/03		**29 253 30,00 41 4**	4	29 253	FCV4344PTS	430	248	108	30				**BCR172A**
	05/03→		**29 167 30,00 41 4**	4	29 167	FCV1677B	430	248	109.5	30	option 29167 30,00 42 4		UAI171/UAI172	**BCR222A**

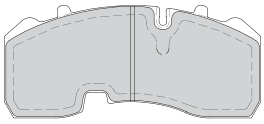
SKH Series SB/SN6 (SB3745)

Uni - Disc	→04/03		**29 197 30,00 41 4**	4	29 197	FCV1329BFE	377	211	93	30				**BCR205A**
							377							**BCR206A**
							377							**BCR210A**
Uni - Disc	05/03→		**29 165 30,00 41 4**	4	29 165	FCV1678B	375	211	93	30	no ABS/option 29165 30,00 42 4		UAI171/UAI172	**BCR252A**
							377				ABS			**BCR253A**

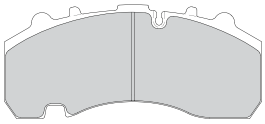
BERAL®

BPW

29 165 30,00 41 4
4575 KNR SB3745T (SB6)



29 167 30,00 41 4
4575 KNR SB4345T (SB7)



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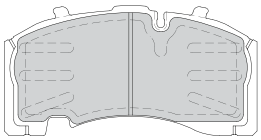
4575 KNR SB4309T (SK7)



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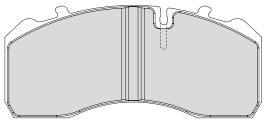
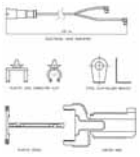
4569 KNR SB/SN6

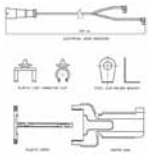


29 253 30,00 41 4
4569 KNR SB/SN7

UAI171 ↔ 430mm
2



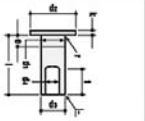
UAI172 ↔ 940mm
2



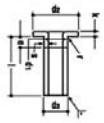
		∅	A	B	C	D		Kg		ABS
BCR172A		430	45.0	37.0	159.5	290	10x23 2x10	37.5		
BCR193A		377	45.0	37.0	159	290	10x23 2x9,7	28.0		
BCR205A		377	45.0	38.0	159	290	10x23 2x10 5xM6	27.9		✓
BCR206A		377	45.0	38.0	159	230	8x23 2x10,5 5xM6	27.0		✓
BCR210A		377	45.0	38.0	169	290	10x23 2x9,8	29.0		
BCR222A		430	45.0	38.0	160	201	10x22,5	33.0		
BCR252A		375	45.0	38.0	160	189	10x22,2	29.0		
BCR253A		377	45.0	38.0	159	189	10x22,5	29.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93020	7.5	04x08	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

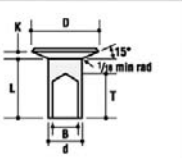
Type B – Semi-Tubular Rivet

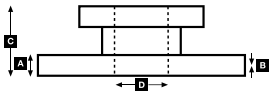


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





BROCKHOUSE

All

394 x 152mm			**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

CALABRESE

All

419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
420 x 110mm			**17 797 18,80 60 8**	8	17 797	FI/139/1	420	204	110	►18,8		93060		

CARDI

All

300 x 200mm		R	**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		
420 x 90mm		R	**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93252		
420 x 140mm Mod. Germania		R	**17 456 18,00 00 8**	8	17 456	BC/109/1	420	201	140	►18,0		93252		
420 x 160mm		R	**19 200 17,80 00 8**	8	19 200	BC/35/1	420	204	160	►17,8		93251		
420 x 180mm		R	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm		R	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

CARENZI

All

420 x 90mm			**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93252		
420 x 140mm			**17 895 12,00 60 4**	4	17 895	FI/137/1	420	401	140	12,0		93060		

CARRIMORE

All

311 x 178mm			**19 783 14,60 60 6**	4	19 783	MQ/3/2	311	148	178	►14,6		93684		
				4	19 784	MQ/4/2	311	146	178	►14,3		93684		
394 x 152mm			**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

CASTERA

ROR

419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

SAE S3315

305 x 150mm			**19 760 15,90 00 6**	4	19 760	SA/36/2	305	144	150	►15,9		93252		
				4	19 761	SA/37/2	305	140	150	►15,8		93252		

SAE S3320

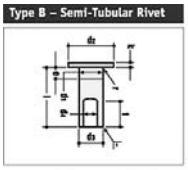
305 x 200mm			**19 762 15,90 00 6**	4	19 762	LZ/2/1	305	143	200	►15,9		93252		
				4	19 763	LZ/3/1	305	141	200	►15,8		93252		

SAF

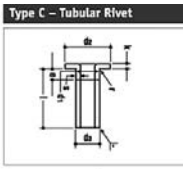
419 x 178mm			**19 036 18,60 00 6**	4	19 037	DF/24/1	419	192	178	►18,0		93275		
				4	19 036	DF/25/1	419	189	178	►18,6		93275		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

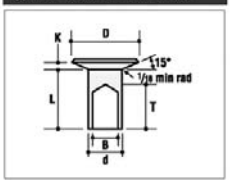
Type B – Semi-Tubular Rivet

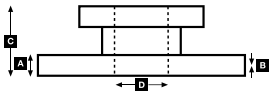


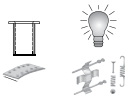
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







CAZENAVE

Colaert

414 x 150mm			**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

CODER

All

419 x 218mm		All	**19 369 18,70 80 6**	4	19 369	FU/5/4	419	192	218	►19,3		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		
420 x 180mm BPW-axle RR 200		All	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		

COLAERT

W6

414 x 150mm			**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

COMETTO

All

300 x 179mm			**59 082 09,00 60 4**	4	59 082	CO/1/1	300	285	179	9				
300 x 180mm			**19 795 14,00 60 8**	8	19 795	CO/2/1	300	141	180	0►14		93252		

CRANE FRUEHAUF

All

Haldex DB22 (22, 5")	01/00→		**29 143 30,00 41 4**	4	29 143	FCV1367B		248	105	30			UAI171/UAI172	
Knorr SB6000			**29 197 30,00 41 4**	4	29 197	FCV1329BFE	377	211	93	30				**BCR200A**
Knorr SB7000			**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR199A**
Wabco Pan 22			**29 154 30,00 40 4**	4	29 154	FCV1366		248	108	30			UAI166	

All

381 x 178mm			**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
394 x 152mm			**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
419 x 178mm			**19 036 18,60 00 6**	4	19 037	DF/24/1	419	192	178	►18,0		93275		
				4	19 036	DF/25/1	419	189	178	►18,6		93275		
419 x 203mm			**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3	Conical drilling	93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		
420 x 160mm			**19 200 17,80 00 8**	8	19 200	BC/35/1	420	204	160	►17,8		93251		
420 x 180mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

FOU 5DF

414 x 150mm			**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

ROR

311 x 190mm			**19 604 14,80 60 6**	4	19 604	RW/9/3	311	126	190	►14,8		93685		
				4	19 605	RW/13/3	311	158	190	►16,1		93685		
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		

SMB C1

419 x 203mm			**19 557 18,60 70 6**	4	19 606	FT/6/1	419	188	203	►19,2	Conical drilling	93281		
				4	19 557	FT/7/1	419	192	203	►18,6		93281		

SMB C2

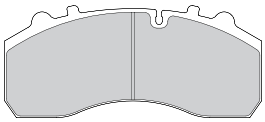
419 x 178mm			**19 613 19,20 70 6**	4	19 614	FT/11/1	419	188	178	►18,6	Conical drilling	93281		
				4	19 613	FT/12/1	419	192	178	►19,2		93281		

SMB C3

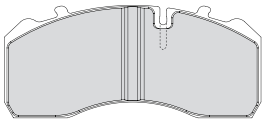
311 x 203mm			**19 608 18,40 00 6**	4	19 609	FU/17/1	311	136	203	►19,3		93275		
				4	19 608	FU/18/1	311	141	203	►18,4		93275		

29 143 30,00 41 4
4550 HAL DB22

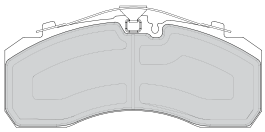
29 154 30,00 40 4
4550 WAB PAN 22



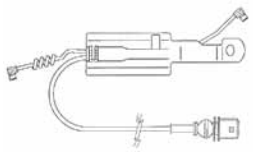
29 197 30,00 41 4
4569 KNR SB/SN6



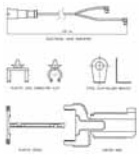
29 253 30,00 41 4
4569 KNR SB/SN7



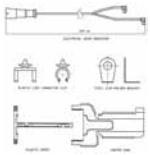
UAI166 ↔ 450mm
2



UAI171 ↔ 430mm
2



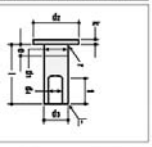
UAI172 ↔ 940mm
2



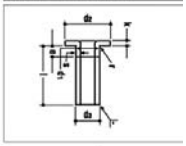
		∅	A	B	C	D		Kg		ABS
BCR199A		430	45.0	38.0	155	280	10x26,5	36.2		✓
BCR200A		377	45.0	38.0	138	169	8xM14	27.0		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

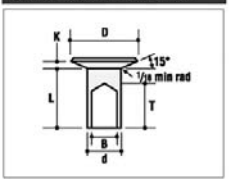
Type B – Semi-Tubular Rivet

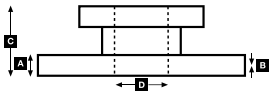


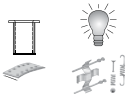
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







DAF

All

ELT 3218 & ELT 3219		All	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
ELT-3224 Eurotrailer 21 to		All	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
LT 3200-1800 Low Loader		All	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
Tandem-axle		All	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
12-13 to Payload		All	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		
4 wheel trailer		All	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		
4 wheel trailer for BPW axle		All	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		
Trailers LVW 1616		All	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		
BPW-axle		All	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		
LVW 1616, 16 Ton Gross		All	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

DISCOS

Trailer

Hendricksons (22, 5") Knorr SB/SN7	1998→		**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR145A**
NR5 / 10DCL-9 / 10DCLG-9 / 10DCL-10.5 22, 5" Knorr SB7...	1999→		**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR145A**
Haldex-Brake Intra disc DB22 MKII, MKIII			**29 143 30,00 41 4**	4	29 143	FCV1367B		248	105	30			UAI171/UAI172	
Haldex-Brake Intra disc DB22 MKIV, Modul-X			**29 120 30,00 41 4**	4	29 120	FCV1901B		248	105	30			UAI171/UAI172	
Knorr SB/SN5	2000→		**29 183 27,00 41 3**	4	29 183	FCV1277BFE		185	84	27/34				
TE Axles Knorr SK7			**29 158 30,00 41 4**	4	29 158	FCV1657B		210.8	108	30				
TE3, TZ3 19, 5" Knorr SB/SN6			**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30				**BCR190A**
TE5, TZ5 22, 5" Knorr SB/SN7			**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR145A**
TZ/ 1C7-10.5 22, 5" Knorr SB/SN7	2000→		**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR145A**

DORSEY

All

419 x 218mm ROR			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

DYSON

All

311 x 178mm			**19 783 14,60 60 6**	4	19 783	MQ/3/2	311	148	178	►14,6		93684		
				4	19 784	MQ/4/2	311	146	178	►14,3		93684		
311 x 190mm			**19 604 14,80 60 6**	4	19 604	RW/9/3	311	126	190	►14,8		93685		
				4	19 605	RW/13/3	311	158	190	►16,1		93685		
394 x 152mm			**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

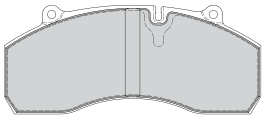
FODEN

All

381 x 177mm		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
419 x 178mm		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0		93683		
419 x 203mm		R	**19 557 18,60 70 6**	4	19 606	FT/6/1	419	188	203	►19,2	Conical drilling	93281		
				4	19 557	FT/7/1	419	192	203	►18,6		93281		

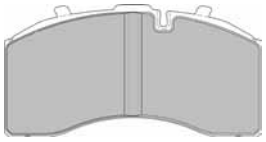
BERAL®

29 120 30,00 41 4
4550 HAL DB22

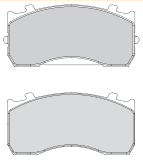


29 143 30,00 41 4
4550 HAL DB22

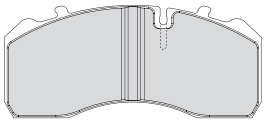
29 158 30,00 41 4
4550 KNR SK7



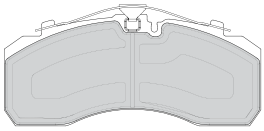
29 183 27,00 41 3
4550 KNR SB/SN5



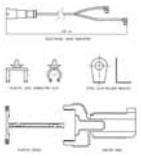
29 197 30,00 41 4
4550 KNR SB/SN6



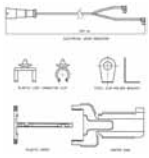
29 253 30,00 41 4
4550 KNR SB/SN7



UAI171 ↔ 430mm
2

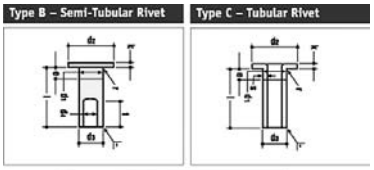


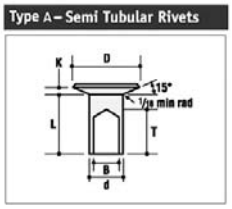
UAI172 ↔ 940mm
2

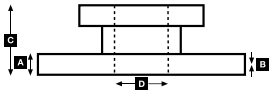


		∅	A	B	C	D		Kg	
BCR145A		430	45.0	37.0	132	211	10xM14	34.2	
BCR190A		377	45.0	37.0	138	176	8xM14	26.4	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS







FOX

All

419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 203mm			**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

FRANCHIN

All

420 x 180mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 90mm			**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93252		

FROMANT

All

419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

FROMCO

All

419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

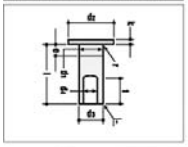
FRUEHAUF/BENALU

All

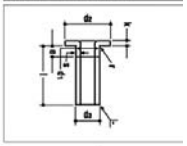
16.1/2 x 7"		All	**19 036 18,60 00 6**	4	19 037	DF/24/1	419	192	178	►18,0	Rivet 5mm	93275		
419 x 178mm				4	19 036	DF/25/1	419	189	178	►18,6		93275		
			19 036 18,60 80 6	4	19 036		419	189	178	►18,6	Rivet 8mm	93252		
				4	19 037		419	194	178	►18,0		93252		
			19 036 18,60 90 6	4	19 036	IL/66/5	419	188	178	►18,6	Rivet 6,35mm	93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
16.1/2 x 8"		All	**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93685		
419 x 203mm Conical drilling				4	19 365	RW/2/3	419	192	203	►18,7		93685		
311 x 190mm		All	**19 604 14,80 60 6**	4	19 604	RW/9/3	311	126	190	►14,8		93685		
MER Axle				4	19 605	RW/13/3	311	158	190	►16,1		93685		
311 x 203mm		All	**19 608 18,40 00 6**	4	19 609	FU/17/1	311	136	203	►19,3		93275		
Propar-Axle P15 A75				4	19 608	FU/18/1	311	141	203	►18,4		93275		
381 x 177, 8mm		All	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
414 x 150mm		All	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
FOU 5DF				2	19 199	SA/11/1	414	286	150	12,5		93049		
419 x 178mm		All	**19 613 19,20 70 6**	4	19 614	FT/11/1	419	188	178	►18,6	Conical drilling	93281		
Axle SMB C2				4	19 613	FT/12/1	419	192	178	►19,2		93281		
419 x 203mm		All	**19 557 18,60 70 6**	4	19 606	FT/6/1	419	188	203	►19,2	Conical drilling	93281		
Axle SMB C1				4	19 557	FT/7/1	419	192	203	►18,6		93281		
420 x 160mm		All	**19 200 17,80 00 8**	8	19 200	BC/35/1	420	204	160	►17,8		93251		
420 x 180mm		All	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
Trailers equipped with BPW axles														
420 x 200mm		All	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		
419 x 218mm		All	**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

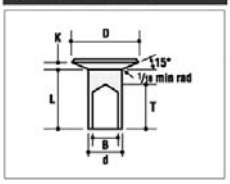
Type B – Semi-Tubular Rivet

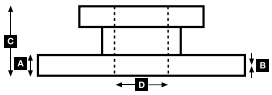


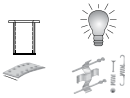
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







GFA (Gothaer Achsen)

All

300 x 80 mm			**15 077 16,00 00 8**	8	15 077		300	148	80	►16,0		93251		
300 x 100 mm			**17 347 18,00 00 8**	8	17 347		300	145	100	►18,0		93251		
420 x 120 mm			**17 377 18,00 00 8**	8	17 377	BC/78/1	420	204	120	►18,0		93058		
420 x 180 mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		

GIGANT GROUP

S.A.E. (Dupillier)

Haldex-Brake Intra disc DB22 MKII, MKIII			**29 143 30,00 41 4**	4	29 143	FCV1367B		248	105	30			UAI171/UAI172	
Haldex-Brake Intra disc DB22 MKIV, Modul-X			**29 120 30,00 41 4**	4	29 120	FCV1901B		248	105	30			UAI171/UAI172	
Haldex Disc Brake DB22LT (22, 5")	01/06→		**29 195 30,00 41 4**	4	29 195	FCV1814BFE		210	93.8	30	Eurotrailer axle application between 9 and 11 tons			
Knorr SB6…			**29 197 30,00 41 4**	4	29 197	FCV1329BFE	377	211	93	30				**BCR200A**
Knorr SB7…			**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR199A**
Wabco PAN19-1			**29 159 30,00 40 4**	4	29 159	FCV1963	377	211	93	30	UAC166 (SPRINGS) / UAC170(FORKS)		UAI168 UAC166	**BCR202A**
Wabco Pan22			**29 154 30,00 40 4**	4	29 154	FCV1366		248	108	30				

S.A.E. (Dupillier)

300 x 100 mm		R	**17 347 17,00 00 8**	8	17 347		300	145	100	17,0		93251		
300 x 200mm		R	**19 103 10,00 60 8**	8	19 103	BC/55/1	300	142	200	10,0		93251		
305 x 80mm (S 3208)		R	**15 799 11,50 66 8**	8	15 799	SE/1/1	305	141	80	11,5		93049		
305 x 125mm		R	**17 897 15,80 00 6**	4	17 897	LZ/7/1	305	151	125	►15,8		93252		
				4	17 898	LZ/8/1	305	143	125	►15,9		93252		
305 x 150mm		R	**19 760 15,90 00 6***	4	19 760	SA/36/2	305	144	150	►15,9	*use/verwenden B2044170	93252		
				4	19 761	SA/37/2	305	140	150	►15,8		93252		
305 x 200mm		R	**19 762 15,90 00 6**	4	19 762	LZ/2/1	303	143	200	►15,9		93252		
				4	19 763	LZ/3/1	303	141	200	►15,8		93252		
305 x 200mm, S 3120, S 3220		R	**19 405 11,50 60 8**	8	19 405	SE/4/1	305	141	200	11,5		93049		
355 x 150mm, S 3515		R	**19 912 18,00 80 6**	4	19 913	LZ/4/1	355	168	150	►18,8		93252		
				4	19 912	LZ/5/1	355	157	150	►18,0		93252		
355 x 200mm, S 3520		R	**19 892 18,00 00 6**	4	19 892	SJ/26/1	355	157	200	►18,0		93252		
				4	19 893	SJ/27/1	355	168	200	►18,8		93252		
405 x 125mm, S 4112		R	**17 761 11,50 00 8***	8	17 761	SE/5/1	405	180	125	11,5	* use/verwenden J1233928	93049		
419 x 178mm, RS 8041		R	**19 036 18,60 00 6**	4	19 037	DF/24/1	419	192	178	►18,0		93275		
				4	19 036	DF/25/1	419	189	178	►18,6		93275		
419 x 203, 2mm 16 1/2 x 8"		R	**19 557 18,60 70 6**	4	19 606	FT/6/1	419	188	203	►19,2		93281		
				4	19 557	FT/7/1	419	192	203	►18,6		93281		
419 x 203mm Conical drilling		R	**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		
420 x 160mm, S 4416		R	**19 200 17,80 00 8**	8	19 200	BC/35/1	420	204	160	►17,8		93251		
420 x 178mm SKRS 9042		R	**19 283 20,60 00 6**	4	19 283	SJ/28/1	420	177	178	►20,6		93251		
				4	19 284	SJ/29/1	420	183	178	►20,0		93251		
420 x 200mm, S 4420		R	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		
420 x 203mm SKRS		R	**19 477 20,60 00 6**	4	19 477	SJ/30/1	420	188	203	►20,6		93251		
				4	19 478	SJ/31/1	420	192	203	►20,0		93251		

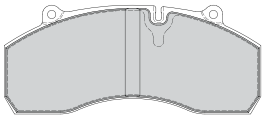
SMB

Haldex-Brake Intra disc DB22 MKIV, Modul-X			**29 120 30,00 41 4**	4	29 120	FCV1901B		248	105	30			UAI171/UAI172	
Haldex-Brake Intra disc DB22 MKII, MKIII	2000→		**29 143 30,00 41 4**	4	29 143	FCV1367B	430	248	105	30			UAI171/UAI172	**BCR199A**
Haldex Disc Brake DB22LT (22, 5")	01/06→		**29 195 30,00 41 4**	4	29 195	FCV1814BFE		210	93.8	30	Eurotrailer axle application between 9 and 11 tons			
Haldex Disc Brake DB19	01/06→		**29 207 30,00 41 4**	4	29 207	FCV1815BFE		210	92	30			UAI175	
Knorr SB6...-Brake (19,5")	2000→		**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30				**BCR200A**
Knorr SB7...-Brake (22, 5")			**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR199A**
Wabco PAN22-Brake (22, 5")			**29 154 30,00 40 4**	4	29 154	FCV1366	430	248	108	30			UAI166	**BCR199A**

SMB

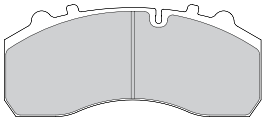
311 x 203mm (C 3)		R	**19 608 18,40 00 6**	4	19 609	FU/17/1	311	136	203	►19,3		93275		
				4	19 608	FU/18/1	311	141	203	►18,4		93275		
419 x 178mm (C 2)		R	**19 613 19,20 70 6**	4	19 614	FT/11/1	419	188	178	►18,6	Conical drilling	93281		
				4	19 613	FT/12/1	419	192	178	►19,2	Conical drilling	93281		
419 x 203mm (C1 + L1)		R	**19 557 18,60 70 6**	4	19 606	FT/6/1	419	188	203	►19,2	Conical drilling	93281		
				4	19 557	FT/7/1	419	192	203	►18,6	Conical drilling	93281		

29 120 30,00 41 4
4550 HAL DB22

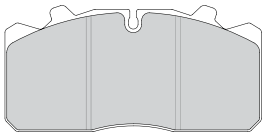


29 143 30,00 41 4
4550 HAL DB22

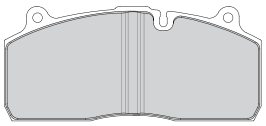
29 154 30,00 40 4
4550 WAB PAN 22



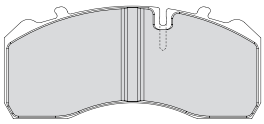
29 159 30,00 40 4
4569 WAB PAN 19-1



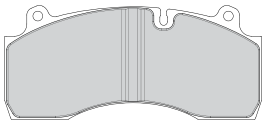
29 195 30,00 41 4
4581 HAL DB22LT



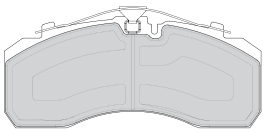
29 197 30,00 41 4
4550, 4569 KNR SB/SN6



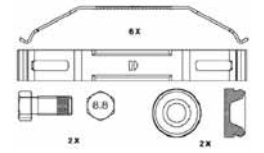
29 207 30,00 41 4
4581 HAL DB19



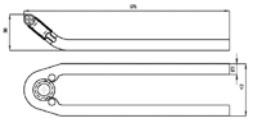
29 253 30,00 41 4
4550 KNR SB/SN7



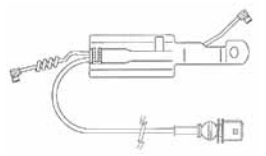
UAC166 ↔



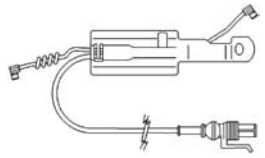
UAC170 ↔



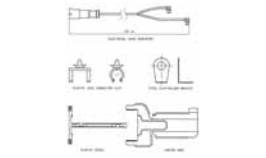
UAI166 ↔ 450mm
2



UAI168 ↔ 380mm
2

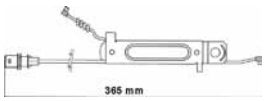


UAI171 ↔ 430mm
2



UAI172 ↔ 940mm
2

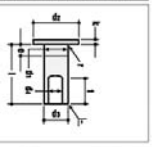
UAI175 ↔ 365mm
2



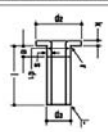
		∅	A	B	C	D		Kg		ABS
BCR199A		430	45.0	38.0	155	280	10x26,5	36.2		✓
BCR200A		377	45.0	38.0	138	169	8xM14	27.0		✓
BCR202A		377	45.0	38.0	157	169	8x23	27.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

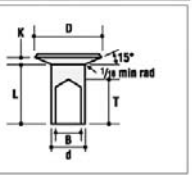
Type B – Semi-Tubular Rivet

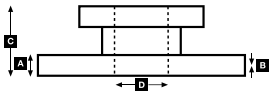


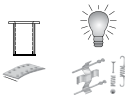
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...GIGANT GROUP

Trenkamp & Gehle

Protec-axle for Knorr SB5...			**29 183 27,00 41 3**	4	29 183	FCV1277BFE		185	84	27/34				
Protec-axle for Knorr SB6...			**29 197 30,00 41 4**	4	29 197	FCV1329BFE		211	93	30				
Protec-axle for Knorr SB7...			**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30	No ABS			**FCR293A**
							430	248	108	30	ABS			**FCR294A**

GKN FAD Axles

300 x 100			**57 251 11,00 00 4**	4	57 251		300	248.5	100	11				
300 x 135			**57 248 11,00 00 4**	4	57 248		300	248	135	11				
			57 250 11,00 00 4	4	57 250		300	246.6	135	11				
300 x 150			**59 338 11,00 00 4**	4	59 338		300	286	150	11				
300 x 160			**59 335 11,00 66 4**	4	59 335		300	286	160	11				
400 x 120			**17 016 11,00 00 8**	8	17 016		400	192.7	120	11				

GORICA

All

300 x 200mm Jumbo		R	**19 676 10,00 60 4**	4	19 676	BC/119/1	300	265	200	10,0		93252		
360 x 200mm Jumbo		R	**19 902 17,80 00 6**	4	19 902	BC/100/1	360	159	200	►17,8		93251		
				4	19 903	BC/101/1	360	188	200	►17,8		93251		
420 x 180mm		R	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm		R	**19 644 17,80 00 8**	8	19 644	BC/116/1	420	204	200	►17,8		93252		

GRANNING LYNX

All

311x190mm		R	**19 604 14,80 60 6**	4	19 604	RW/9/3	311	126	190	►14,8		93685		
				4	19 605	RW/13/3	311	158	190	►16,1		93685		

HANDS

All

394 x 152mm			**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

HIGHWAY

All

394 x 152mm			**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

HOYNOR

All

311 x 178mm			**19 783 14,60 60 6**	4	19 783	MQ/3/2	311	148	178	►14,6		93684		
				4	19 784	MQ/4/2	311	146	178	►14,3		93684		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

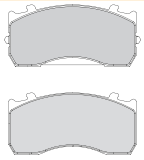
ILASA-TMM

All

410 x 200mm			**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►17,3	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	162	200	►16,5		93049		

BERAL®

29 183 27,00 41 3
4550 KNR SB/SN5



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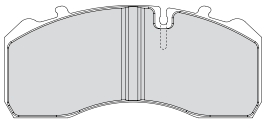
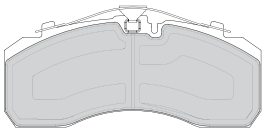
4569 KNR SB/SN6



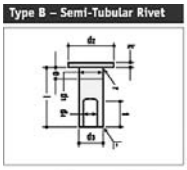
29 253 30,00 41 4
4569 KNR SB/SN7



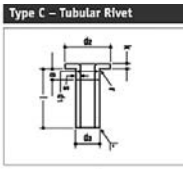
		∅	A	B	C	D		Kg		ABS
FCR293A		430	45.0	38.0	160	290	10x23	34.5		
FCR294A		430	45.0	38.0	160	290	10x23	37.4		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

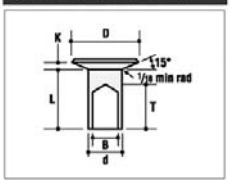
Type B – Semi-Tubular Rivet

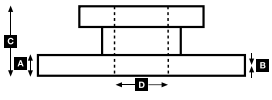


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





ITAS

All

420 x 200mm			**19 677 17,80 00 8**	8	19 677		420	204	200	►17,8				

KAISER

All

300 x 200mm SAF			**19 515 15,70 00 6**	4	19 516	SJ/22/1	300	132	200	►16,6		93252		
				4	19 515	SJ/23/1	300	127	200	►15,7		93252		
303 x 200mm SAE S3320			**19 762 15,90 00 6**	4	19 762	LZ/2/1	303	143	200	►15,9		93252		
				4	19 763	LZ/3/1	303	141	200	►15,8		93252		
305 x 150mm SAE S3315			**19 760 15,90 00 6***	4	19 760	SA/36/2	305	144	150	►15,9	*use/verwenden B2044170	93252		
				4	19 761	SA/37/2	305	140	150	►15,8		93252		
305 x 200mm SAE S3120/3220			**19 405 11,50 60 8**	8	19 405	SE/4/1	305	141	200	11,5		93049		
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 178mm SAF			**19 036 18,60 00 6**	4	19 037	DF/24/1	419	192	178	►18,0		93275		
				4	19 036	DF/25/1	419	189	178	►18,6		93275		
419 x 203mm			**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		
420 x 178mm SAF SNF			**19 283 20,60 00 6**	4	19 283	SJ/28/1	420	177	178	►20,6		93251		
				4	19 284	SJ/29/1	420	183	178	►20,0		93251		
420 x 180mm SAF SNF			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm SAF SNF			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		
420 x 203mm SAF SNF			**19 477 20,60 00 6**	4	19 477	SJ/30/1	420	188	203	►20,6		93251		
				4	19 478	SJ/31/1	420	192	203	►20,0		93251		

KÄSSBOHRER

300 x 200mm

Cam brake, 1. Series		All	**19 103 10,00 60 8**	8	19 103	BC/55/1	300	142	200	10,0		93251		
S-Cam brake, series 2, low loader		All	**19 568 18,00 00 8**	8	19 568	BC/108/1	300	140	200	►18,0		93252		
S-Cam brake		All	**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		

400 x 150mm

All		All	**19 168 19,40 00 6**	4	19 168	BC/92/1	400	214	150	►19,4		93252		
				4	19 169	BC/93/1	400	215	150	►19,8		93252		

400 x 200mm

S-Cam brake, 8 to-axle		All	**19 166 19,80 00 6**	4	19 166	BC/90/1	400	215	200	19,8		93252		
				4	19 167	BC/91/1	400	215	200	19,4		93252		

400 x 80mm

All		All	**15 247 08,00 60 4**	4	15 247	FD/86/1	400	388	80	8,0		93251		

420 x 120mm

All		All	**17 377 18,00 00 8**	8	17 377	BC/78/1	420	204	120	►18,0		93251		

420 x 180mm

All		All	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		

420 x 200mm

All		All	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

KESSLER

500 X 160 mm

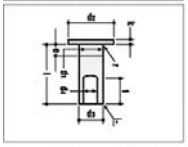
Old version 8 holes			**19 687 17,80 00 8**	8	19 687		500	253	160	►17,8		93067		
New version 10 holes			**19 042 17,80 00 8**	8	19 042	BC/86/1	500	253	160	►17,8		93059		

500 x 180 mm

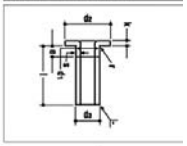
Old version 8 holes			**19 690 17,80 00 8**	8	19 690		500	253	180	►17,8		93067		
New version 10 holes			**19 041 17,80 00 8**	8	19 041		500	253	180	►17,8		93059		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

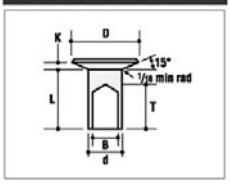
Type B – Semi-Tubular Rivet

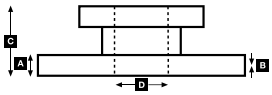


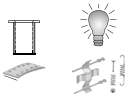
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...KESSLER

All

410 x 180 mm (mobile crane)			**19 723 18,20 00 8**	8	19 723		410	178	180	►18,2	Old version 8 holes	93067		
			19 113 18,20 00 8	8	19 113	AD/44/1	410	178	180	►18,2	New version 10 holes	93067		
500 x 120 mm (mobile crane)			**17 237 17,80 00 8**	8	17 237	PB/15/1	500	253	120	►17,8	Old version 8 holes	93067		
			17 374 17,80 00 8	8	17 374		500	253	120	►17,8	New version 10 holes	93067		

KING

All

300 x 200mm			**19 515 15,70 00 6**	4	19 516	SJ/22/1	300	132	200	►16,6		93252		
				4	19 515	SJ/23/1	300	127	200	►15,7		93252		
311 x 178mm			**19 783 14,60 60 6**	4	19 783	MQ/3/2	311	148	178	►14,6		93684		
				4	19 784	MQ/4/2	311	146	178	►14,3		93684		

KNOTT

All

250 x 40mm 2-2, 5 to Payload GA 2-2, 5/246K 4-01 K 5-01/249 K, K 1-01		R	**11 284 05,00 60 4**	4	11 284	BW/1/1	250	262	40	5,0		93021		
300 x 120mm GA 4, GA 5/6		R	**17 183 10,00 60 8**	8	17 183	BC/53/1	300	142	120	10,0		93252		
350 x 60mm		R	**15 044 06,00 60 4**	4	15 044	FD/85/1	350	339	60	6,0		93047		
400 x 80mm		R	**15 031 09,30 60 4**	4	15 031		400	418	80	9,3				
408 x 160mm		R	**19 634 15,90 00 6**	4	19 634	PB/27/1	410	207	160	►15,9		93067		
				4	19 635	PB/28/1	410	207	160	►15,9		93067		
410 x 180mm for mobile crane		R	**19 723 18,20 00 8**	8	19 723		410	178	180	►18,2	old version	93067		
			19 113 18,20 00 8	8	19 113	AD/44/1	410	178	180	►18,2	new version	93067		
500 x 120mm for mobile crane		R	**17 237 17,80 00 8**	8	17 237	PB/15/1	500	253	120	►17,8	old version	93067		
			17 374 17,80 00 8	8	17 374		500	253	120	►17,8	new version	93067		
500 x 160mm for mobile crane		R	**19 687 17,80 00 8**	8	19 687		500	253	160	►17,8	old version	93067		
			19 042 17,80 00 8	8	19 042	BC/86/1	500	253	160	►17,8	new version	93067		
500 x 180mm for mobile crane		R	**19 690 17,80 00 8**	8	19 690		500	253	180	►17,8	old version	93067		
			19 041 17,80 00 8	8	19 041		500	253	180	►17,8	new version	93067		

LAG

All

300x200mm			**19 515 15,70 00 6**	4	19 516	SJ/22/1	300	132	200	►16,6		93252		
				4	19 515	SJ/23/1	300	127	200	►15,7		93252		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		
420x200 (BPW)			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

LECITRAILER

All

300 x 200mm			**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		
420 x 180mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

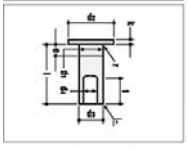
LOHR

All

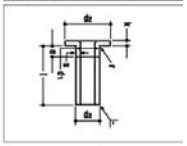
303 x 200mm SAE S3320			**19 762 15,90 00 6**	4	19 762	LZ/2/1	303	143	200	►15,9		93252		
				4	19 763	LZ/3/1	303	141	200	►15,8		93252		
305 x 125mm SAE S3312			**17 897 15,80 00 6**	4	17 897	LZ/7/1	305	151	125	►15,8		93252		
				4	17 898	LZ/8/1	305	143	125	►15,9		93252		
305 x 150mm SAE S3315			**19 760 15,90 00 6***	4	19 760	SA/36/2	305	144	150	►15,9	*use/verwenden B2044170	93252		
				4	19 761	SA/37/2	305	140	150	►15,8		93252		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

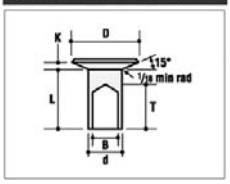
Type B – Semi-Tubular Rivet

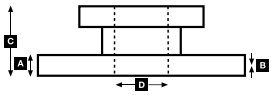


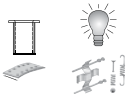
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...LOHR

...All

355 x 150mm			**19 912 18,00 80 6**	4	19 913	LZ/4/1	355	168	150	►18,8		93252		
				4	19 912	LZ/5/1	355	157	150	►18,0		93252		
400 x 150mm KÄSSBOHRER			**19 168 19,40 00 6**	4	19 168	BC/92/1	400	214	150	►19,4		93252		
				4	19 169	BC/93/1	400	215	150	►19,8		93252		

MADURAUD

All

414 x 150mm			**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

MERITOR

All

LM-axle (19, 5") 11 tonnes Meritor DX195	1998→		**29 155 27,00 41 4**	4	29 155	FCV1857BFE	378	205	102	27	No ABS			**BCR197A**
							377				ABS			**BCR223A**
LM-axle Axial Actuation D Elsa 2	02/00→		**29 156 30,00 41 4**	4	29 156	FCV1653BFE		250	118	30	ABS			**BCR250A**
LM-axle Elsa 195	2003→		**29 169 30,00 41 4**	4	29 169	FCV1624B	378	211	100	30	No ABS			**BCR197A**
							377				ABS			**BCR223A**
TA-axle (22, 5") 13 tonnes D DUCO	06/00→		**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29				
TA-axle Axial Actuation D Elsa 2	02/00→		**29 156 30,00 41 4**	4	29 156	FCV1653BFE		250	118	30	ABS			**BCR250A**
TA-axle Elsa 195	2003→		**29 169 30,00 41 4**	4	29 169	FCV1624B	378	211	100	30				**BCR248A**
LM/TM axles (19.5" wheels)	2006→		**29 169 30,00 41 4**	4	29 169	FCV1624B		211	100	30				

All

311 x 178mm 12.1/4 x 7" S-Cam brake		R	**19 783 14,60 60 6**	4	19 783	MQ/3/2	311	148	178	►14,6		93684		
				4	19 784	MQ/4/2	311	146	178	►14,3		93684		
311 x 190mm 12.1/4 x 7.1/2" Type AC		R	**19 604 14,80 60 6**	4	19 604	RW/9/3	311	126	190	►14,8		93685		
				4	19 605	RW/13/3	311	158	190	►16,1		93685		
419 x 203mm 16.1/2 x 8" Type C12SL030		R	**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3	Rivet 6,35mm	93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		
419 x 218mm 16.1/2 x 8.5/8" Type Z		R	**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7	Rivet 6,35mm	93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		
		R	**19 369 18,70 90 6**	4	19 369		419	194	219	►18,7	Rivet 8mm	93252		
				4	19 370		419	189	219	►19,3		93252		
350 x 200mm, Type B		R	**19 908 18,10 00 6**	4	19 908	RW/21/1	350	149	200	►18,1		93685		
				4	19 909	RW/22/1	350	151	200	►18,8		93685		
381 x 177, 8mm		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
410 x 180mm		R	**19 555 20,40 60 5**	6	19 556	RW/28/1	410	180	180	►20,4	Old version. -4/96	93251		
				2	19 555	RW/28/2	410	180	180	►20,4		93251		
		R	**19 714 22,20 60 5**	4	19 556	RW/28/1	410	180	180	►20,4	New version. 5/96→	93251		
				2	19 715	RW/30/1	410	196	180	►21,9		93251		
				2	19 714	RW/31/1	410	196	180	►22,2		93251		
410 x 200mm		R	**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93251		
				2	19 554	RW/29/2	410	180	200	►20,4		93251		
		R	**19 716 22,20 60 5**	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93251		
				2	19 717	RW/32/1	410	196	200	►21,9		93251		
				2	19 716	RW/33/1	410	196	200	►22,2		93251		
419 x 178mm, Typ Q 16.1/2 x 7" Conical drilling		R	**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 178mm 16.1/2 x 7" New Brake Q plus, LM - axle		R	**19 030 22,00 60 6**	4	19 030	RW/34/1	419	189	177	►22,0		93684		
				4	19 033	RW/35/1	419	195	177	►21,4		93684		

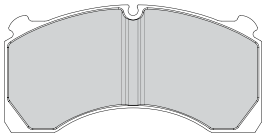
MERRIWORTH

All

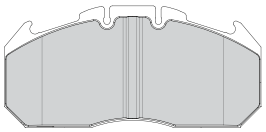
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 203mm			**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		

29 125 29,00 41 4
4562 MER D-DUCO

29 155 27,00 41 4
4550 MER DX195



29 156 30,00 41 4
4572 MER D-ELSA 2



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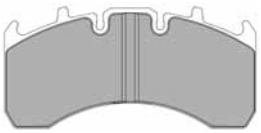
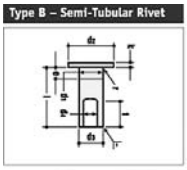
4562 MER ELSA195



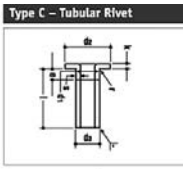
		∅	A	B	C	D		Kg		ABS
BCR197A		378	45.0	42.0	150	222	10xM16	30.5		
BCR223A		377	45.0	38.0	150	222	10xM16	29.9		✓
BCR248A		378	45.0	38.0	150	225	8x24,3 2xM12x1,75	33.5		
BCR250A		434	45.0	38.0	150	222	10xM16	39.6		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

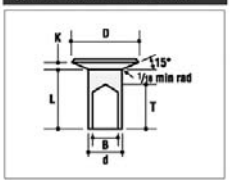
Type B – Semi-Tubular Rivet

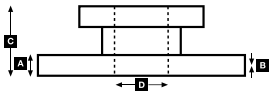


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





MULTIWHEEL

All

419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	▶18,6		93685		
				4	19 037	IL/67/5	419	194	178	▶18,0		93685		

MURFITT

All

419 x 218mm		F	**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	▶18,7		93685		
				4	19 370	FU/5/4	419	192	218	▶19,3		93685		
		R	**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	▶18,7		93685		
				4	19 370	FU/5/4	419	192	218	▶19,3		93685		

NICOLAS

All

303 x 200mm SAE S3320			**19 762 15,90 00 6**	4	19 762	LZ/2/1	303	143	200	▶15,9		93252		
				4	19 763	LZ/3/1	303	141	200	▶15,8		93252		

NORTHERN

All

419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	▶18,6		93685		
				4	19 037	IL/67/5	419	194	178	▶18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	▶18,7		93685		
				4	19 370	FU/5/4	419	192	218	▶19,3		93685		

PEAK

All

419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	▶18,6		93685		
				4	19 037	IL/67/5	419	194	178	▶18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	▶18,7		93685		
				4	19 370	FU/5/4	419	192	218	▶19,3		93685		

PEITZ

All

230 x 40mm		R	**11 082 05,00 60 4**	4	11 082	GL/11/1	230	230	40	5,0		93020		
250 x 40mm		R	**11 084 05,00 60 4**	4	11 084	BC/51/1	250	245	40	5,0		93020		
			11 284 05,00 60 4	4	11 284	BW/1/1	250	262	40	5,0		93021		
300 x 150mm		R	**19 102 10,00 60 8**	8	19 102	BC/54/1	300	141	150	10,0		93251		
310 x 80mm		R	**55 173 08,00 60 4**	4	55 173		310	307	80	8,0		93049		
			15 826 08,00 60 8	8	15 826		310	152	80	8,0	Or split linings	93049		
350 x 60mm		R	**15 044 06,00 60 4**	4	15 044	FD/85/1	350	339	60	6,0		93047		

Servo brake

300 x 60mm		R	**15 004 05,00 60 4**	4	15 004	BC/52/1	300	290	60	5,0		93021		

PERLINI

All

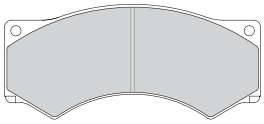
420 x 90mm		R	**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93252		

PERROT BREMSEN (WABCO)

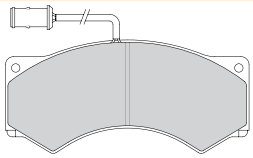
All

1000 V-G for MAN, Neoplan		F	**29 055 22,00 40 4**	4	29 055	FCV987		176	83	22				
		R	**29 055 22,00 40 4**	4	29 055	FCV987		176	83	22				
1600 V-G for DAF		F	**29 077 27,00 40 3**	4	29 077	FCV1042		205	106	27				
for DAF, IVECO, Leyland		F	**29 017 23,00 40 4**	4	29 017	FCV376		191	89	23				
			29 024 23,00 41 3*	4	29 024	FCV503		191	89	23	* use/verwenden FCV503			

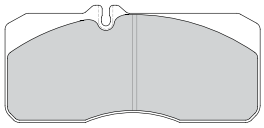
29 017 23,00 40 4
3422 WAB 456 F-Ö



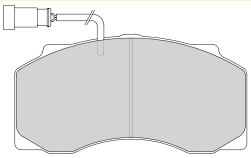
29 024 23,00 41 3*
1721 WAB 456 F-Ö



29 055 22,00 40 4
4551 WAB 1000 V-G

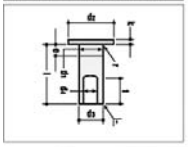


29 077 27,00 40 3
1721 WAB 1600 V-G

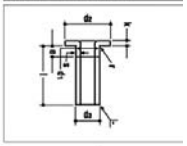


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93020	7.5	04x08	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

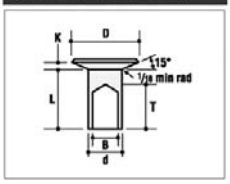
Type B – Semi-Tubular Rivet

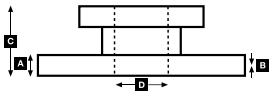


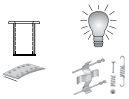
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...PERROT BREMSEN (WABCO)

...All

for IVECO		F	**21 006 18,00 41 3***	4	21 006	FVR492		149	69	18	* use/verwenden FVR492			
			29 012 18,00 41 3	4	29 012	FVR709		149	69	18				
			29 040 18,00 41 3*	4	29 040	FVR516		149	69	18	* use/verwenden FVR516			
			29 029 23,00 41 3*	4	29 029	FCV952		191	87	23	* use/verwenden FCV952			
			29 001 20,00 41 3*	4	29 001	FVR852		174	69	20	* use/ verwenden FVR852			
			29 018 28,00 40 4*	8	29 018	FCV983		162	111	28	* use/verwenden FCV983			
for Mercedes-Benz, Volkswagen		F	**29 153 19,70 40 4**	4	29 153	FVR1879		165	73	19►7				
		R	**29 153 19,70 40 4**	4	29 153	FVR1879		165	73	19►7				
PAN17 for DAF, Renault Trucks		F	**29 088 26,00 40 4**	4	29 088	FCV1279		176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAI152 (DAF) UAC173	
			29 088 26,00 40 4	4	29 088	FCV1279		176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAI151 (Ren. T) UAC173	
PAN17 for MAN			**29 088 26,00 40 4**	4	29 088	FCV4283		176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAI150 (MAN) UAC173	
PAN17 for IVECO		F	**29 088 26,00 40 4**	4	29 088	FCV1354	330	176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAI126 UAC173	**BCR237A**
		R	**29 088 26,00 40 4**	4	29 088	FCV1354	330	176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAI126 UAC173	**BCR237A**
PAN19-1 for SAF			**29 159 30,00 40 4**	4	29 159	FCV4043		211	93	30	UAC166 (SPRINGS) / UAC170(FORKS)		UAI178 UAC166	
PAN22 for SMB Trailer		R	**29 154 30,00 40 4**	4	29 154	FCV1366		248	108	30			UAI166	

PIACENZA

All

300 x 200mm			**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		
335 x 210mm			**19 700 14,50 60 8**	8	19 700	YK/12/1	335	156	210	14,5		93684		
420 x 90mm			**15 494 12,00 60 4**	4	15 494	FI/95/1	420	397	90	12,0		93060		
420 x 180mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

PITT

All

394 x 152mm			**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

PRIM-BALL

All

420 x 180mm BPW			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm BPW			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

PRIMROSE

All

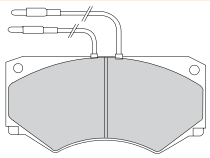
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		

ROCKWELL

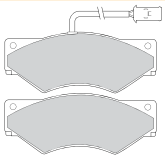
All

360 x 170mm			**19 928 19,70 00 8***	8	19 928	RW/26/1	360	167	170	►19,7	*use/verwenden K19928.0-3537	93683		
381 x 178mm			**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		

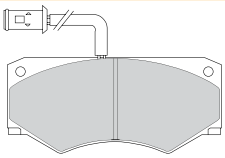
21 006 18,00 41 3*
1721



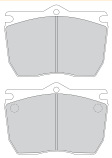
29 001 20,00 41 3*
3475



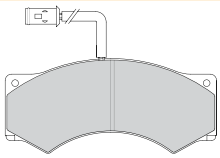
29 012 18,00 41 3
1721



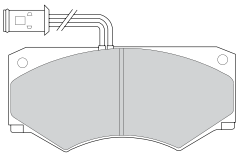
29 018 28,00 40 4*
3475 WAB 485 F-Ö



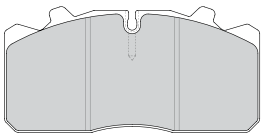
29 029 23,00 41 3*
1721 WAB 456 F-Ö



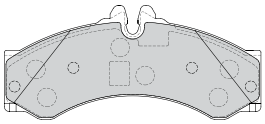
29 040 18,00 41 3*
1721



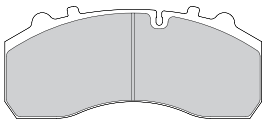
29 088 26,00 40 4
1723, 4523, 4568 WAB PAN 17



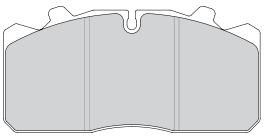
29 153 19,70 40 4
4020



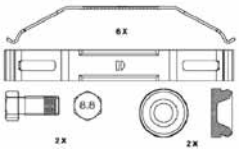
29 154 30,00 40 4
4550 WAB PAN 22



29 159 30,00 40 4
4569 WAB PAN 19-1

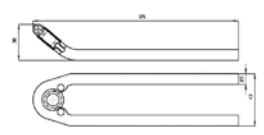


UAC166 ↔

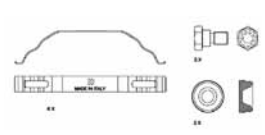


UAC169 ↔

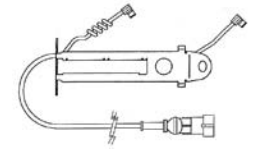
UAC170 ↔



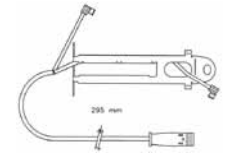
UAC173 ↔



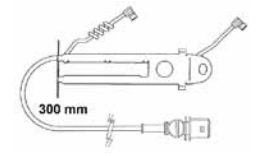
UAI126 ↔ 365mm
2



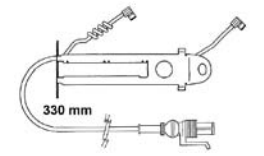
UAI150 ↔ 295mm
2



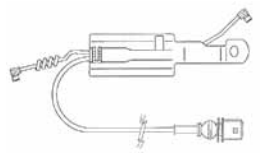
UAI151 ↔ 300mm
2



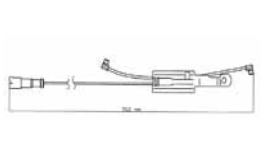
UAI152 ↔ 330mm
2



UAI166 ↔ 450mm
2



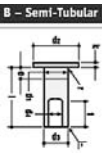
UAI178 ↔ 760mm
2



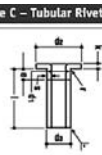
	⌀	A	B	C	D		Kg		ABS
BCR237A	330	34.0	28.0	141	215	8x20 2xM10	23.2		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

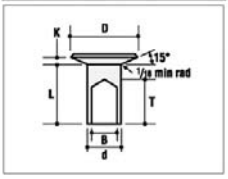
Type B – Semi-Tubular Rivet

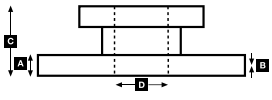


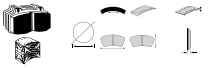
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...ROCKWELL

...All

410 x 180mm			**19 555 20,40 60 5**	6	19 556	RW/28/1	410	180	180	►20,4	Old version. -4/96	93251		
				2	19 555	RW/28/2	410	180	180	►20,4		93251		
			19 714 22,20 60 5	4	19 556	RW/28/1	410	180	180	►20,4	New version. 5/96→	93251		
				2	19 715	RW/30/1	410	196	180	►21,9		93251		
				2	19 714	RW/31/1	410	196	180	►22,2		93251		
410 x 200mm			**19 554 20,40 60 5**	6	19 553	RW/29/1	410	180	200	►20,4	Old version. -4/96	93251		
				2	19 554	RW/29/2	410	180	200	►20,4		93251		
			19 716 22,20 60 5	4	19 553	RW/29/1	410	180	200	►20,4	New version. 5/96→	93251		
				2	19 717	RW/32/1	410	196	200	►21,9		93251		
				2	19 716	RW/33/1	410	196	200	►22,2		93251		

ROLFO

All

300 x 200mm			**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		
420 x 90mm			**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93252		
420 x 180mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

S.A.E → SEE GIGANT GROUP

SAF

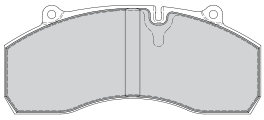
All

MK II, MKIII DB22 caliper types			**29 120 30,00 41 4**	4	29 120	FCV1901B		248	105	30	without bump			
MK IV, ModulX DB22 caliper types			**29 143 30,00 41 4**	4	29 143	FCV1367B	430	248	105	30	with bump		UAI171/UAI172	
							430				Opt			
Haldex-Brake Intra disc DB22 MKIV, Modul-X			**29 120 30,00 41 4**	4	29 120	FCV1901B		248	105	30			UAI171/UAI172	
Haldex-Brake Intra disc DB22 MKII, MKIII			**29 143 30,00 41 4**	4	29 143	FCV1367B	430	248	105	30			UAI171/UAI172	
Knorr SB/SN6... (19,5")			**29 197 30,00 41 4**	4	29 197	FCV1329BFE	377	211	93	30				**BCR202A**
							375				Opt			**BCR204A**
Knorr SB/SN7... (22, 5")			**29 253 30,00 41 4**	4	29 253	FCV4344PTS	430	248	109	30				**BCR201A**
							430				Opt			**BCR203A**
9-11 ton (Knorr SK7...)			**29 158 30,00 41 4**	4	29 158	FCV1657B		210.8	108	30				
Wabco PAN19-1			**29 159 30,00 40 4**	4	29 159	FCV1963	377	211	93	30	UAC166/UAC170(FORKS)		UAI178 UAC166	**BCR202A**
							375				Opt			**BCR204A**
Wabco PAN22			**29 154 30,00 40 4**	4	29 154	FCV1366	430	248	108	30			UAI166	**BCR201A**
							430				Opt			**BCR203A**
Wabco PAN22-1			**29 162 31,00 40 4**	4	29 162	FCV1828	430	210.3	109.8	31	UAC167/UAC171(FORKS)		UAI174 UAC167	**BCR203A**

All

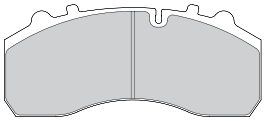
250 x 40mm		R	**11 284 05,00 60 4**	4	11 284	BW/1/1	250	262	40	5,0		93021		
300 x 80mmn		R	**15 077 16,00 00 8**	8	15 077		300	148	80	►16,0		93251		
300 x 150mm		R	**19 102 10,00 60 8**	8	19 102	BC/54/1	300	141	150	10,0		93251		
300 x 150mm (SN 300 x 150)		R	**19 517 15,70 00 6**	4	19 518	SJ/24/1	300	131	150	►16,6		93252		
				4	19 517	SJ/25/1	300	127	150	►15,7		93252		
300 x 200mm		R	**19 103 10,00 60 8**	8	19 103	BC/55/1	300	142	200	10,0		93251		
300 x 200mm (SN 300 x 200)		R	**19 515 15,70 00 6**	4	19 516	SJ/22/1	300	132	200	►16,6		93252		
				4	19 515	SJ/23/1	300	127	200	►15,7		93252		
300 x 60mm		R	**15 004 05,00 60 4**	4	15 004	BC/52/1	300	290	60	5,0		93021		
350 x 60mm		R	**15 044 06,00 60 4**	4	15 044	FD/85/1	350	339	60	6,0		93047		
355 x 150mm (SN 355 x 150)		R	**19 912 18,00 80 6**	4	19 913	LZ/4/1	355	168	150	►18,8		93252		
				4	19 912	LZ/5/1	355	157	150	►18,0		93252		
355 x 200mm (SN 355 x 200)		R	**19 892 18,00 00 6**	4	19 892	SJ/26/1	355	157	200	►18,0		93252		
				4	19 893	SJ/27/1	355	168	200	►18,8		93252		
367 x 180mm (SNK 367 x 180)		R	**19 479 20,60 00 6**	4	19 479	SJ/32/1	367	169	180	►20,6		93252		
				4	19 480	SJ/33/1	367	167	180	►20,0		93252		
367 x 200mm (SNK 367 x 200)		R	**19 490 20,60 00 6**	4	19 490	SJ/34/1	367	169	200	►20,6		93251		
				4	19 491	SJ/35/1	367	167	200	►20,0		93251		

29 120 30,00 41 4
4550 HAL DB22

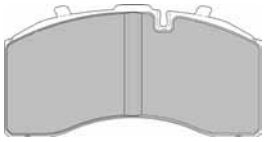


29 143 30,00 41 4
4550 HAL DB22

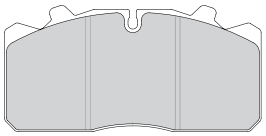
29 154 30,00 40 4
4550 WAB PAN 22



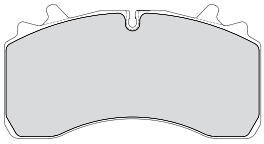
29 158 30,00 41 4
4550 KNR SK7



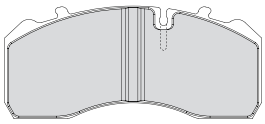
29 159 30,00 40 4
4569 WAB PAN 19-1



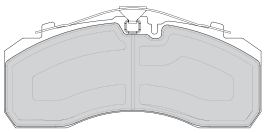
29 162 31,00 40 4
4569 WAB PAN 22-1



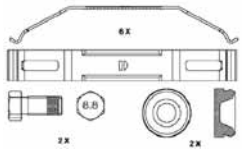
29 197 30,00 41 4
4569 KNR SB/SN6



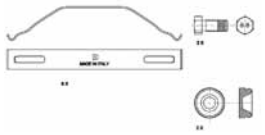
29 253 30,00 41 4
4569 KNR SB/SN7



UAC166 ↔

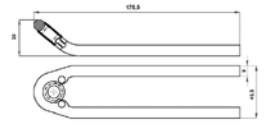


UAC167 ↔

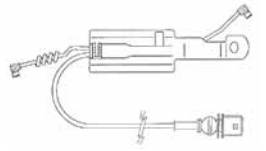


UAC170 ↔

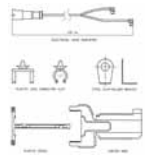
UAC171 ↔



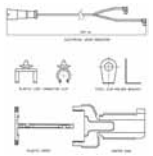
UAI166 ↔ 450mm
2



UAI171 ↔ 430mm
2

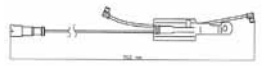


UAI172 ↔ 940mm
2



UAI174 ↔ 770mm
2

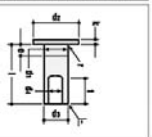
UAI178 ↔ 760mm
2



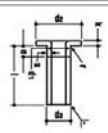
		∅	A	B	C	D		Kg	
BCR201A		430	45.0	37.0	130	131	12x19 3xM12	33.0	
BCR202A		377	45.0	38.0	157	169	8x23	27.0	
BCR203A		430	45.0	37.0	160	192	10x23	38.8	
BCR204A		375	45.0	38.0	139	131	12x19 3xM12	25.4	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

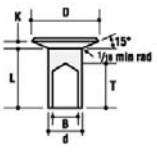
Type B – Semi-Tubular Rivet

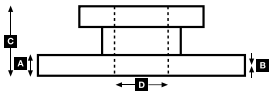


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...SAF

...All

400 x 80mm		R	**15 751 12,40 60 8**	8	15 751		400	195	80	►12,4		93251		
400 x 120mm		R	**17 115 10,00 60 8**	8	17 115	BC/39/1	400	190	120	10,0		93252		
419 x 178mm		R	**19 036 18,60 80 6**	4	19 037		419	192	178	►18,0		93252		
				4	19 036		419	189	178	►18,6		93252		
419 x 203mm		R	**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93252		
				4	19 365	RW/2/3	419	192	203	►18,7		93252		
419 x 203mm		R	**19 557 18,60 70 6**	4	19 606	FT/6/1	419	188	203	►19,2		93281		
				4	19 557	FT/7/1	419	192	203	►18,6		93281		
420 x 120mm (SNF 420 x 120)		R	**17 399 18,00 00 8**	8	17 399		420	204	120	►18,0		93251		
420 x 160mm		R	**19 200 17,80 00 8**	8	19 200	BC/35/1	420	204	160	►17,8		93251		
420 x 180mm (SNF 420 x 180)		R	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 178mm (SNK 420 x 180)		R	**19 283 20,60 00 6**	4	19 283	SJ/28/1	420	177	178	►20,6		93251		
				4	19 284	SJ/29/1	420	183	178	►20,0		93251		
420 x 200mm (SNK 420 x 200)		R	**19 477 20,60 00 6**	4	19 477	SJ/30/1	420	188	203	►20,6		93251		
				4	19 478	SJ/31/1	420	192	203	►20,0		93251		
420 x 200mm (SNF 420 x 200)			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

SAMRO

All

311 x 190mm ROR			**19 604 14,80 60 6**	4	19 604	RW/9/3	311	126	190	►14,8		93685		
				4	19 605	RW/13/3	311	158	190	►16,1		93685		
350 x 200mm ROR			**19 908 18,10 00 6**	4	19 908	RW/21/1	350	149	200	►18,1		93685		
				4	19 909	RW/22/1	350	151	200	►18,8		93685		
419 x 178mm ROR			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 203mm ROR			**19 365 18,70 90 6**	4	19 366	RW/1/3	419	189	203	►19,3		93685		
				4	19 365	RW/2/3	419	192	203	►18,7		93685		
419 x 218mm ROR			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

Axles with Disc Brakes

Fontenax Wabco Pan19-2			**29 142 30,00 40 4**	4	29 142	FCV1389		204.6	99.6	30	UAC168 (SPRINGS)/ UAC170 (FORKS)		UAC168	
Knorr SB7…			**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	109	30				
Meritor D-ELSA2			**29 156 30,00 41 4**	4	29 156	FCV1653BFE		250	118	30				

SCAMMELL

All

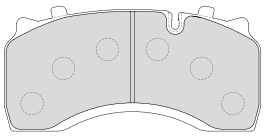
311 x 190mm			**19 604 14,80 60 6**	4	19 604	RW/9/3	311	126	190	►14,8		93685		
				4	19 605	RW/13/3	311	158	190	►16,1		93685		
394 x 152mm			**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
419 x 178mm			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 218mm			**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

SCANIA

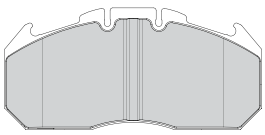
All

16.1/4 x 10" 413 x 254mm		R	**19 647 19,00 60 8**	8	19 647	SV/34/1	413	193	254	19,0	→7/88	93687		
			19 933 19,00 00 4	4	19 933	SV/42/2	413	235	254	19,0	8/88→	93280		
16.1/4 x 5" 413 x 127mm		R	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0	→7/88	93687		
			17 991 19,00 00 4	4	17 991	SV/39/2	413	235	127	19,0	8/88→	93280		
16.1/4 x 7" 413 x 178mm		R	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0	→7/88	93687		
			19 931 19,00 00 4	4	19 931	SV/40/2	413	235	178	19,0	8/88→	93280		
16.1/4 x 8" 413 x 203mm		R	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0	→7/88	93687		
			19 932 19,00 00 4	4	19 932	SV/41/2	413	235	203	19,0	8/88→	93280		

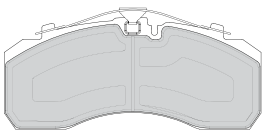
29 142 30,00 40 4
4572 WAB PAN 19-2



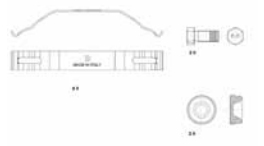
29 156 30,00 41 4
4572 MER D-ELSA 2



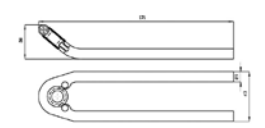
29 253 30,00 41 4
4550 KNR SB/SN7



UAC168

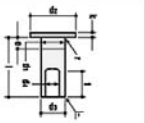


UAC170

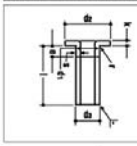


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93280	12	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

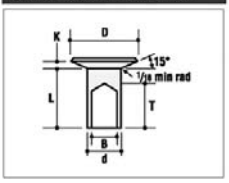
Type B – Semi-Tubular Rivet

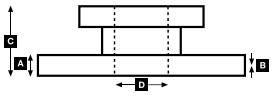


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





SEDDON ATKINSON

All

394 x 152mm		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
410 x 200mm		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

SISU

All

394 x 178 mm		F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
410 x 150 mm			**19 144 19,80 00 6**	4	19 144	SV/43/1	410	211	150	19,8/18		93282		
				4	19 145	SV/44/1	410	211	150	18,9/12,2		93282		
410 x 180 mm			**19 146 19,80 00 6**	4	19 146	SV/45/1	410	211	180	19,8/18		93282		
				4	19 147	SV/46/1	410	211	180	18,9/12,2		93282		
410 X 210 mm			**19 217 19,80 00 6**	4	19 217	SV/47/1	410	211	210	19,8/18		93282		
				4	19 218	SV/48/1	410	211	210	18,9/12,2		93282		
413 x 203mm		R	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0		93687		
419 x 152mm		R	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		

SMB → SEE GIGANT GROUP

TITAN

All

414 x 150mm Bendix			**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
419 x 178mm ROR			**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		

TRABOSA

All

300 x 200mm BPW			**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		

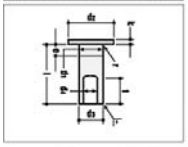
TRAILOR

All

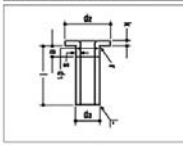
300 x 150mm		R	**19 517 15,70 00 6**	4	19 518	SJ/24/1	300	131	150	►16,6		93252		
				4	19 517	SJ/25/1	300	127	150	►15,7		93252		
300 x 200mm		R	**19 967 16,30 00 6***	4	19 967	BC/106/1	300	132	200	16,3	*use/verwenden B2800927	93275		
				4	19 968	BC/107/1	300	129	200	15,4		93275		
		R	**19 103 10,00 60 8**	8	19 103	BC/55/1	300	142	200	10,0	Opt.	93251		
355 x 150mm		R	**19 912 18,00 00 6**	4	19 912	FT/19/1	355	157	150	►18,0	Rivet 5mm			
				4	19 913	FT/20/1	355	157	150	►18,8				
355 x 150mm		R	**19 912 18,00 80 6**	4	19 913	LZ/4/1	355	168	150	►18,8	Rivet 8mm	93252		
				4	19 912	LZ/5/1	355	157	150	►18,0		93252		
355 x 150mm H100 TEM			**19 912 18,00 80 6**	4	19 912	FT/19/1	355	157	150	►18,0				
				4	19 913	FT/20/1	355	157	150	►18,8				
419 x 152mm			**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
419 x 178mm axle SMB C 2		R	**19 613 19,20 70 6**	4	19 614	FT/11/1	419	188	178	►18,6	Conical drilling	93281		
				4	19 613	FT/12/1	419	192	178	►19,2		93281		
419 x 178mm		R	**19 036 18,60 00 6**	4	19 037	DF/24/1	419	192	178	►18,0	Cylindrical drilling	93275		
				4	19 036	DF/25/1	419	189	178	►18,6		93275		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93282	12.5	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

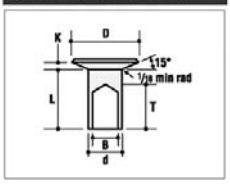
Type B – Semi-Tubular Rivet

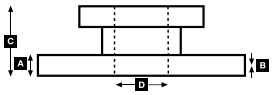


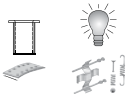
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...TRAILOR

...All

419 x 203mm			**19 365 18,70 80 6**	4	19 366	RW/1/3	419	189	203	►19,3		93252		
				4	19 365	RW/2/3	419	192	203	►18,7		93252		
419 x 203mm axle SMB C 1		R	**19 557 18,60 70 6**	4	19 606	FT/6/1	419	188	203	►19,2	Conical drilling	93281		
				4	19 557	FT/7/1	419	192	203	►18,6		93281		

TRENKAMP & GEHLE → SEE GIGANT GROUP

VIBERTI

All

Unified. 120 q. li		F	**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93252		
		R	**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93252		
18 T		R	**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93252		
420 x 200mm			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

VOLVO

All

410 x 200mm		R	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
410 x 220mm		R	**19 824 18,40 00 5**	2	19 824	PB/35/1	410	202	220	►18,4		93067		
				6	19 838	PB/35/2	410	202	220	►18,4		93067		

WARSTEINER

All

300 x 120mm			**17 183 10,00 60 8**	8	17 183	BC/53/1	300	142	120	10,0		93252		
300 x 150mm			**19 102 10,00 60 8**	8	19 102	BC/54/1	300	141	150	10,0		93251		
300 x 200mm			**19 103 10,00 60 8**	8	19 103	BC/55/1	300	142	200	10,0		93251		
300 x 60mm			**15 004 05,00 60 4**	4	15 004	BC/52/1	300	290	60	5,0		93021		
350 x 60mm			**15 044 06,00 60 4**	4	15 044	FD/85/1	350	339	60	6,0		93047		
420 x 120mm			**17 377 18,00 00 8**	8	17 377	BC/78/1	420	204	120	►18,0		93251		
420 x 160mm			**19 200 17,80 00 8**	8	19 200	BC/35/1	420	204	160	►17,8		93251		
420 x 180mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		

YORK TRAILERS

2000 Axle

419 x 178mm		R	**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		

All

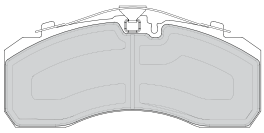
311 x 178mm		All	**19 783 14,60 60 6**	4	19 783	MQ/3/2	311	148	178	►14,6		93684		
				4	19 784	MQ/4/2	311	146	178	►14,3		93684		
335 x 150mm Hendrickson Bremse		All	**17 362 14,50 60 8**	8	17 362	YK/13/1	335	156	150	14,5		93684		
335 x 210mm		All	**19 700 14,50 60 8**	8	19 700	YK/12/1	335	156	210	14,5		93684		
394 x 152, 4mm		All	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
419 x 178mm		All	**19 036 18,60 90 6**	4	19 036	IL/66/5	419	188	178	►18,6		93685		
				4	19 037	IL/67/5	419	194	178	►18,0		93685		
419 x 178mm Cylindrical drilling		All	**19 036 18,60 00 6**	4	19 037	DF/24/1	419	192	178	►18,0		93275		
				4	19 036	DF/25/1	419	189	178	►18,6		93275		
419 x 218mm		All	**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	218	►18,7		93685		
				4	19 370	FU/5/4	419	192	218	►19,3		93685		

ZF

All

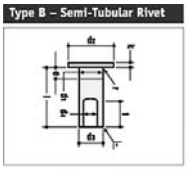
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30				

29 253 30,00 41 4
4550 KNR SB/SN7

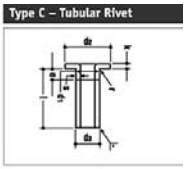


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

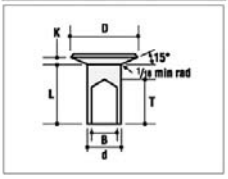
Type B – Semi-Tubular Rivet

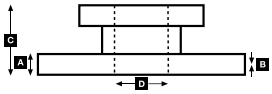


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





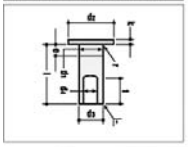
ZORZI

All

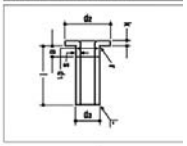
300 x 200mm			**19 574 18,00 00 8**	8	19 574	BC/80/1	300	144	200	►18,0		93251		
350 x 200mm			**19 908 18,10 00 6**	4	19 908	RW/21/1	350	149	200	►18,1		93685		
				4	19 909	RW/22/1	350	151	200	►18,8		93685		
420 x 90mm			**15 207 08,00 60 4***	4	15 207	FI/79/2	420	406	90	8,0	* use/verwenden K15207.0-F3656	93252		
420 x 180mm			**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8		93251		
420 x 200mm			**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

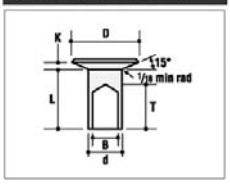
Type B – Semi-Tubular Rivet

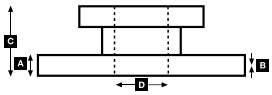


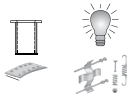
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







AEC

Ranger

4M4L/R	1966→1975	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Reliance

6MU3R	1969→1975	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

Swift

691	1968→1975	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

ALEXANDER PSV

ALX 100

8.1-8.5m	01/96→	F	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22				**BCR163A**
		R	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22				**BCR165A**

Mini

PSV		F	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22				**BCR163A**
		R	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22				**BCR165A**

AUTOSAN

H10-10M Medium

All		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		

H10-11-12

All		F	**19 615 22,15 00 6**	4	19 615		420	195	180	▶22,15		93684		
				4	19 616		420	195	180	▶21,45		93684		
		R	**19 615 22,15 00 6**	4	19 615		420	195	180	▶22,15		93684		
				4	19 616		420	195	180	▶21,45		93684		

AYATS

Atlantis

SB7000		F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				

Atlas

SB7000		F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				

Bravo 1

SB7000		F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				

BEDFORD

All

BLP (Rear Eng.)	1977→1987	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
YLQ	1975→1987	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
YMQ	1983→1987	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

BERKHOF PSV

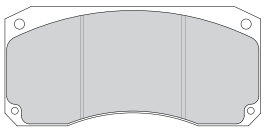
Axial 50

12m	01/91→12/96	F	**29 043 24,00 40 4***	4	29 154	FCV769		204	97	24	* use/verwenden FCV769			
	01/97→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B		250	114	28				

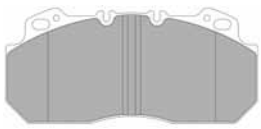
Excellence

3000HD		F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR170A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR170A**

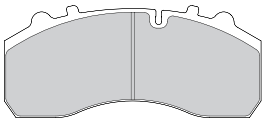
29 043 24,00 40 4
1720 MER D2



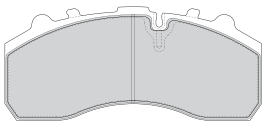
29 090 28,00 41 4
4567 MER D-LISA



29 154 30,00 40 4
4550 **WAB** PAN 22

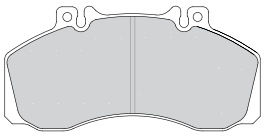


29 179 30,00 41 4
4567 KNR SB/SN7



29 253 30,00 41 4
4550 KNR SB/SN7

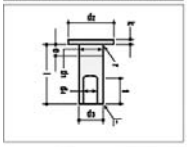
29 835 22,00 40 4
3422



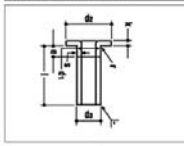
		∅	A	B	C	D		Kg	
BCR163A		324	30.0	26.0	91	118	6xM12	11.0	
BCR165A		324	30.0	26.0	120	157	6xM12	12.2	
BCR170A		430	45.0	37.0	131	208	10xM16	29.5	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

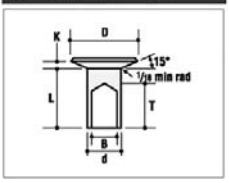
Type B – Semi-Tubular Rivet

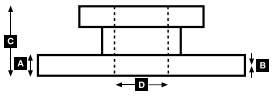


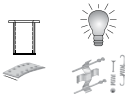
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...BERKHOF PSV

Radial

12m	01/91→12/96	F	**29 043 24,00 40 4**	4	29 043	FCV769		204	97	24				
	01/97→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B		250	114	28				

Radial+D361

12m	01/97→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B		250	114	28				

Scania Chassis

		F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR170A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR170A**

BMC

1100 Falcon

School Bus	2002→		**29 088 26,00 40 4**	4	29 088	FCV1279		176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAC173	

BOGDAN

A-0100 (Euro-3)

Tourist Bus	2006→	F	**FCV1853**	4	29066		205	80	20	21,5				

A-092 (Euro-3)

City Mini Bus	2004→	F	**FCV1853**	4	29066		205	80	20	21,5				

BOVA

Futura

FHD 10-290, FHD 10-300, FHD 12-290,	01/86→	F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32	01/90→12/94			**FCR100A**
FHD 12-360, FHD 12-370, FVD 12-220, FVD 12-270			**29 179 30,00 42 4**	4	29 179	FCV4374BFE	430	248	109	30	01/95→ wear indicator UAI130 included in the pad set			**BCR168A**
							429				01/95→, Opt			**BCR282A**
FLD 14 Knorr SB/SN7…		F	**29 179 30,00 42 4**	4	29 179	FCV4374BFE	430	248	109	30	wear indicator UAI130 included in the pad set			**BCR168A**
							429				Opt			**BCR282A**

Futura

FHD 10-290	1986→	F	**19 890 18,50 60 6**	4	19 891	DF/32/1	420	179	200	►19,1		93685		
FHD 10-300				4	19 890	DF/33/1	420	177	200	►18,5		93685		
FHD 12-370		R	**19 890 18,50 60 6**	4	19 891	DF/32/1	420	179	200	►19,1		93685		
FVD 12-220				4	19 890	DF/33/1	420	177	200	►18,5		93685		
FVD 12-270		R	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6	Opt.	93685		
				4	19 064	DF/49/1	420	176	200	►20,8		93685		

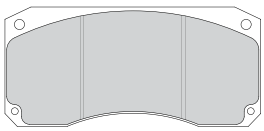
Futura (3-Axle)

FHD 15-430, FHX 15-420, FLD 15-370	01/95→	F	**29 179 30,00 42 4**	4	29 179	FCV4374BFE	430	248	109	30	wear indicator UAI130 included in the pad set			**BCR168A**
							429				Opt			**BCR282A**
		R	**29 179 30,00 42 4**	4	29 179	FCV4374BFE	430	248	109	30	wear indicator UAI130 included in the pad set			**BCR168A**
							429				Opt			**BCR282A**
FHD 12.370A (22, 5") Knorr SB/SN6... 268kW	01/96→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE		211	93	30				

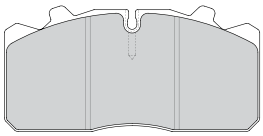
Futura (DAF-Chass.)

FHD 10-290	1983→1985	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
FHD 10-300				4	19 151	DF/21/3	419	216	152	►18,8		93685		
FHD 12-220		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
FHD 12-290				4	19 260	DF/17/2	419	216	178	►18,8		93685		
FHD 12-360														
FHD 12-370														
FVD 12-220	1983→1985	F	**19 890 18,50 60 6**	4	19 891	DF/32/1	420	179	200	►19,1		93685		
FVD 12-270				4	19 890	DF/33/1	420	177	200	►18,5		93685		
		R	**19 890 18,50 60 6**	4	19 891	DF/32/1	420	179	200	►19,1		93685		
				4	19 890	DF/33/1	420	177	200	►18,5		93685		
		R	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6	Opt.	93685		
				4	19 064	DF/49/1	420	176	200	►20,8		93685		

29 043 24,00 40 4
1720 MER D2

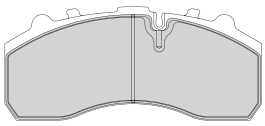


29 088 26,00 40 4
1723 WAB PAN 17

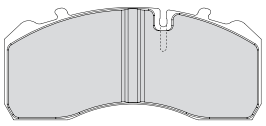


29 090 28,00 41 4
4567 MER D-LISA

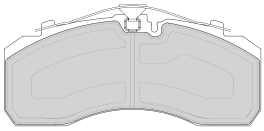
29 179 30,00 42 4
4550 KNR SB/SN7



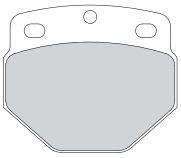
29 197 30,00 41 4
4550 KNR SB/SN6



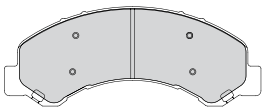
29 253 30,00 41 4
4550 KNR SB/SN7



29 747 32,00 40 8
1721 KNR K 85

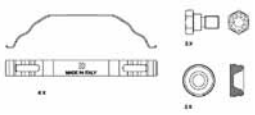


FCV1853
- AKE



UAC169 ↔

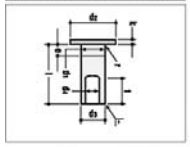
UAC173 ↔



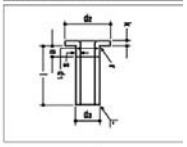
		∅	A	B	C	D		Kg	
BCR168A		430	45.0	37.0	131	203	10xM16	34.4	
BCR170A		430	45.0	37.0	131	208	10xM16	29.5	
BCR282A		429	45.0	37.0	131	220	20xM12	35.5	
FCR100A		460	48.0	40.0	119	170	10xM16	34.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

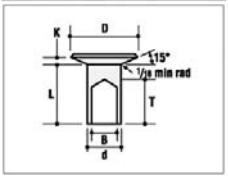
Type B – Semi-Tubular Rivet

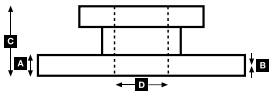


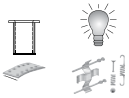
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...BOVA

Futura (Mercedes-Chass.)

FHM 12-290	1983→1994	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
FHM 12-360				4	19 579	MB/75/1	410	214	163	►18,0		93060		
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060		

BRISTOL

LHL, LHS

	1968→1981	R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

CAETANO PSV

Enigma 12m

	1991→1996	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE		250	118	28			UAI161	
	1997→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR192A**

Enigma 12m

		R	**19 922 17,40 60 8**	8	19 922	CS/67/1	394	187	203	►17,4		93685		
		R	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3		93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

Enigma 8.5m

		F	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		
			19 177 16,00 60 8	8	19 177	GG/218/1	360	173	160	►16,0	Opt.	93058		
		R	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		
			19 177 16,00 60 8	8	19 177	GG/218/1	360	173	160	►16,0	Opt.	93058		

Porto 12m

	1991→1996	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE		250	118	28			UAI161	
	1997→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR192A**

Porto 12m

		R	**19 922 17,40 60 8**	8	19 922	CS/67/1	394	187	203	►17,4		93685		
		R	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3		93683/ 93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		

Volvo Chassis

		F	**19 562 19,00 00 6**	4	19 562	VL/76/2	394	190	203	►19,0		93685		
				4	19 563	VL/77/1	394	146	203	►19,0		93685		
		R	**19 799 19,00 60 6**	4	19 800	VL/81/2	394	190	254	►19,0		93685		
				4	19 799	VL/82/1	394	146	254	►19,0		93685		

DAF

Cub Bus

CU385/453	1983→1994	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
		R	**17 662 09,50 60 3**	2	17 662	GG/163/1	330	300	127	9,5		93684		
				2	17 663	GG/164/1	330	343	127	9,5		93684		

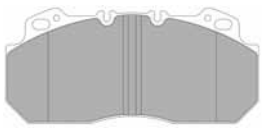
Cub Coach

CU385/435	1983→1994	F	**17 555 09,50 60 4**	4	17 555	GG/144/1	330	299	101	9,5				
		R	**17 662 09,50 60 3**	2	17 662	GG/163/1	330	300	127	9,5		93684		
				2	17 663	GG/164/1	330	343	127	9,5		93684		

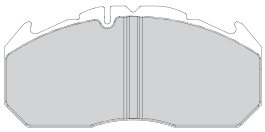
MB200

All	1989→	F	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6		93686		
				4	19 031	DF/43/1	419	220	152	►20,8		93686		
		R	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6		93686		
				4	19 031	DF/43/1	419	220	152	►20,8		93686		
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	Opt.	93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		

29 090 28,00 41 4
4567 MER D-LISA

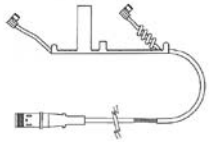


29 210 28,00 41 4
4568 MER D3/D-ELSA 1



UAI116 ↔ 226mm
2

UAI161 ↔ 385mm
2

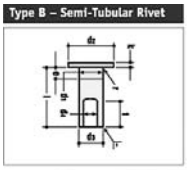


UAI202 ↔ 195mm
4

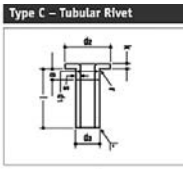
		∅	A	B	C	D		Kg	
BCR192A		438	45.0	38.0	127	195	10xM16	35.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

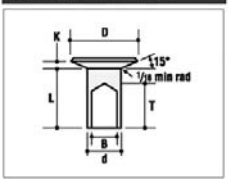
Type B – Semi-Tubular Rivet

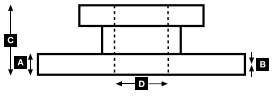


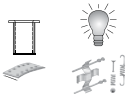
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...DAF

MB200, MBG200

DKFL, DKVL, DKTL	1974→1985	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		F	**17 263 18,30 60 6**	4	17 263	DF/22/3	419	209	127	►18,3	Opt.	93685		
				4	17 264	DF/23/3	419	216	127	►18,8		93685		
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
		R	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	MBG200 Trailing axle	93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		

MB201

All DKCL	1974→1980 1987→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		

MB230

LB, LT	01/87→	F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32				**FCR100A**

MB230

		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		
All	1984→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	Opt.	93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
	1990→	F	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6	Opt.	93686		
				4	19 031	DF/43/1	419	220	152	►20,8		93686		

MBG200

All	1984→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		
		R	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8	Opt.	93251		
DKFL	1983→	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R1	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
		R2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		

SB200

	2001→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30				**FCR283A**
		R	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30				**FCR284A**

SB200

	1980→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		F	**17 263 18,30 60 6**	4	17 263	DF/22/3	419	209	127	►18,3	Opt.	93685		
				4	17 264	DF/23/3	419	216	127	►18,8		93685		
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
		R	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	Opt.	93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		

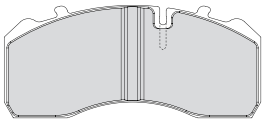
SB2005

DHU 169kW/230PS	1982→1986	R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		

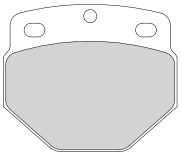
SB201, 210

	1974→1980	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 911 18,80 60 6**	4	19 617	DF/31/1	419	210	203	►18,5		93685		
				4	19 911		419	176	203	►18,8		93685		

29 197 30,00 41 4
4550 KNR SB/SN6



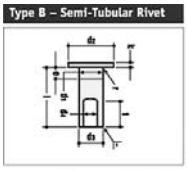
29 747 32,00 40 8
1721 KNR K 85



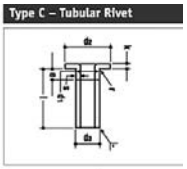
		∅	A	B	C	D		Kg		ABS
FCR100A		460	48.0	40.0	119	170	10xM16	34.0		
FCR283A		377	45.0	38.0	112	117	10x15 2M14	24.9		
FCR284A		377	45.0	38.0	138.5	169	8xM14	27.1		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

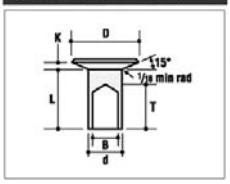
Type B – Semi-Tubular Rivet

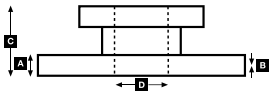


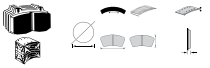
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







WVA !

...DAF

SB220

	1975→1980	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 911 18,80 60 6**	4	19 617	DF/31/1	419	210	203	►18,5		93685		
				4	19 911		419	176	203	►18,8		93685		
LD, LC	1987→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		F	**19 900 19,10 60 6**	4	19 900	DF/34/1	420	177	150	►19,1	Opt.	93686		
				4	19 901	DF/35/1	420	179	150	►18,5		93686		
		R	**19 890 18,50 60 6**	4	19 891	DF/32/1	420	179	200	►19,1	Opt.	93685		
				4	19 890	DF/33/1	420	177	200	►18,5		93685		
		R	**19 911 18,80 60 6**	4	19 617	DF/31/1	419	210	203	►18,5		93685		
				4	19 911		419	176	203	►18,8		93685		

SB220, SBG220

All	1989→	F	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686		
				4	19 010	DF/45/1	420	176	150	►20,8		93686		
		R1	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6		93685		
				4	19 064	DF/49/1	420	176	200	►20,8		93685		

SB230

		F	**29 159 30,00 40 4**	4	29 159	FCV1963		211	93	30	UAC166 (SPRINGS)/ UAC170 (FORKS)		UAI168 UAC166	
		R	**29 159 30,00 40 4**	4	29 159	FCV1963		211	93	30	UAC166 (SPRINGS)/ UAC170 (FORKS)		UAI168 UAC166	

SB2300

DHTD	01/87→	F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32				**FCR100A**

SB2300

DHD, DHS	1982→1986	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R1	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
		R2	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
DHTD	1987→	R	**19 911 18,80 60 6**	4	19 617	DF/31/1	419	210	203	►18,5		93685		
				4	19 911		419	176	203	►18,8		93685		
		R	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	204	200	►17,8	Opt.	93251		

SB2305

DHS, DHTD	01/87→	F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32				**FCR100A**

SB2305

DHS, DHTD	1987→	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	Opt.	93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 911 18,80 60 6**	4	19 617	DF/31/1	419	210	203	►18,5		93685		
				4	19 911		419	176	203	►18,8		93685		
		R	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	204	200	►17,8	Opt.	93251		

SB2705

	01/87→	F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32				**FCR100A**

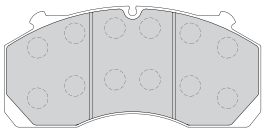
SB2705

	01/87→	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	Opt.	93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 911 18,80 60 6**	4	19 617	DF/31/1	419	210	203	►18,5		93685		
				4	19 911		419	176	203	►18,8		93685		
		R	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	204	200	►17,8	Opt.	93251		

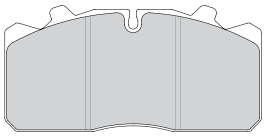
SB3000

DKSB, DKSB, DSKB	1984→1989	F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32				**FCR100A**
	1989→1994	F	**29 150 30,00 41 4**	4	29 150	FCV1821B		249	1175	30				
	1994→	R	**29 150 30,00 41 4**	4	29 150	FCV1821B		249	1175	30				

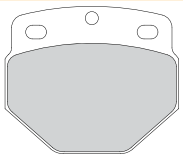
29 150 30,00 41 4
4567 MER DX225



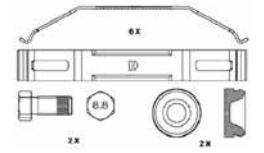
29 159 30,00 40 4
4567 WAB PAN 19-1



29 747 32,00 40 8
1721 KNR K 85

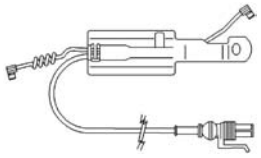


UAC166



UAC170

UAI168 ↔ 380mm
2

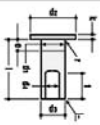


FCR100A

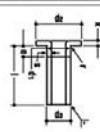
Ø	A	B	C	D		Kg
460	48.0	40.0	119	170	10xM16	34.0

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

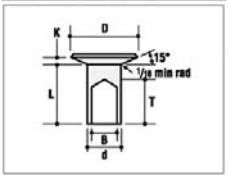
Type B – Semi-Tubular Rivet

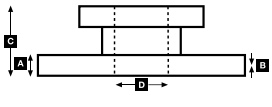


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...DAF

SB3000

	1984→1987	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	Opt.	93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 911 18,80 60 6**	4	19 617	DF/31/1	419	210	203	►18,5		93685		
				4	19 911		419	176	203	►18,8		93685		
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	Opt.	93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
	1988→1989	R	**19 890 18,50 60 6**	4	19 891	DF/32/1	420	179	200	►19,1		93685		
				4	19 890	DF/33/1	420	177	200	►18,5		93685		
DKV	1987→	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	Opt.	93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 911 18,80 60 6**	4	19 617	DF/31/1	419	210	203	►18,5		93685		
				4	19 911		419	176	203	►18,8		93685		
			19 094 17,80 00 8	8	19 094	BC/97/1	420	204	200	►17,8	Opt.	93251		
		R2	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6		93686		
				4	19 031	DF/43/1	419	220	152	►20,8		93686		

SB4000

	1998→	F	**29 150 30,00 41 4**	4	29 150	FCV1821B		249	117.5	30				
		R	**29 150 30,00 41 4**	4	29 150	FCV1821B		249	117.5	30				

SBR3000

	1986→1989	F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32				**FCR100A**
	1989→	F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32				**FCR100A**
DKSB, DKZ	1987→89	F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32				**FCR100A**

SBR3000

	1986→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3	Opt.	93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
	1989→	F	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6	Opt.	93686		
				4	19 031	DF/43/1	419	220	152	►20,8		93686		
		R2	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6		93686		
				4	19 031	DF/43/1	419	220	152	►20,8		93686		
DKSB, DKZ	1987→1989	R	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	204	200	►17,8	Opt.	93251		

Swift

	01/87→	F	**29 017 23,00 40 4**	4	29 017	FCV376	315	191	89	23				**BCR101A**

Swift

	01/87→	R	**17 900 12,10 60 3**	2	17 900	MP/39/1	325	301	147	12,1		93057		
				2	17 901	MP/40/1	325	251	147	12,1		93057		

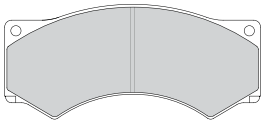
TB163

B	1961→	F	**17 263 18,30 60 6**	4	17 263	DF/22/3	419	209	127	►18,3		93685		
				4	17 264	DF/23/3	419	216	127	►18,8		93685		
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		

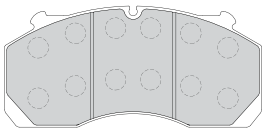
TB2100

All	1984→1989	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	Opt.	93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		

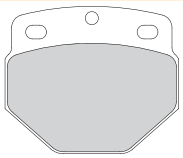
29 017 23,00 40 4
3422 WAB 456 F-Ö



29 150 30,00 41 4
4567 MER DX225



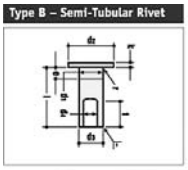
29 747 32,00 40 8
1721 KNR K 85



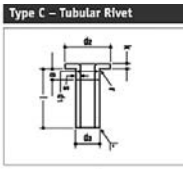
		∅	A	B	C	D		Kg	
BCR101A		315	26.0	24.0	122	119	10xM12	13.1	
FCR100A		460	48.0	40.0	119	170	10xM16	34.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

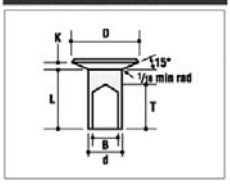
Type B – Semi-Tubular Rivet

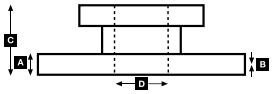


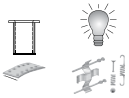
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...DAF

...TB2100

All	1989→	F	**17 012 21,55 60 6**	4	17 013	DF/40/1	419	209	127	►21,55		93686		
				4	17 012	DF/41/1	419	220	127	►21,55		93686		
		R	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6	Opt.	93686		
				4	19 031	DF/43/1	419	220	152	►20,8		93686		
		R	**19 024 20,60 60 6**	4	19 024	DF/42/1	419	209	152	►20,6		93686		
				4	19 031	DF/43/1	419	220	152	►20,8		93686		
		R	**17 012 21,55 60 6**	4	17 013	DF/40/1	419	209	127	►21,55	Opt.	93686		
				4	17 012	DF/41/1	419	220	127	►21,55		93686		
		R	**19 063 20,60 60 6**	4	19 063	DF/48/1	420	177	200	►20,6	Opt.	93685		
				4	19 064	DF/49/1	420	176	200	►20,8		93685		

DEN OUDSEN

Almere Bus

Citybus	1998→	F	**29 150 30,00 41 4**	4	29 150	FCV1821B		249	117.5	30				

DENNIS

Arrow

	1997→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR192A**

Dart

MKI	1989→1992	F	**19 225 14,00 60 4**	4	19 225	FI/124/2	360	318	170	14,0		93059		
		R	**19 225 14,00 60 4**	4	19 225	FI/124/2	360	318	170	14,0		93059		
MKII, MKIII	1992→	F	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058		
SLF	1996→	R	**19 503 16,00 60 4**	4	19 503	PB/22/1	360	316	170	16,0		93058		

Domino

All	1985→	R	**19 922 17,40 60 8**	8	19 922	CS/67/1	394	187	203	►17,4		93685		

Enviro

R300, R345, R420	01/02→	F	**29 159 30,00 40 4**	4	29 159	FCV1963		211	93	30	UAC166 (SPRINGS) / UAC170(FORKS)		UAI166/UAI168	
		R	**29 159 30,00 40 4**	4	29 159	FCV1963	375	211	93	30	UAC166 (SPRINGS) / UAC170(FORKS)		UAI166/UAI168	

Javelin

		R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	Opt.	93683/ 93685		

Javelin Bus

MKI, MKII	1987→	R	**19 922 17,40 60 8**	8	19 922	CS/67/1	394	187	203	►17,4		93685		

Javelin Coach

MKII (22, 5") Meritor D2	→1990	F	**29 043 24,00 40 4**	4	29 043	FCV769	440	204	97	24			UAI109/UAI111	**FCR285A**
MKIII (10/11/12m coach) (22, 5") Meritor D LISA	01/91→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B		250	114	28			UAI116	

Javelin Coach

MKI	1987→	R	**19 922 17,40 60 8**	8	19 922	CS/67/1	394	187	203	►17,4		93685		
		R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Opt.	93683/ 93685		

Javelin MKIII

		R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	Opt.	93683/ 93685		

Lance

SLF (22, 5") Meritor D3	01/95→	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE		250	118	28				
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size			

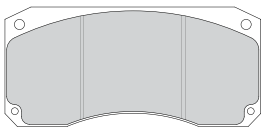
Lancet

single decker	1982→1987	R	**19 922 17,40 60 8**	8	19 922	CS/67/1	394	187	203	►17,4		93685		

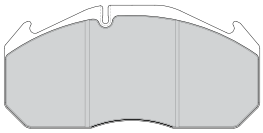
R Series

(22, 5") Knorr SB7...	01/01→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	108	30				
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**FCR288A**

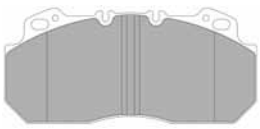
29 043 24,00 40 4
1720 MER D2



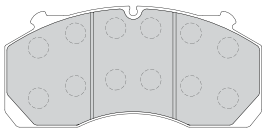
29 053 30,00 41 4
4567 MER D3/D-ELSA 1



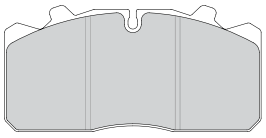
29 090 28,00 41 4
4567 MER D-LISA



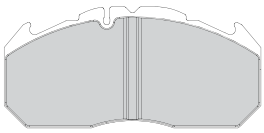
29 150 30,00 41 4
4567 MER DX225



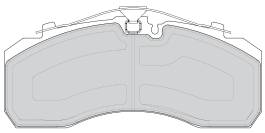
29 159 30,00 40 4
4567 WAB PAN 19-1



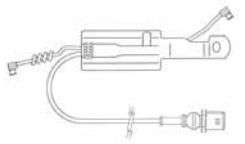
29 210 28,00 41 4
4567 MER D3/D-ELSA 1



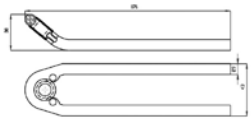
29 253 30,00 41 4
4550 KNR SB/SN7



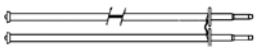
UAC166 ↔
2



UAC170 ↔
2



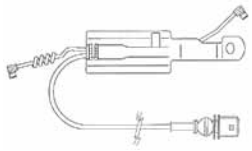
UAI109 ↔ 420mm
2



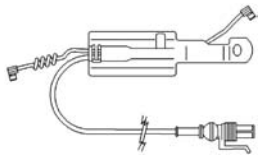
UAI111 ↔ 580mm
2

UAI116 ↔ 226mm
2

UAI166 ↔ 450mm
2



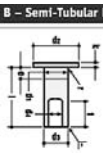
UAI168 ↔ 380mm
2



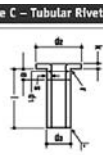
		∅	A	B	C	D		Kg	
BCR192A		438	45.0	38.0	127	195	10xM16	35.0	
FCR285A		440	45.0	38.0	135	190	10 x M16	35.0	
FCR288A		430	45.0	37.0	131	200	10xM16	34.5	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

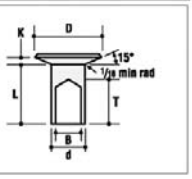
Type B – Semi-Tubular Rivet

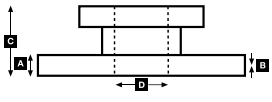


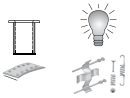
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...DENNIS

Trident

		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	▶17,55		93067		
				2	19 699	PB/18/2	410	192	220	▶17,55		93067		
				4	19 848	PB/19/1	410	192	220	▶17,45		93067		

Trident II

(22, 5") Knorr SB7...	01/01→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				**FCR288A**

ERNST AUWÄRTER

Clubstar

Wheel = 19,5"Air Brake MAN 11.220 HOCL Chassis. Knorr SB6...	01/98→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE		211	93	30			UAI108	
Wheel = 19,5" Air Brake MB Atego. Knorr SB6...			**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30			UAI108	**BCR189A**
Wheel = 19,5"Air Brake MAN 11.220 HOCL Chassis. Knorr SB6...		R	**29 197 30,00 41 4**	4	29 197	FCV1275BFE		211	93	30			UAI108	
Wheel = 19,5" Air Brake MB Atego. Knorr SB6...			**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30			UAI108	**BCR190A**

Economy

Wheel = 17,5" Hydraulic Brakes MB 815Vario. Meritor 2x60	01/98→	F	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22			UAI103	**BCR119A**
		R	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22			UAI103	**BCR119A**

Eurostar

Wheel = 22,5" Air Brake MB 0 404 Chassis. Meritor D3	01/92→	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28			UAI107	**BCR120A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size			
		R	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28			UAI107	**BCR120A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size			

Teamstar

Wheel = 17,5" Hydraulic Brakes MB 815 Vario. Meritor 2x60	01/98→	F	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22			UAI103	**BCR119A**
		R	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22			UAI103	**BCR119A**

FORD

R Series

R1114, R1115	1977→1982	F	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		
		R	**19 072 12,70 60 4**	4	19 072	GG/83/1	394	360	152	12,7		93684		

GRANNING LYNX

All

Axle trailers, Wheel =19.5 Knorr SB6…	2000→		**29 197 30,00 41 4**	4	29 197	FCV1329BFE		211	93	30				**BCR260A**
Truck wheel=22.5 Knorr SB7...			**29 253 30,00 41 4**	4	29 253	FCV4344PTS		248	108	30				

HEULIEZ

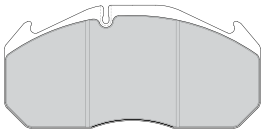
→ SEE IRISBUS

IKARUS

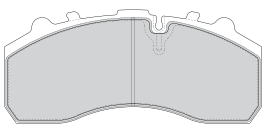
All

200	1976→1983	F	**17 746 18,00 60 8**	8	17 746	IK/2/1	420	184	140	18,0		93059		
		R	**19 567 18,00 00 8**	8	19 567	IK/1/1	420	184	180	18		93059		
			17 746 18,00 60 8	8	17 746	IK/2/1	420	184	140	18,0	Trailing axle	93059		
260	1976→1983	F	**17 746 18,00 60 8**	8	17 746	IK/2/1	420	184	140	18,0		93059		
		R	**19 567 18,00 00 8**	8	19 567	IK/1/1	420	184	180	18		93059		
			17 746 18,00 60 8	8	17 746	IK/2/1	420	184	140	18,0	Trailing axle	93059		
280	1984→	F	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0		93683		
		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0		93683		
			19 896 18,00 00 8	8	19 896	AX/14/6	419	196	178	18,0	Trailing axle	93683		

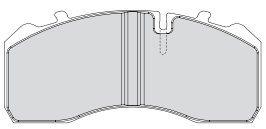
29 053 30,00 41 4
4567 MER D3/D-ELSA 1



29 179 30,00 41 4
4567 KNR SB/SN7



29 197 30,00 41 4
4550, 4569 KNR SB/SN6



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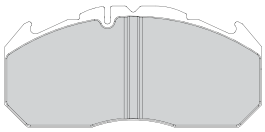
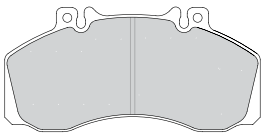
4567 MER D3/D-ELSA 1

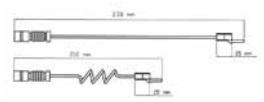


29 253 30,00 41 4
4569 KNR SB/SN7

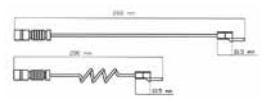
29 835 22,00 40 4
3422



UAI103 ↔ 238mm
2+2



UAI107 ↔ 280mm
2+2

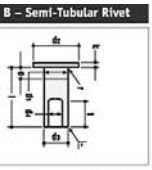


UAI108 ↔ 335mm
2

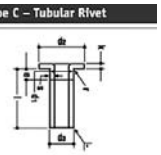
		∅	A	B	C	D		Kg	
BCR119A		324	30.0	26.0	91	118	6xM12	11.0	
BCR120A		438	45.0	41.0	135	195	10xM14	33.5	
BCR189A		377	45.0	37.0	134	105.7	14x14,5	24.0	
BCR190A		377	45.0	37.0	138	176	8xM14	26.4	
BCR260A		377	45.0	37.0	138	169	8xM14	26.4	
FCR288A		430	45.0	37.0	131	200	10xM16	34.5	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

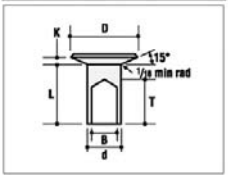
Type B – Semi-Tubular Rivet

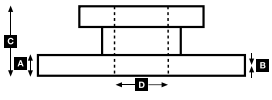


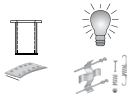
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...IKARUS

...All

288	1976→1983	F	**17 746 18,00 60 8**	8	17 746	IK/2/1	420	184	140	18,0		93059		
		R	**19 567 18,00 00 8**	8	19 567	IK/1/1	420	184	180	18		93059		
			17 746 18,00 60 8	8	17 746	IK/2/1	420	184	140	18,0	Trailing axle	93059		
556-180		F	**17 746 18,00 60 8**	8	17 746	IK/2/1	420	184	140	18,0		93059		
		R	**19 567 18,00 00 8**	8	19 567	IK/1/1	420	184	180	18		93059		

Articulated City Bus

435.18E, 435.18F		F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
			29 179 30,00 41 4	4	29 179	FCV1598BFE		248	109	30	Auxilliary Axle			

Articulated City Bus

435.18E, 435.18F		R	**19 722 21,40 00 6**	4	19 722		420	195	180	►21,4		93685		
				4	19 727		420	195	180	►20,8		93685		
		R2	**19 722 21,40 00 6**	4	19 722		420	195	180	►21,4		93685		
				4	19 727		420	195	180	►20,8		93685		

City Bus

415.3, 415.30A		F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				

City Bus

415		F	**19 722 21,40 00 6**	4	19 722		420	195	180	►21,4		93685		
				4	19 727		420	195	180	►20,8		93685		
		R	**19 722 21,40 00 6**	4	19 722		420	195	180	►21,4		93685		
				4	19 727		420	195	180	►20,8		93685		

INBUS

F140 (Filobus)

		F	**FCV983**	8	29 018		425	162	111	28	2 pads with 14mm holes option			**FCR138A**

F140 (Filobus)

		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		

U210 - S210 - 1330

		F	**FCV983**	8	29 018		425	162	111	28	2 pads with 14mm holes option			**FCR138A**

U210 - S210 - 1330

		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		

IRISBUS

Agora

Agora	01/95→08/98	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28			UAI101→12/96 UAI117 01/97→	**BCR134A**
		F	**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30	over size			
	09/98→2000	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR134A**
Agora Line	2001→	F	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	438	250	118	30			UAI163	**BCR134A**
		R	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	434	250	118	30			UAI163	

Agora

Agora	1995→2000	R	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		

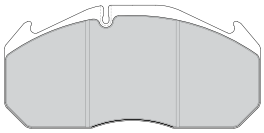
Ares

Engine: Iveco Cursor 8 F2BE0682D Euro3	01/02→	F	**29 156 30,00 41 4**	4	29 156	FCV1404BFE	434	250	118	30			UAI163	
		R	**29 156 30,00 41 4**	4	29 156	FCV1404BFE		250	118	30	middle axle		UAI163	
			29 156 30,00 41 4	4	29 156	FCV1404BFE	434	250	118	30			UAI163	

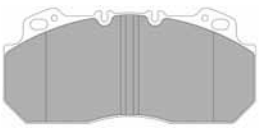
Arway

Intercity 12m, 18m	2006→	F	**29 156 30,00 41 4**	4	29 156	FCV1404BFE	434	250	118	30			UAI163	
		R	**29 156 30,00 41 4**	4	29 156	FCV1404BFE		250	118	30			UAI163	

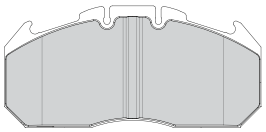
29 053 30,00 41 4
4567 MER D3/D-ELSA 1



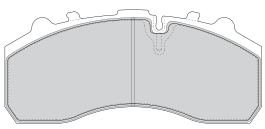
29 090 28,00 41 4
4567 MER D-LISA



29 156 30,00 41 4
4568 MER D-ELSA 2



29 179 30,00 41 4
4567 KNR SB/SN7



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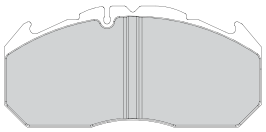
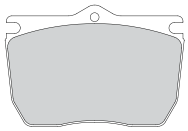
4567 MER D3/D-ELSA 1



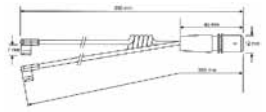
FCV898
3475 WAB



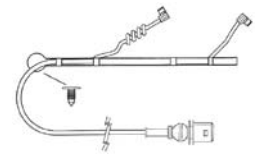
UAI101 ↔ 365mm
2

UAI116 ↔ 226mm
2

UAI117 ↔ 400mm
2



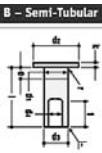
UAI163 ↔ 355mm
2



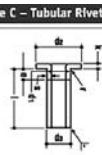
		∅	A	B	C	D		Kg	
BCR134A		438	45.0	35.0	96.4	131	10x17,1 2xM14	31.3	
FCR138A		425	45.0	38.0	159.5	215	10xM16	36.8	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

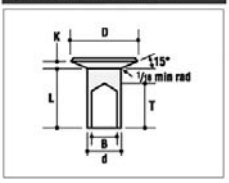
Type B – Semi-Tubular Rivet

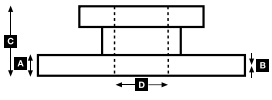


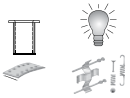
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...IRISBUS

Axer

12m, 12,8m Engine: Iveco Cursor 8 Euro3 2050228	01/02→	F	**29 156 30,00 41 4**	4	29 156	FCV1404BFE	434	250	118	30			UAI163	
		R	**29 156 30,00 41 4**	4	29 156	FCV1404BFE		250	118	30			UAI163	

Axer

12m, 12,8m Engine: Iveco Cursor 8 Euro3 2050228	01/02→	R	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	▶18,3	Opt.	93683/ 93685		

Citelis

Citybus 12m, 18m	2005→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	434	250	114	28			UAI116	
	2005→	F	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	434	250	118	30	Option		UAI179	
	2005→	R	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	434	250	118	28			UAI165	
	2005→	R	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	434	250	118	30	Option		UAI179	

Citybus

CITYBUS Engine: RVI 06.20.45 A41	01/98→12/01	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR134A**
CITYBUS Engine: Iveco Cursor 8 F2BE 0682D Euro3	01/02→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR134A**
		R	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	434	250	118	28			UAI165	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size			

Crealis

18m	2009→	F	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	434	250	118	30			UAI163	
		R	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	434	250	118	30			UAI163	

Crossway

Intercity coach	2006→	F	**29 156 30,00 41 4**	4	29 156	FCV1404BFE	434	250	118	30				
		R	**29 156 30,00 41 4**	4	29 156	FCV1404BFE	434	250	118	30				

E7L, M, N

	1969→	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049		
				2	17 747	BT/57/1	414	345	125	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	Opt. - * use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

FR1 (5.4M)

	→10/93	R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
	11/93→	R	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		

FR1 (5.4M, 5.6M, 6.2M)

		F	**29 044 20,00 41 4***	4	29 044	FCV1940	400	236	95	20	* use/verwenden FCV1940			**FCR129A**

FR1 (5.6M)

	05/84→	R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		

FR1 (6.2M)

	→11/92	R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
	12/92→	R	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		

Heuliex GX44 (Mercedes ch.)

All		F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	▶18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	▶18,0		93060	UAI202	
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	▶18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	▶18,0		93060	UAI202	
All		F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		

Heuliez GX107 (Renault ch.)

All		F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		

Heuliez GX117 (Renault ch.)

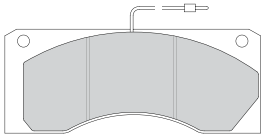
All	→2000	F	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		

Heuliez GX187 Articulated (Renault ch.)

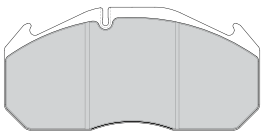
		F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R1	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
		R2	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		

IRISBUS

29 044 20,00 41 4*
4550 S.E.E.

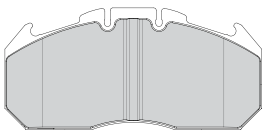


29 053 30,00 41 4
4567 MER D3/D-ELSA 1

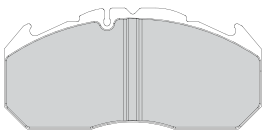


29 090 28,00 41 4
4567 MER D-LISA

29 156 30,00 41 4
4567, 4568 MER D-ELSA 2



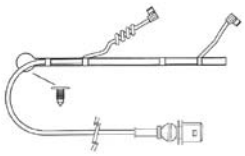
29 210 28,00 41 4
4567 MER D3/D-ELSA 1



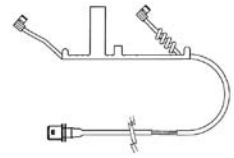
IRISBUS

UAI116 ↔ 226mm
2

UAI163 ↔ 355mm
2



UAI165 ↔ 400mm
2



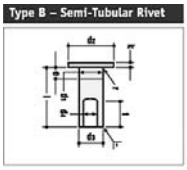
UAI179 ↔ 390mm
2

UAI202 ↔ 195mm
4

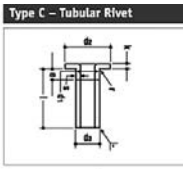
	⊟	∅	A	B	C	D	⊙	Kg	
BCR134A	⊟	438	45.0	35.0	96.4	131	10x17,1 2xM14	31.3	
FCR129A	⊟	400	42.3	37.0	90	175	12x12.5	23.7	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

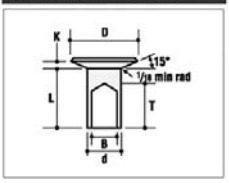
Type B – Semi-Tubular Rivet

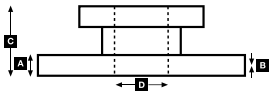


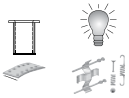
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...IRISBUS

Heuliez GX217

Wheel = 22,5" Air Brake (Ch. Volvo) Meritor D-Lisa		F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR134A**

Heuliez GX217

		R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3		93683/ 93685		

Heuliez GX317

Wheel = 22,5" Air Brake (Ch. Renault) Meritor D3	→1998	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28			UAI107	**BCR134A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size			
Wheel = 22,5 Air Brake (Ch. Renault) Meritor D-Lisa	1998→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR134A**

Heuliez GX317

(Renault ch.)		R	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		

Heuliez GX417

Wheel = 22,5" Air Brake (Ch. Volvo) Meritor D-Lisa		F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR134A**

Heuliez GX57 (Renault ch.)

All		F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		
All		F	**19 560 19,00 00 6**	4	19 560	VL/74/1	414	197	152	►19,0		93685		
				4	19 561	VL/75/1	414	159	152	►19,0		93685		
		F	**19 562 19,00 00 6**	4	19 562	VL/76/2	394	190	203	►19,0	Opt.	93685		
				4	19 563	VL/77/1	394	146	203	►19,0		93685		
		R	**19 562 19,00 00 6**	4	19 562	VL/76/2	394	190	203	►19,0		93685		
				4	19 563	VL/77/1	394	146	203	►19,0		93685		
		R	**19 799 19,00 60 6**	4	19 800	VL/81/2	394	190	254	►19,0	Opt.	93685		
				4	19 799	VL/82/1	394	146	254	►19,0		93685		

Heuliez GX77 (Daf ch.)

All		F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
All		F	**19 560 19,00 00 6**	4	19 560	VL/74/1	414	197	152	►19,0		93685		
				4	19 561	VL/75/1	414	159	152	►19,0		93685		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		

Heuliez GX87 (Renault ch.)

All		F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden B2177932	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		

Heuliez GX87 Articulated (Renault ch.)

		F	**19 562 19,00 00 6**	4	19 562	VL/76/2	394	190	203	►19,0		93685		
				4	19 563	VL/77/1	394	146	203	►19,0		93685		
		R1	**19 799 19,00 60 6**	4	19 800	VL/81/2	394	190	254	►19,0		93685		
				4	19 799	VL/82/1	394	146	254	►19,0		93685		
		R2	**17 664 19,00 60 6***	4	17 665	VL/70/1	413	159	127	►19,0	* use/verwenden J1296928	93687		
				4	17 664	VL/71/1	413	197	127	►19,0		93687		

Iliade

Iliade	01/97→05/00	F	**29 210 28,00 41 4**	4	29 210	FCV1585BFE	438	250	118	28			UAI117	**BCR134A**
	06/00→	F	**29 156 30,00 41 4**	4	29 156	FCV1653BFE	438	250	118	30			UAI163	**BCR134A**
		R	**29 156 30,00 41 4**	4	29 156	FCV1653BFE		250	118	30			UAI163	

Iliade + TE

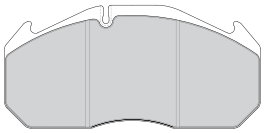
Iliade	1997→	R	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		

Iveco 370

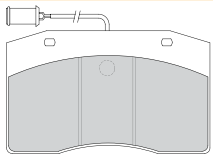
370.12.24, 370.12.25, 370.12.30, 370.12.35	1984→	F	**29 075 20,00 41 6***	8	29 075	FCV801	417	180	106	20	* use/verwenden FCV801		K49.8556.9	**FCR109A**

IRISBUS

29 053 30,00 41 4
4567 MER D3/D-ELSA 1

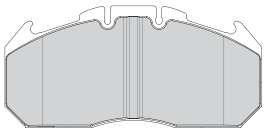


29 075 20,00 41 6*
3450 BRE

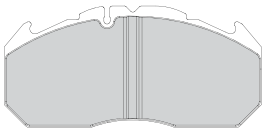


29 090 28,00 41 4
4567 MER D-LISA

29 156 30,00 41 4
4572 MER D-ELSA 2



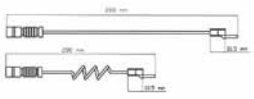
29 210 28,00 41 4
4567, 4572 MER D3/D-ELSA 1



IRISBUS

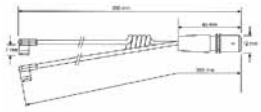
K49.8556.9

UAI107 ↔ 280mm
2+2

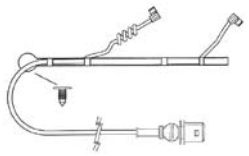


UAI116 ↔ 226mm
2

UAI117 ↔ 400mm
2



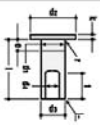
UAI163 ↔ 355mm
2



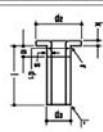
		∅	A	B	C	D		Kg	
BCR134A		438	45.0	35.0	96.4	131	10x17,1 2xM14	31.3	
FCR109A		417	30.0	27.0	80	157	10	12.7	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

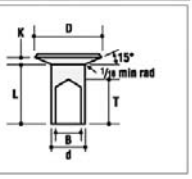
Type B – Semi-Tubular Rivet

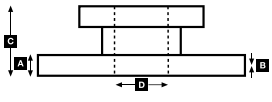


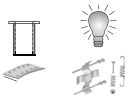
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...IRISBUS

Iveco 370

370.10.20	1978→	F	**17 885 12,50 00 8**	8	17 885	FI/113/1	420	211	135	12,5		93060		
		R	**17 885 12,50 00 8**	8	17 885	FI/113/1	420	211	135	12,5		93060		
370.10.25 /370.10.35/370.11.25/370.12.35	1979→1984	F	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
		R	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
370.12.25 , 370.2	1982→1984	F	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
		R	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
370.12.24, 370.12.25, 370.12.30, 370.12.35	1984→	R	**19 824 18,40 00 5**	6	19 824	PB/35/1	410	202	220	►18,4		93067		
				2	19 838	PB/35/2	410	202	220	►18,4		93067		

Iveco 380

380.29-43, 490.18.29E2	1985→	F	**29 075 20,00 41 6***	8	29 075	FCV801	417	180	106	20	180mm w.i. Length * use/verwenden FCV801		K49.8556.9	**BCR179A**

Iveco 380

380.29-43, 490.18.29E2	1985→	R	**19 824 18,40 00 5**	6	19 824	PB/35/1	410	202	220	►18,4		93067		
				2	19 838	PB/35/2	410	202	220	►18,4		93067		

Iveco 391 E- 393E - 397E

391E - 393E - 397 Eurorider	1992→	F	**29 075 20,00 41 6***	8	29 075	FCV801	417	180	106	20	rigid axle, * use/verwenden FCV801		K49.8556.9	**FCR109A**
			29 196 30,00 40 4	4	29 196	FCV1914FE	436	248	108	30	independent wheel suspension		UAI125	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, independent wheel suspension		UAI125	**BCR173A**
		R	**29 196 30,00 40 4**	4	29 196	FCV1914FE	436	248	108	30	independent wheel suspension		UAI125	**BCR173A**
			29 196 30,00 41 4	4	29 196		436	248	108	30	incl. accessory kit, independent wheel suspension		UAI125	**BCR173A**

Iveco 391 E- 393E - 397E

391E - 393E - 397 Eurorider		R	**19 263 19,80 60 5**	2	19 343	PB/24/2	410	201	200	►19,8	Simplex Brake	93060		
				6	19 263	PB/24/1	410	201	200	►19,8		93060		
		R	**19 824 18,40 00 5**	6	19 824	PB/35/1	410	202	220	►18,4	Duplex Brake	93067		
				2	19 838	PB/35/2	410	202	220	►18,4		93067		

Iveco 399

399 MyWay		R	**19 263 19,80 60 5**	2	19 343	PB/24/2	410	201	200	►19,8	Simplex Brake	93060		
				6	19 263	PB/24/1	410	201	200	►19,8		93060		
		R	**19 824 18,40 00 5**	6	19 824	PB/35/1	410	202	220	►18,4	Duplex Brake	93067		
				2	19 838	PB/35/2	410	202	220	►18,4		93067		

Iveco 471

471-10.20/471-12.20	1984→1988	F	**FCV898**	4	29016		425	162	111	28				**FCR135A**

Iveco 471

471-10.20/471-12.20	1984→1988	R	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		

Iveco 480/580

480.21 Turbocity, 580.21 Turbocity-S	1988→	F	**29 018 28,00 40 4***	8	29 018	FCV983	425	162	111	28	* use/verwenden FCV983			**FCR136A**

Iveco 480/580

480.21 Turbocity, 580.21 Turbocity-S	1988→	R	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		

Iveco 490

490.12 Turbo/490.18 Turbo/490.22 Turbo-U	1992→	F	**29 018 28,00 40 4***	8	29 018	FCV983	425	162	111	28	* use/verwenden FCV983			**FCR136A**

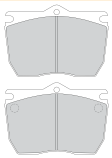
Iveco 490

490.18 Turbo/490.12 Turbo/490.22 Turbo-U	1992→	R	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		

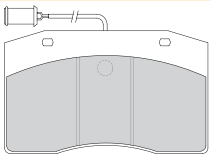
Iveco 491/591

Iveco 491/591 Cityclass	1985→	F	**29 186 20,00 41 6***	8	29 186	FCV1614	417	180	106	20	450mm w.i. Length * use/verwenden FCV1614		K49.8556.9	**BCR179A**
	1998→	F	**29 150 30,00 41 4**	4	29 150	FCV1821B		249	117.5	30	22.5" wheel (DX225 brake)		UAI170	

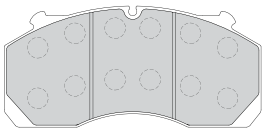
29 018 28,00 40 4*
3475 WAB 485 F-Ö



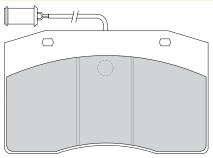
29 075 20,00 41 6*
3450 BRE



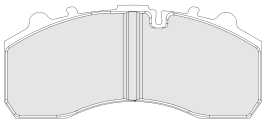
29 150 30,00 41 4
4567 MER DX225



29 186 20,00 41 6*
3450 BRE Bi-disc

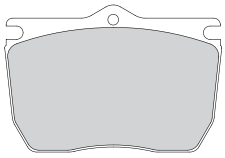


29 196 30,00 40 4
4550 KNR SB7600

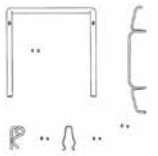


29 196 30,00 41 4
4550 KNR SB7600

FCV898
3475 WAB



K49.8556.9



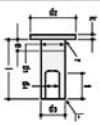
UAI125
↔ 285mm
2

UAI170
↔ 200mm
2

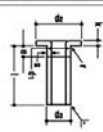
		∅	A	B	C	D		Kg	
BCR173A		436	45.0	37.0	138.5	210	12xM16	37.7	
BCR179A		417	28.0	25.5	67	159	10	41.6	
FCR109A		417	30.0	27.0	80	157	10	12.7	
FCR135A		425	45.0	38.0	165.5	215	10xM16	37.2	
FCR136A		425	45.0	41.0	170.5	285	10	43.6	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

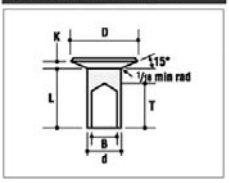
Type B – Semi-Tubular Rivet

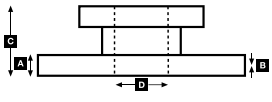


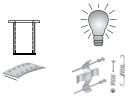
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...IRISBUS

Iveco 491/591

Iveco 491/591 Cityclass		R	**19 712 18,10 00 6**	4	19 755	PB/31/1	410	211	220	►18,0		93067	UAI210	
				4	19 712	PB/32/2	410	210	220	►18,10		93067		

Iveco Euroclass

Euroclass	1993→	F	**29 075 20,00 41 6***	8	29 075	FCV801	417	180	106	20	180mm w.i. Length * use/verwenden FCV801		K49.8556.9	**BCR179A**

Iveco Euroclass

Euroclass	1993→	R	**19 824 18,40 00 5**	6	19 824	PB/35/1	410	202	220	►18,4		93067		
				2	19 838	PB/35/2	410	202	220	►18,4		93067		

Iveco Magirus

160 R81, 315.17 Turbo, 316.8.17 Turbo		F	**29 688 25,00 40 8***	8	29 688	FCV961	315	110	99	25	* use/verwenden FCV961			**FCR149A**

Iveco Magirus

Magirus-Bus R 106	04/80→	F	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
		R	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
Magirus-Reisebus M 2000 (R 119 I) 188kW /256PS	1978→	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
Magirus-Reisebus M 2000 (R 119 II)	04/80→	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15	ROR	93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		F	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9	Wabco	93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15	ROR	93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		R	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9	Wabco	93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		

Iveco Midway

Intercity 9.7m (Iveco Tector Engine EURO 3)	2006→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30				**BCR238A**

Iveco MyWay

391 - 29, 29A, 35, 35A, 38,	2002→	F	**29 186 20,00 41 6***	8	29 186	FCV1614	417	180	106	20	rigid axle, * use/verwenden FCV1614		K49.8556.9	**BCR179A**
43 Eurorider, 393.35 MyWay		F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	432	248	109	30	independent wheel suspension			**BCR254A**
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	432	248	109	30	independent wheel suspension			**BCR254A**

Renault PCR, PCM, PCMV

	1967→1971	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Renault PGK205

	1975→	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049		
				2	17 747	BT/57/1	414	345	125	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

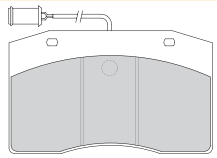
Renault PGR

	1969→1971	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

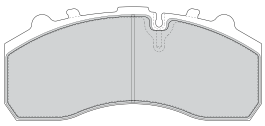
Renault PH3, 4, 12/100

	1969→1975	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

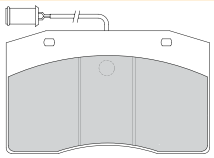
29 075 20,00 41 6*
3450 BRE



29 179 30,00 41 4
4567 KNR SB/SN7



29 186 20,00 41 6*
3450 BRE Bi-disc



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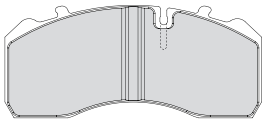
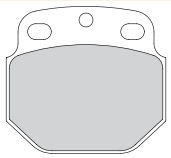
4550 KNR SB/SN6



29 688 25,00 40 8*
1721 KNR K 65



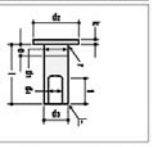
K49.8556.9

UAI210
↔ 1520mm
2

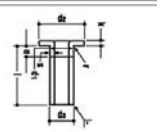
		∅	A	B	C	D		Kg	
BCR179A		417	28.0	25.5	67	159	10	41.6	
BCR238A		377	45.0	38.0	151	215	8xM20 2xM10	33.0	✓
BCR254A		432	45.0	37.0	139	210	12xM16x2	37.7	
FCR149A		315	35.0	32.0	153.5	240	6	17.1	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

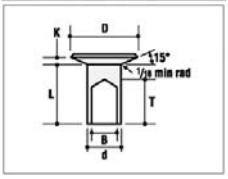
Type B – Semi-Tubular Rivet

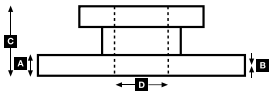


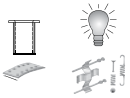
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...IRISBUS

Renault PR100, 100.2

	1977→	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		

Renault PR100.3, PR112

	1994→	F	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		

Renault PR10S, 12S

	1976→	F	**17 747 12,50 60 3**	2	17 748	BT/56/1	414	284	125	12,5		93049		
				2	17 747	BT/57/1	414	345	125	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Renault PR14S, SL, SRGT

	1976→	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Renault PR180, 180.2, PER180

		F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 463 13,50 60 4**	4	19 463	BT/59/6	414	374	175	13,5		93059		

Renault PR180.3, PR118

	1994→	F	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		

Renault S105, 108, 105R

	1965→	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Renault S45

		F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Renault S53

	1965→	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Renault S57L

	1980→	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Renault S75 with 11T rear axle

	1987→1993	F	**17 217 11,70 60 4**	4	17 217	GG/194/1	330	295	125	11,7		93684		
		R	**19 620 12,50 60 3**	2	19 621	SA/30/1	325	251	150	12,5				
				2	19 620	SA/31/1	325	210	150	12,5				

Renault SC10

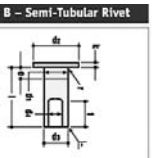
	1976→	F	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		
		R	**19 049 12,50 60 3***	2	19 049	SA/10/1	414	347	150	12,5	* use/verwenden J1296928	93049		
				2	19 199	SA/11/1	414	286	150	12,5		93049		

Renault Tracer

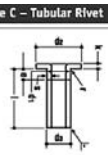
	1992→	F	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		
		R	**19 935 18,50 60 8**	8	19 935	RN/101/1	414	187	175	18,5		93059		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

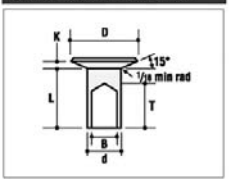
Type B – Semi-Tubular Rivet

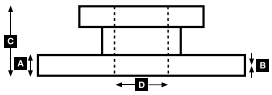


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





IVECO

→ SEE IRISBUS

KAROSA

Ares → SEE IRISBUS

articulated

		R1	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685		
		R2	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3		93683/ 93685x		

Axer → SEE IRISBUS

B930

Engine: RVI 06.20.45 A3/B3/A41/C41/D41, opt. Liaz	01/97→12/01	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				

B930

		R	**19 615 22,15 00 6**	4	19 615		420	195	180	►22,15	opt.	93684		
				4	19 616		420	195	180	►21,45		93684		

B940 Articulated

Engine: RVI 06.20.45 A3/B3/A41/C41/D41, Opt. Liaz	01/97→12/01	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				

B951, B952

Engine: Iveco Cursor 8 Euro3 2050 F2BE0682D180	01/02→2006	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				

B961 Articulated

	01/02→2006	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				

Citybus → SEE IRISBUS

Renault

Citybus	1992→1997	R	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		
		R	**19 187 18,50 60 8**	8	19 187	RN/104/1	414	187	220	18,5		93059		

LAG

Panaramic

		F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		

LAZ

A183

City	2004→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				

MAN

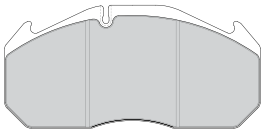
All

CR 160 (Ikarus) 124kW /168PS	1977→	F	**17 682 17,00 60 8**	8	17 682	MP/29/1	410	175	123	►17,0		93059		

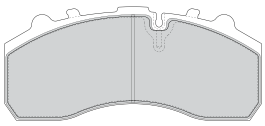
Chassis

11.220 HOCL	1996→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE		211	93	30			UAI132	
		R	**29 197 30,00 41 4**	4	29 197	FCV1275BFE		211	93	30			UAI132	
14.220 HOCL, 18.350 HOCL		F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	438	250	118	28			UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size		UAI162	
		R	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	438	250	118	28			UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size		UAI162	

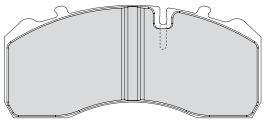
29 053 30,00 41 4
4568 ARM D3/D-ELSA 1



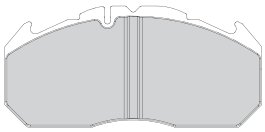
29 179 30,00 41 4
4567 KNR SB/SN7



29 197 30,00 41 4
4550 KNR SB/SN6

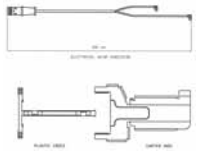


29 210 28,00 41 4
4568 MER D3/D-ELSA 1

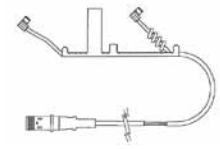


29 253 30,00 41 4
4550 KNR SB/SN7

UAI132 ↔ 400mm
2



UAI162 ↔ 400mm
2

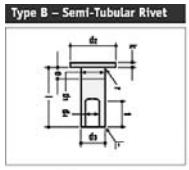


BCR144A

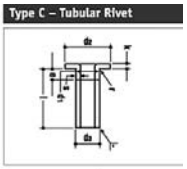
⌀	A	B	C	D		Kg
438	45.0	35.0	135	200	10xM16	36.0

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

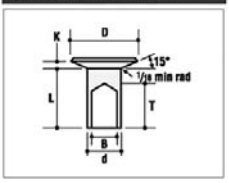
Type B – Semi-Tubular Rivet

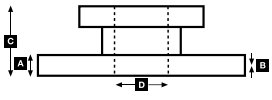


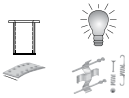
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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EL-Series

EL 202, EL 222, EL 262 157-184kW	01/93→06/97	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE		250	118	28	D3/Elsa1 →80 km/h		UAI162	
			29 210 28,00 41 4	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1 →100 km/h		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →80 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h		UAI162	
EL 262 191kW	07/98→06/04	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE		250	118	28	D3/Elsa1 →80 km/h		UAI162	
			29 210 28,00 41 4	4	29 210	FCV1578BFE		250	118	28	D3/Elsa1 →100 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →80 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI162	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	Opt, D-Elsa2 →100 km/h		UAI162	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30	07/2004→ Knorr SN7 →100 km/h		UAI162	
EL 262 191kW	07/04→	F	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	438	250	118	30	D-Elsa2 →80 km/h		UAI162	**BCR144A**
			29 179 30,00 41 4	4	29 179	FCV1598BFE	438	248	109	30	07/2006→ Knorr SN7 →100 km/h		UAI162	**BCR144A**

EL-Series:

EL 202, EL 222, EL 262 157-184kW, EL 262 191kW		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	

EM-Series

EM 192, EM 222, EM 223 140-162kW	10/93→06/04	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28	D3/Elsa1 →80 km/h		UAI162	**BCR144A**
			29 210 28,00 41 4	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1 →100 km/h		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →80 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**
EM 222, EM 223 140-162kW	07/04→	F	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	438	250	118	30	D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 179 30,00 41 4	4	29 179	FCV1598BFE	438	248	109	30	07/2006→ Knorr SN7 →100 km/h			**BCR144A**

EM-Series:

EM 192, EM 222, EM 223 140-162kW		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	

FR / FRH-Series:

332 F	→03/86	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	▶17,0		93059	UAI205	
FR 292		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	▶17,0		93059	UAI205	
FRH 292														
FRH 362														
R 292														
FR 292	05/85→01/93	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	▶18,0		93060	UAI202	
FRH 292				4	19 579	MB/75/1	410	214	163	▶18,0		93060		
FRH 362	05/85→12/92	R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	▶18,0		93060	UAI202	
R 292	05/85→01/93			4	19 581	MB/77/1	410	214	223	▶18,0		93060		

Lions Coach

FRH 352, FRH 402, RH 353, RH 403 257-294kW	09/95→06/04	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE		250	118	28	D3/Elsa1 →100 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h			
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30	07/2004→ Knorr SN7 →100 km/h			
RH 464 257-294kW	03/00→06/04	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE		250	118	28	D3/Elsa1 →100 km/h			
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1			
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	07/2004→ D-Elsa2		UAI164	**BCR144A**
		R	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1 →100 km/h		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1404BFE	432	250	118	30	07/2004→ D-Elsa2		UAI164	**BCR181A**

Lions Comfort:

RN 313, RN 353 228-257kW	09/96→	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	438	250	118	28			UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1			
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	D-Elsa2		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30	07/2004→ Knorr SN7 →100 km/h			

Lions Comfort:

RN 313 228kW/310PS	09/96→	R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	▶18,0		93060	UAI202	
RN 353 257kW/350PS	06/97→			4	19 581	MB/77/1	410	214	223	▶18,0		93060		

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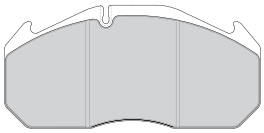
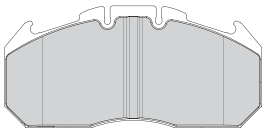
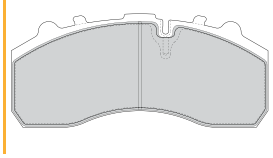
29 053 30,00 41 4
4567, 4568 MER D3/D-ELSA 1



29 156 30,00 41 4
4567, 4568 MER D-ELSA 2



29 179 30,00 41 4
4567 KNR SB/SN7



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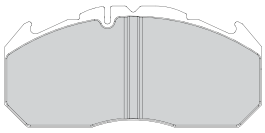
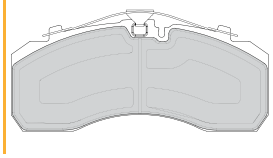
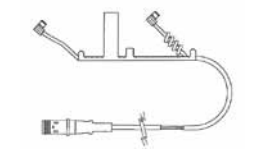
4567, 4568 MER D3/D-ELSA 1



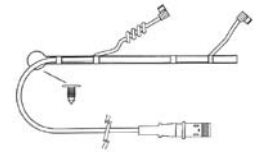
29 253 30,00 41 4
4550 KNR SB/SN7



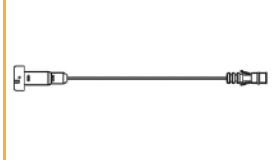
UAI162 ↔ 400mm
2



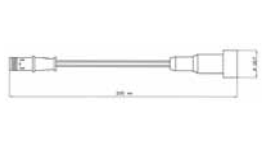
UAI164 ↔ 290mm
2



UAI202 ↔ 195mm
4



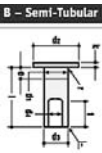
UAI205 ↔ 205mm
2



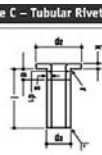
		∅	A	B	C	D		Kg	
BCR144A		438	45.0	35.0	135	200	10xM16	36.0	
BCR181A		432	45.0	38.0	130	131	12x19 3xM12	36.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

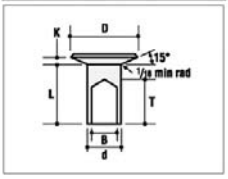
Type B – Semi-Tubular Rivet

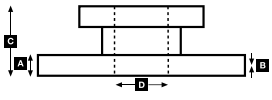


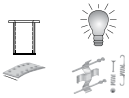
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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Lions Star

FRH 422 309kW	01/93→09/96	F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32				**FCR100A**
			29 210 28,00 41 4	4	29 210	FCV1578BFE	438	250	118	28	Opt, D3/Elsa1		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1		UAI162	
FRH 352, FRH 402, RH 353, RH 403 257-294kW	09/95→06/04	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	07/2004→ D-Elsa2		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30	07/2004→ Knorr SN7 →100 km/h			
RH 464 257-294kW	03/00→06/04	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1		UAI162	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	07/2004→ D-Elsa2		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30	07/2004→ Knorr SN7 →100 km/h			
		R	**29 210 28,00 41 4**	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1404BFE	432	250	118	30	07/2004→ D-Elsa2		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	109	30	07/2004→ Knorr SN7 →100 km/h			**BCR181A**

Lions Star / Lions Coach:

RH 403 294kW /400PS	09/95→	R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060		

Lions Star:

FRH 422 309kW, 420PS	01/93→09/96	R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060		

NG Series:

NG 262, 263, 312, 313 191-228kW	07/98→	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28	D3/Elsa1 →80 km/h		UAI162	**BCR144A**
			29 210 28,00 41 4	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1 →100 km/h		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →80 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30	07/2004→ Knorr SN7 →100 km/h			
		R	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28	D3/Elsa1 →80 km/h		UAI162	**BCR144A**
			29 210 28,00 41 4	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1 →100 km/h		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →80 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	432	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	109	30	07/2004→ Knorr SN7 →100 km/h			**BCR181A**
	07/04→	F	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	438	250	118	30	D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**
		R	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	438	250	118	30	D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	432	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**

NM-Series:

NM 222, NM 223 162kW	02/96→	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28	D3/Elsa1 →80 km/h		UAI162	**BCR144A**
			29 210 28,00 41 4	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1 →100 km/h		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →80 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30	07/2004→ Knorr SN7 →100 km/h			
	07/04→	F	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	438	250	118	30	D-Elsa2 →80 km/h		UAI164	**BCR144A**
NM 222, NM 223 162kW	07/04→	F	**29 156 30,00 41 4**	4	29 156	FCV1404BFE	438	250	118	30	D-Elsa →100km/h		UAI164	**BCR144A**

NM-Series:

NM 152	05/90→03/97	F	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		
NM 182		R	**19 177 16,00 60 8**	8	19 177	GG/218/1	360	173	160	►16,0		93058		
NM 192														
NM222, NM223	07/04→	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
NM222, 223	02/96→06/04	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	

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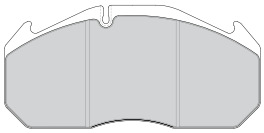
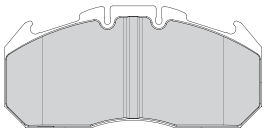
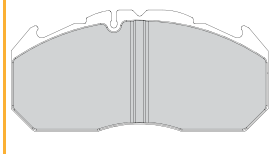
29 053 30,00 41 4
4567, 4568 — MER D3/D-ELSA 1



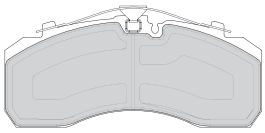
29 156 30,00 41 4
4567, 4568 — MER D-ELSA 2



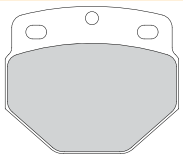
29 210 28,00 41 4
4567, 4568 — MER D3/D-ELSA 1



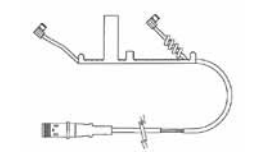
29 253 30,00 41 4
4550 — KNR SB/SN7



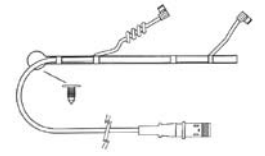
29 747 32,00 40 8
1721 — KNR K 85



UAI162 ↔ 400mm
2



UAI164 ↔ 290mm
2



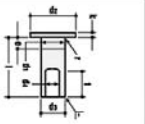
UAI202 ↔ 195mm
4

UAI205 ↔ 205mm
2

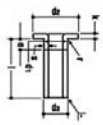
		∅	A	B	C	D		Kg	
BCR144A		438	45.0	35.0	135	200	10xM16	36.0	
BCR181A		432	45.0	38.0	130	131	12x19 3xM12	36.0	
FCR100A		460	48.0	40.0	119	170	10xM16	34.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

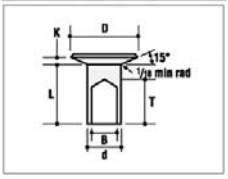
Type B – Semi-Tubular Rivet

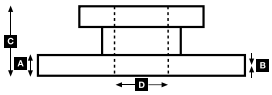


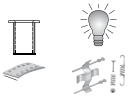
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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NU

NU 263, 313, NU 313 15M, NU 353 15M 191-257kW	09/96→	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28	D3/Elsa1 →80 km/h		UAI162	**BCR144A**
			29 210 28,00 41 4	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1 →100 km/h		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →80 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30	07/2004→ Knorr SN7 →100 km/h			
		R	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28	D3/Elsa1 →80 km/h		UAI162	**BCR144A**
			29 210 28,00 41 4	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1 →100 km/h		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →80 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	432	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	109	30	07/2004→ Knorr SN7 →100 km/h			**BCR181A**
	07/04→	F	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**

Regal/Regent

	01/57→12/68	F	**29 013 21,50 41 5***	4	29 013	FCV668	354	183	87	21	*use/verwenden FCV668			**BCR126A**

Regal/Regent

	01/57→12/68	R	**19 255 17,50 60 3**	2	19 255	RN/102/1	360	256	170	►17,5		93234		
				2	19 259	RN/103/1	360	349	170	►17,5		93059		

SD / SL / NL-Series:

NL 202 157kW /214PS	09/89→04/94	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
NL 313	07/98→			4	19 579	MB/75/1	410	214	163	►18,0		93060		
SD 202 155kW /211PS	10/85→04/94	R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
SL 200	04/86→			4	19 581	MB/77/1	410	214	223	►18,0		93060		
SL 202	06/84→04/94													

SD / SL-Series:

SD 200	04/74→12/86	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
SD 202	08/75→03/86	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
SL 200	05/80→04/87													
SL 202	08/75→03/86													

SG / NG-Series:

NG 262/272	1990→07/98	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
NG 312	09/95→07/98			4	19 579	MB/75/1	410	214	163	►18,0		93060		
SG 240 H 213kW /290PS	11/84→04/94	R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
SG 242	09/85→04/94			4	19 581	MB/77/1	410	214	223	►18,0		93060		
SG 242 H		R	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0	Auxiliary axle	93060	UAI202	
SG 280	04/86→			4	19 579	MB/75/1	410	214	163	►18,0		93060		
SG 282														
SG 292	09/85→													
SG 292 H 213kW /290PS	11/84→09/89													

SG-Series:

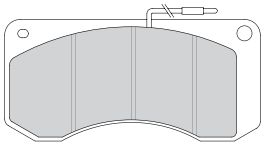
SG 220 177kW /241PS	07/76→01/86	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
SG 240 HÜ	05/80→01/86	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
SG 242	→03/86	R	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0	Trailing axle	93059	UAI205	
SG 242 H 177kW /241PS	05/80→01/86													
SG 280	→03/86													
SG 282														

SM-Series:

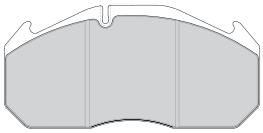
SM 152	11/87→04/94	F	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		
SM 182	11/87→02/95	F	**19 708 16,25 00 5**	6	19 708	GG/232/1	360	174	183	►16,25	1995→ Opt	93058		
				2	19 867	GG/232/2	360	174	183	►16,25	with w.i.hole	93058		
SM 192	11/87→02/95	R	**19 177 16,00 60 8**	8	19 177	GG/218/1	360	173	160	►16,0		93058		
		R	**19 708 16,25 00 5**	6	19 708	GG/232/1	360	174	183	►16,25	1995→ Opt	93058		
				2	19 867	GG/232/2	360	174	183	►16,25	with w.i.hole	93058		

MAN

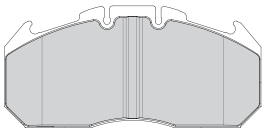
29 013 21,50 41 5*
1708 S.E.E. 2 x 67



29 053 30,00 41 4
4567, 4568 MER D3/D-ELSA 1



29 156 30,00 41 4
4567, 4568 MER D-ELSA 2



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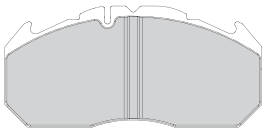
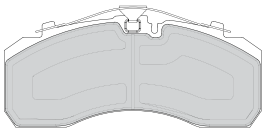
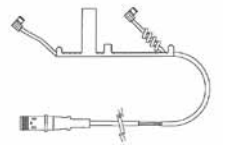
4567, 4568 MER D3/D-ELSA 1



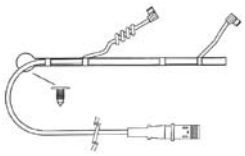
29 253 30,00 41 4
4550 KNR SB/SN7



UAI162 ↔ 400mm
2



UAI164 ↔ 290mm
2



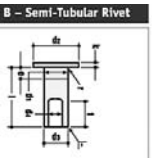
UAI202 ↔ 195mm
4

UAI205 ↔ 205mm
2

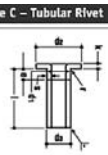
		∅	A	B	C	D		Kg	
BCR126A		354	30.0	26.0	82	128	10x12,4	14.2	
BCR144A		438	45.0	35.0	135	200	10xM16	36.0	
BCR181A		432	45.0	38.0	130	131	12x19 3xM12	36.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93234	9.5	05x12	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

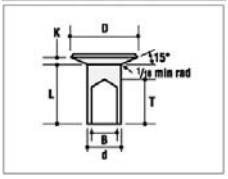
Type B – Semi-Tubular Rivet

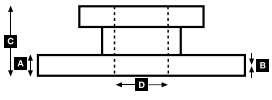


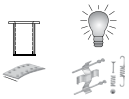
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







WVA

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SR-Series:

RÜ 240	01/80→04/83	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
RÜ 280		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	
SR 240 177kW /241PS	10/75→06/83													
SR 280 206kW /280PS	01/77→11/86													
SR 280 H 206kW /280PS														
SR 320	01/81→03/86													
SR 321 H 235kW /320PS	03/82→11/86													
SR 361	07/78→03/86													
SR 240	04/86→	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
SR 280				4	19 579	MB/75/1	410	214	163	►18,0		93060		
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060		

SÜ-Series:

SÜ 240	01/86→09/89	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
SÜ 242 180kW /245PS	01/87→04/93			4	19 579	MB/75/1	410	214	163	►18,0		93060		
SÜ 272 198kW /269PS	04/93→05/95	R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
SÜ 292 229kW /311PS	04/92→04/93			4	19 581	MB/77/1	410	214	223	►18,0		93060		
SÜ 322 235kW /320PS	05/95→06/97													
ÜL 242 177kW /241PS	09/89→03/93													
ÜL 292 213kW /290PS														
SÜ 242	05/80→01/86	F	**19 713 17,00 00 8**	8	19 713	MP/31/3	410	175	163	►17,0		93059	UAI205	
SÜ 280	02/77→03/86	R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0		93059	UAI205	

UL

UL 313, UL 353 228-257kW	09/96→	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28	D3/Elsa1 →80 km/h		UAI162	**BCR144A**
			29 210 28,00 41 4	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1 →100 km/h		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →80 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30	07/2004 → Knorr SN7 →100 km/h			
		R	**29 210 28,00 41 4**	4	29 210	FCV1579BFE	438	250	118	28	D3/Elsa1 →80 km/h		UAI162	**BCR144A**
			29 210 28,00 41 4	4	29 210	FCV1578BFE	438	250	118	28	D3/Elsa1 →100 km/h		UAI162	**BCR144A**
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →80 km/h		UAI162	
			29 053 30,00 41 4	4	29 053	FCV1583B		250	118	30	over size D3/Elsa1 →100 km/h		UAI162	
			29 156 30,00 41 4	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	432	250	118	30	Opt, D-Elsa2 →100 km/h		UAI164	**BCR144A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	432	248	109	30	07/2004 → Knorr SN7 →100 km/h			**BCR181A**
	07/04→	F	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	438	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	D-Elsa2 →100 km/h		UAI164	**BCR144A**
		R	**29 156 30,00 41 4**	4	29 156	FCV1656BFE	432	250	118	30	Opt, D-Elsa2 →80 km/h		UAI164	**BCR144A**
			29 156 30,00 41 4	4	29 156	FCV1404BFE	438	250	118	30	D-Elsa2 →100 km/h		UAI164	**BCR144A**

MCW

Metrobus

All	1979→1989	F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt.	93059	UAI205	
		R	**19 496 17,00 00 8**	8	19 496	MP/36/2	410	177	223	►17,0	Opt.	93059	UAI205	

Metrorider

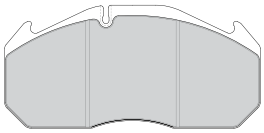
25 seater	01/87→12/89	F	**29 302 21,90 40 4**	4	29 302	FCV523	324	176	80	22				**BCR122A**
33 seater	01/87→12/89	F	**29 302 21,90 40 4**	4	29 302	FCV523	324	176	80	22				**BCR122A**
		R	**29 302 21,90 40 4**	4	29 302	FCV523	324	176	80	22				**BCR122A**

Metrorider

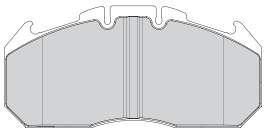
25 seater	1982→1986	F	**17 217 11,70 60 4**	4	17 217	GG/194/1	330	295	125	11,7		93684		
		R	**17 932 10,00 60 3**	2	17 933	GG/186/1	330	295	127	►8,5				
				2	17 932	GG/187/1	330	340	127	►10,0				

MAN

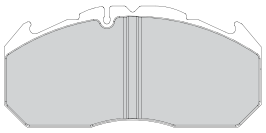
29 053 30,00 41 4
4567, 4568 — MER D3/D-ELSA 1



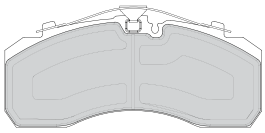
29 156 30,00 41 4
4567, 4568 — MER D-ELSA 2



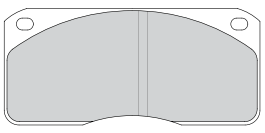
29 210 28,00 41 4
4567, 4568 — MER D3/D-ELSA 1



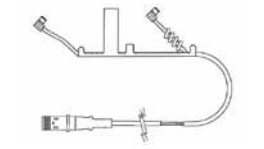
29 253 30,00 41 4
4550 — KNR SB/SN7



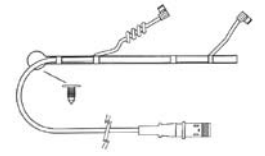
29 302 21,90 40 4
1720 — MER 2x68



UAI162 ↔ 400mm
2



UAI164 ↔ 290mm
2



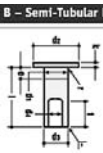
UAI202 ↔ 195mm
4

UAI205 ↔ 205mm
2

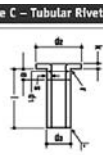
		∅	A	B	C	D		Kg	
BCR122A		324	30.0	27.0	111	165	12x13	13.0	
BCR144A		438	45.0	35.0	135	200	10xM16	36.0	
BCR181A		432	45.0	38.0	130	131	12x19 3xM12	36.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

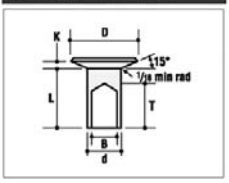
Type B – Semi-Tubular Rivet

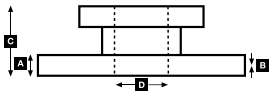


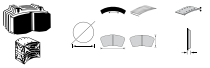
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







MENARINI

All

Monocar 110-201	→1994	F	**29 063 21,50 41 4**	4	29 063	FCV460	412	118	107	22				**FCR123A**
Monocar 220-321			**29 063 21,50 41 4**	4	29 063	FCV460	412	118	107	22				**FCR123A**
Monocar 110-201			**FCV964**	4	29064		350	118	107	21,5	with WI			**BCR127A**
Monocar 220-321			**FCV964**	4	29064		412	118	107	21,5	with WI			**FCR123A**
			FCV1053	4	29066		417	118	107	21,5	with twin WI			**BCR177A**
			FCV1916	4	29066			118	107	21,5	18m bus length			
5001		F	**29 072 19,20 41 8***	8	29 072	FCV624	350	170	111	19	* use/verwenden FCV624			**BCR127A**
Monocar 102-120			**29 186 20,00 41 6***	8	29 186	FCV1614	417	180	106	20	* use/verwenden FCV1614		K49.8556.9	**BCR177A**
Monocar 230			**FCV1053**	4	29066		412	118	107	21,5	with twin WI			**FCR123A**
Monocar 101		R	**FCV1053**	4	29066		412	118	107	21,5	with twin WI			**FCR123A**
Monocar 240		F	**29 150 30,00 41 4**	4	29 150	FCV1821B		249	1175	30				

All

5001		R	**19 849 17,55 00 6**	4	19 850	PB/16/1	410	192	160	►17,45		93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		
Monocar 110-201		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	►18,0		93683		
Monocar 220-321	1995→	R	**19 712 18,10 00 6**	4	19 712	PB/20/1	410	208	220	►18,1		93067		
				4	19 755	PB/21/1	410	211	220	►18,0		93067		

MERCEDES-BENZ

Citaro (O 530)

Citaro G, L, N, NG, GNG 170-260kW	01/98→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				**BCR145A**
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				**BCR145A**
			29 179 30,00 41 4	4	29 179	FCV1598BFE	430	248	109	30	trailing axle			**BCR145A**

Cito (O 520)

Cito 130kW	06/99→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				**BCR145A**
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				**BCR145A**

Concerto O 345:

Concerto C, H, M, UE	11/01→	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060	UAI202	
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060	UAI202	

Integro O 550:

Integro (12m)	01/00→	F	**29 083 28,00 41 4**	4	29 083	FCV760B	438	250	118	28			UAI107	**BCR120A**
			29 083 28,00 42 4	4	29 083		438	250	118	28	incl. heatshields		UAI107	**BCR120A**
			29 084 30,00 41 4	4	29 084	FCV1086B		250	118	30	over size		UAI107	
Integro M			**29 083 28,00 41 4**	4	29 083	FCV760B	438	250	118	28			UAI107	**BCR120A**
			29 083 28,00 42 4	4	29 083		438	250	118	28	incl. heatshields		UAI107	**BCR120A**
			29 084 30,00 41 4	4	29 084	FCV1086B		250	118	30	over size		UAI107	
Integro L			**29 083 28,00 41 4**	4	29 083	FCV760B	438	250	118	28			UAI107	**BCR120A**
			29 084 30,00 41 4	4	29 084	FCV1086B		250	118	30	over size option R2		UAI107	
Integro M		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
Integro L			**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
			29 083 28,00 41 4	4	29 083	FCV760B	438	250	118	28	Option R2		UAI107	**BCR120A**
			29 083 28,00 42 4	4	29 083		438	250	118	28	incl. heatshields, Option R2		UAI107	**BCR120A**
			29 084 30,00 41 4	4	29 084	FCV1086B		250	118	30	over size option R2		UAI107	

Integro O 550:

Integro (12m)	01/00→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		

Medio (Midibus)

Medio	01/99→	F	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22			UAI103	
		R	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22			UAI103	

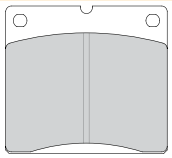
Mini Bus

307 D, 308/D, 310/D	05/77→12/94	F	**29 784 18,00 40 4**	4	29 784	FVR239	280	149	74	18			UAI102	**BCR116A**

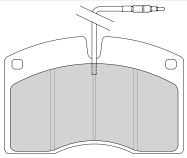
Mini Bus

308 63kW /85PS	1982→1994	R	**13 020 08,00 60 3**	2	13 532	MB/88/1	260	201	54	8,0		93021	UAI200	
308 D 58kW /79PS				2	13 020	MB/89/2	260	233	54	8,0		93021	UAI200	
310, D 70kW /95PS														

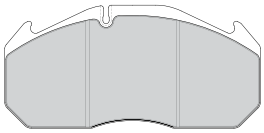
29 063 21,50 41 4
1721 BRE



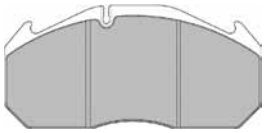
29 072 19,20 41 8
1708 BRE



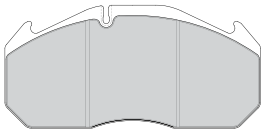
29 083 28,00 41 4
3422 MER D3



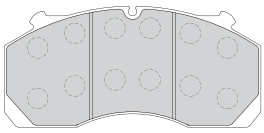
29 083 28,00 42 4
3422 MER D3



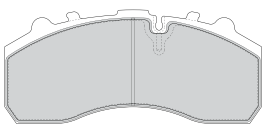
29 084 30,00 41 4
3422 MER



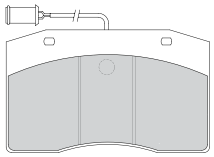
29 150 30,00 41 4
4567 MER DX225



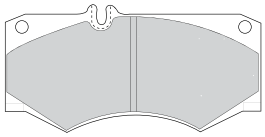
29 179 30,00 41 4
4567 KNR SB/SN7



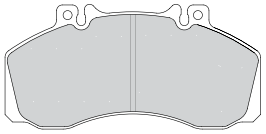
29 186 20,00 41 6*
3450 BRE Bi-disc



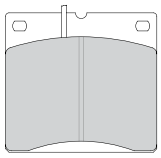
29 784 18,00 40 4
1720



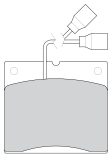
29 835 22,00 40 4
3422



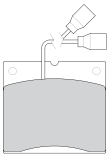
FCV964
- BRE



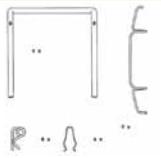
FCV1053
- BRE



FCV1916
- BRE

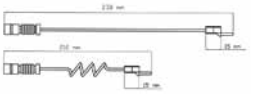


K49.8556.9

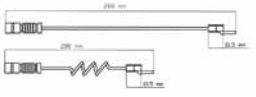


UAI102 ↔ 95mm
4

UAI103 ↔ 238mm
2+2



UAI107 ↔ 280mm
2+2



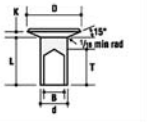
UAI200 ↔ 220mm
4

UAI202 ↔ 195mm
4

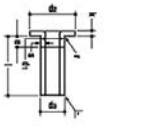
		∅	A	B	C	D		Kg	
BCR116A		280	16.0	13.0	78.5	88	5x18 5x12,5	7.0	
BCR120A		438	45.0	41.0	135	195	10xM14	33.5	
BCR127A		350	30.0	26.0	73	145	16x12,1	13.0	
BCR145A		430	45.0	37.0	132	211	10xM14	34.2	
BCR177A		417	30.0	27.0	73	159	10x18,5	18.6	
FCR123A		412	42.0	40.0	45	160	12	25.0	

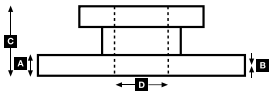
Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

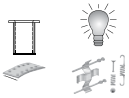
Type A – Semi Tubular Rivets



Type C – Tubular Rivet







...MERCEDES-BENZ

O 1114/O 1117/O 1120:

O 1114, L (BM 675) 100kW/136PS O 1117, L (BM 676) 125kW/170PS O 1120, L (BM 677) 150kW/204PS	1984→	F	**17 290 13,40 00 6**	4	17 290	MB/98/2	360	172	130	►13,4	→09/88	93058		
				4	17 950	MB/99/1	360	130	130	►13,5		93058		
		F	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5	10/88→	93058	UAI202	
				4	19 506	MB/114/1	364	172	160	►15,4		93058	UAI202	
		R	**17 290 13,40 00 6**	4	17 290	MB/98/2	360	172	130	►13,4	→09/88	93058		
				4	17 950	MB/99/1	360	130	130	►13,5		93058		
		R	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5	10/88→	93058	UAI202	
				4	19 506	MB/114/1	364	172	160	►15,4		93058	UAI202	

O 301:

O 301 125kW /170PS	02/86→05/87	F	**19 506 13,40 00 6**	4	19 844	MB/104/1	360	130	160	►13,5	→09/88	93058	UAI202	
				4	19 506	MB/105/2	360	172	160	►13,4		93058	UAI202	
		F	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5	10/88→	93058	UAI202	
				4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	
		R	**19 506 13,40 00 6**	4	19 844	MB/104/1	360	130	160	►13,5	→09/88	93058	UAI202	
				4	19 506	MB/105/2	360	172	160	►13,4		93058	UAI202	
		R	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5	10/88→	93058	UAI202	
				4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	

O 303:

O 303	10/74→09/92	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0	With Compressed air brakes	93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060	UAI202	
		F	**17 795 18,00 00 6**	4	17 796	MB/82/1	410	216	143	►18,0	With hydraulic brakes	93059		
				4	17 795	MB/83/1	410	172	143	►18,0		93059		
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0	With Compressed air brakes	93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060	UAI202	
		R	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0	With hydraulic brakes	93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060	UAI202	

O 305/O 307:

O 305 G 177kW /241PS O 305 ST O 307 155kW /210PS	02/78→05/87 01/69→05/87 11/76→08/87	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060	UAI202	
		R1	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060	UAI202	
		R2	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0	Articulated bus	93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060	UAI202	

O 309:

O 309	1966→	F	**15 349 09,00 60 3**	2	15 350	MB/69/1	300	288	70	9,0		93049		
				2	15 349	MB/70/1	300	245	70	9,0		93049		
		F	**15 580 12,00 60 3**	2	15 580	MB/94/1	304	244	98	12,0	10/77- (OM 352), 130 PS	93047		
				2	15 581	MB/95/1	304	286	98	12,0		93047		
		F	**17 409 12,00 60 4**	4	17 409	MB/93/1	304	248	135	12,0	Opt. 10/77-	93058		
		R	**15 349 09,00 60 3**	2	15 350	MB/69/1	300	288	70	9,0		93049		
				2	15 349	MB/70/1	300	245	70	9,0		93049		
		R	**15 580 12,00 60 3**	2	15 580	MB/94/1	304	244	98	12,0	10/77- (OM 352), 130 PS	93047		
				2	15 581	MB/95/1	304	286	98	12,0		93047		
		R	**17 409 12,00 60 4**	4	17 409	MB/93/1	304	248	135	12,0	Opt. 10/77-	93058		

O 317:

O 317 K 177kW /240PS O 317.2 (Chass. 317.231-10-00.4341-) 155kW / 210PS	1970→	F	**19 125 19,70 60 8**	8	19 125	MB/61/1	370	156	160	19,7		93059		
		R1	**19 466 19,40 60 8**	8	19 466	MB/58/3	370	156	220	19,4		93059		
		R2	**19 032 17,80 00 8**	8	19 032	BC/98/1	420	205	180	►17,8	Trailing axle	93058		

O 340

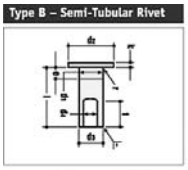
O 340, Tourismo	01/91→08/95	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060	UAI202	
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060	UAI202	

UAI202 ↔ 195mm

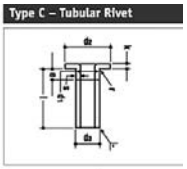
4

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

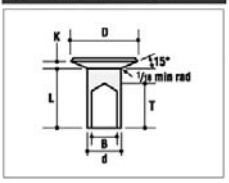
Type B – Semi-Tubular Rivet

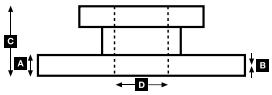


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





O 340/350 - O 404

O 340/350 - O 404 151-280kW	09/91→10/99	F	**29 083 28,00 41 4**	4	29 083	FCV760B	438	250	118	28			UAI107 FAC102	**BCR120A**
			29 083 28,00 42 4	4	29 083		438	250	118	28	incl. heatshields		UAI107	**BCR120A**
			29 084 30,00 41 4	4	29 084	FCV1086B		250	118	30	over size		UAI107 FAC102	
		R	**29 083 28,00 41 4**	4	29 083	FCV760B	438	250	118	28			UAI107 FAC102	**BCR120A**
			29 083 28,00 42 4	4	29 083		438	250	118	28	incl. heatshields		UAI107	**BCR120A**
			29 084 30,00 41 4	4	29 084	FCV1086B		250	118	30	over size		UAI107 FAC102	

O 402:

O 402	02/86→12/91	F	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5		93058	UAI202	
				4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	
		R	**19 506 15,40 00 6**	4	19 844	MB/113/1	364	131	160	►15,5		93058	UAI202	
				4	19 506	MB/114/2	364	172	160	►15,4		93058	UAI202	

O 405/O 407:

O 405 G, GN, GTD	11/85→	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060	UAI202	
		R1	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060	UAI202	
		R2	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060	UAI202	
O 405 ST, N O 407	12/84→ 03/87→11/01	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060	UAI202	
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060	UAI202	

O 408:

O 408 184kW /250PS	01/91→12/98	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060	UAI202	
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060	UAI202	

O 409 (5 to 7,5):

O 409	01/86→	F	**29 835 22,00 40 4**	4	29 835	FVR501	304	175	85	22			UAI103	**BCR118A**

O 409 (5 to):

		R	**15 059 09,30 60 3**	2	15 869	MB/107/1	300	237	87	9,3		93047	UAI201	
				2	15 059	MB/108/2	300	264	87	9,3		93047	UAI201	

O 409 (6 to):

		R	**17 350 09,30 60 3**	2	17 973	MB/100/1	300	237	102	9,3		93048	UAI201	
				2	17 350	MB/101/2	300	264	102	9,3		93048	UAI201	

O 409 (7,5 to):

		R	**17 351 09,30 60 3**	2	17 975	MB/117/1	300	237	122	9,3		93048	UAI201	
				2	17 351	MB/118/2	300	264	122	9,3		93048	UAI201	

O 606/O 611/O 614:

O 611 D O 614 D		R	**17 351 09,30 60 3**	2	17 975	MB/117/1	300	237	122	9,3		93048	UAI201	
				2	17 351	MB/118/2	300	264	122	9,3		93048	UAI201	

O 609/O 611/O 614:

O 609 D, O 611 D, O 614 D		F	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22			UAI103	**BCR119A**

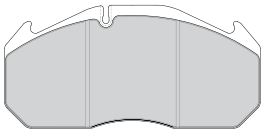
O 814 (7,5 to):

O 814, L (BM 674) 96kW/130PS	1984→	F	**17 278 11,50 00 4**	4	17 278	MB/96/2	304	258	105	►11,5	→6/87	93057	UAI202	
		F	**17 278 13,50 00 4**	4	17 278	MB/109/2	308	259	105	►13,5	7/87→	93057	UAI202	
		R	**17 278 11,50 00 4**	4	17 278	MB/96/2	304	258	105	►11,5	→6/87	93057	UAI202	
			17 278 13,50 00 4	4	17 278	MB/109/2	308	259	105	►13,5	7/87→	93057	UAI202	

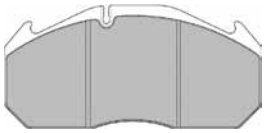
O 814 (8/8,6 to):

O 814, L 96kW /130PS	1984→	F	**17 280 11,50 00 4**	4	17 280	MB/97/2	304	258	120	►11,5	→6/87	93057	UAI202	
		F	**17 280 13,50 00 4**	4	17 280	MB/110/2	308	259	120	►13,5	7/87→	93057	UAI202	
		R	**17 278 11,50 00 4**	4	17 278	MB/96/2	304	258	105	►11,5	→6/87	93057	UAI202	
			17 280 13,50 00 4	4	17 280	MB/110/2	308	259	120	►13,5	→6/87 Opt	93057	UAI202	
			17 278 13,50 00 4	4	17 278	MB/109/2	308	259	105	►13,5	7/87→	93057	UAI202	
			17 280 13,50 00 4	4	17 280	MB/110/2	308	259	120	►13,5	7/87- Opt	93057	UAI202	

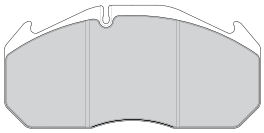
29 083 28,00 41 4
3422 MER D3



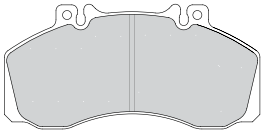
29 083 28,00 42 4
3422 MER D3

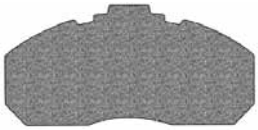


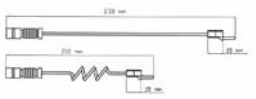
29 084 30,00 41 4
3422 MER

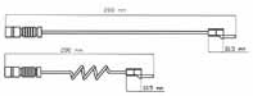


29 835 22,00 40 4
3422



FAC102 ↔


UAI103 ↔ 238mm
2+2


UAI107 ↔ 280mm
2+2


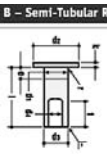
UAI201 ↔ 260mm
4

UAI202 ↔ 195mm
4

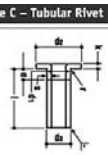
		∅	A	B	C	D		Kg	
BCR118A		304	30.0	26.0	91	118	6xM12	10.5	
BCR119A		324	30.0	26.0	91	118	6xM12	11.0	
BCR120A		438	45.0	41.0	135	195	10xM14	33.5	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

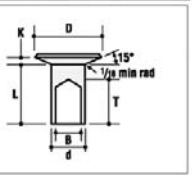
Type B – Semi-Tubular Rivet

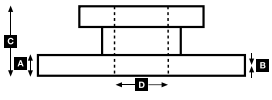


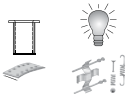
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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O 817:

O 817, L (BM 676) 125kW /170PS	1984→	F	**17 280 11,50 00 4**	4	17 280	MB/97/2	304	258	120	►11,5	→6/87	93057	UAI202	
		F	**17 280 13,50 00 4**	4	17 280	MB/110/2	308	259	120	►13,5	7/87→	93057	UAI202	
		R	**17 287 11,50 00 4**	4	17 287	MB/102/2	304	258	135	►11,5	→6/87	93057	UAI202	
			17 280 11,50 00 4	4	17 280	MB/97/2	304	258	120	►11,5	→6/87 Opt	93057	UAI202	
			17 287 13,50 00 4	4	17 287	MB/115/2	308	257	135	►13,5	7/87→	93057	UAI202	
			17 280 13,50 00 4	4	17 280	MB/110/2	308	259	120	►13,5	7/87- Opt	93057	UAI202	

Sprinter Mini Bus (3,5 to)

Sprinter		F	**21 576 19,00 40 3**	4	21 576	FVR1038	276	156	65	19				**BCR228A**
		R	**21 592 18,80 40 3**	4	21 592	FVR1045	272	156	55	19				**BCR229A**
			23 021 18,60 40 4*	4	23 021	FVR1306	272	126	63	19	01/98→, * use/verwenden FVR1306			**BCR229A**

Sprinter Mini Bus (4,6 to)

Sprinter		F	**29 153 19,70 40 4**	4	29 153	FVR1879	276	165	73	19►7			FWI278	**BCR228A**
		R	**29 153 19,70 40 4**	4	29 153	FVR1879	272	165	73	19►7			FWI278	**BCR229A**

Tourino (O 510)

Tourino 180-205kW	10/03→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30				**BCR189A**
		R	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30				**BCR206A**

Tourismo (O 350)

Tourismo 250-310kW	08/95→	F	**29 083 28,00 41 4**	4	29 083	FCV760B	438	250	118	28			UAI107 FAC102	**BCR120A**
			29 083 28,00 42 4	4	29 083		438	250	118	28	incl. heatshields		UAI107	**BCR120A**
			29 084 30,00 41 4	4	29 084	FCV1086B		250	118	30	over size		UAI107 FAC102	
		R	**29 083 28,00 41 4**	4	29 083	FCV760B	438	250	118	28			UAI107 FAC102	**BCR120A**
			29 083 28,00 42 4	4	29 083		438	250	118	28	incl. heatshields		UAI107	**BCR120A**
			29 084 30,00 41 4	4	29 084	FCV1086B		250	118	30	over size		UAI107 FAC102	
Tourismo RHD, SHD 250-310kW	09/03→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30			UAI134	**BCR145A**
	08/95→	R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR145A**

Travego (O 580)

15 RH/RHD, 17 RHD 260-350kW	10/99→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR145A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30				**BCR145A**
			29 253 30,00 41 4	4	29 253	FCV4296PTS	430	248	108	30	trailing axle			**BCR145A**

Vario Minibus

O 810, 812, 814, 815	09/96→	F	**29 835 21,70 40 4**	4	29 835	FVR1522	304	175	85	22			UAI103	**BCR162A**
							324							**BCR163A**
		R	**29 835 21,70 40 4**	4	29 835	FVR1522	304	175	85	22			UAI103	**BCR164A**
							324							**BCR165A**

MOSELEY

Drawbar Trailer

NVDB	1978→	All	**19 604 14,80 60 6**	4	19 604	RW/9/3	311	126	190	►14,8		93685		
				4	19 605	RW/13/3	311	158	190	►16,1		93685		

Drop Frame

NVSLL 32.5 tons gross	1978→	All	**19 604 14,80 60 6**	4	19 604	RW/9/3	311	126	190	►14,8		93685		
				4	19 605	RW/13/3	311	158	190	►16,1		93685		

Low Rider

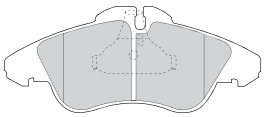
36 ton GVW	1978→	F	**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	219	►18,7		93685		
				4	19 370	FU/5/4	419	192	219	►19,3		93685		
		R	**19 369 18,70 80 6**	4	19 369	FU/4/4	419	189	219	►18,7		93685		
				4	19 370	FU/5/4	419	192	219	►19,3		93685		

NEOPLAN

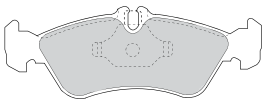
All

Neoplan-Bus for Knorr-Brake pads N 8008		F	**29 747 32,00 40 8**	8	29 747	FCV594	460	140	121	32				**FCR100A**
			29 055 22,00 40 4	4	29 055	FCV987		176	83	22				
		R	**29 055 22,00 40 4**	4	29 055	FCV987		176	83	22				

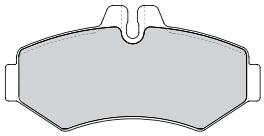
21 576 19,00 40 3
4507



21 592 18,80 40 3
4507



23 021 18,60 40 4*
4801



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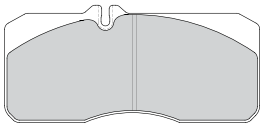
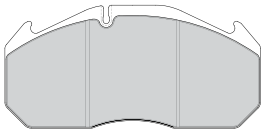
4551 WAB 1000 V-G



29 083 28,00 41 4
3422 MER D3



29 083 28,00 42 4
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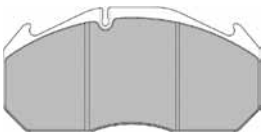
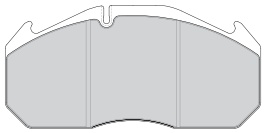
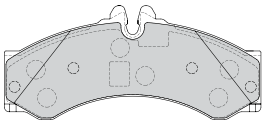


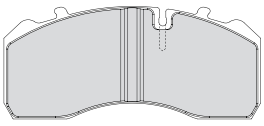
29 084 30,00 41 4
3422 MER



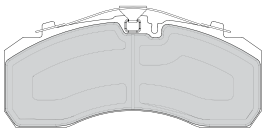
29 153 19,70 40 4
4020



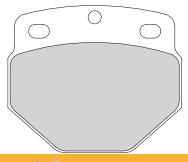
29 197 30,00 41 4
4550 KNR SB/SN6



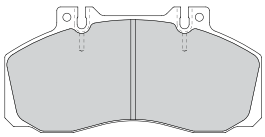
29 253 30,00 41 4
4550 KNR SB/SN7



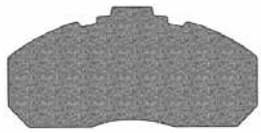
29 747 32,00 40 8
1721 KNR K 85



29 835 21,70 40 4
4027

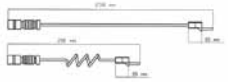


FAC102 ↔

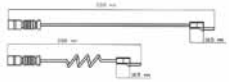


FWI278 ↔ 189mm
2

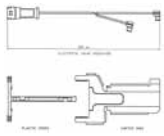
UAI103 ↔ 238mm
2+2



UAI107 ↔ 280mm
2+2



UAI134 ↔ 355mm
2

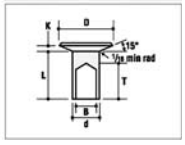


UAI202 ↔ 195mm
4

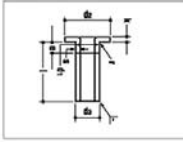
		∅	A	B	C	D		Kg		ABS
BCR120A		438	45.0	41.0	135	195	10xM14	33.5		
BCR145A		430	45.0	37.0	132	211	10xM14	34.2		
BCR162A		304	30.0	26.0	91	118	6xM12	10.5		
BCR163A		324	30.0	26.0	91	118	6xM12	11.0		
BCR164A		304	30.0	26.0	120	157	6xM12	11.4		
BCR165A		324	30.0	26.0	120	157	6xM12	12.2		
BCR189A		377	45.0	37.0	134	105.7	14x14,5	24.0		
BCR206A		377	45.0	38.0	159	230	8x23 2x10,5 5xM6	27.0		✓
BCR228A		276	22.0	19.0	77	85	5x15 1x9/17 1x16/23	6.8		
BCR229A		272	16.0	14.0	96	85	5x15 1x9/17 1x16/23	6.9		
FCR100A		460	48.0	40.0	119	170	10xM16	34.0		

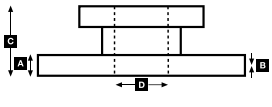
Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

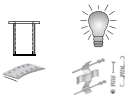
Type A – Semi Tubular Rivets



Type C – Tubular Rivet







...NEOPLAN

All

Neoplan-Bus for Eaton-axle		F	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0		93683		
		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0		93683		

Centroliner:

N 4411, N 4416, N 4420, N 4421, N 4407,	10/98→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	
N 4410, N 4413, N 4414, N 4426/3 162-257kW		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	**BCR168A**
N 4411														
N 4413														
N 4414														
N 4416														
N 4420/3														
N 4421/3														
N 4426/3														

Cityliner:

N 116 228-267kW	09/90→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	**BCR168A**
N 116, N 116/3 HC 272-338kW	09/90→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	**BCR168A**

Cityliner:

N 116 158kW /215PS	1974→	F	**17 263 18,30 60 6**	4	17 263	DF/22/3	419	209	127	►18,3	DAF-axle N 120	93685		
N 116/3 188kW /256PS				4	17 264	DF/23/3	419	216	127	►18,8		93685		
			19 579 18,00 00 6	4	19 706	MB/74/1	410	173	163	►18,0	Merc Axle V04/11DL-7	93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060		
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	DAF-axle 2250	93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
			19 581 18,00 00 6	4	19 707	MB/76/1	410	173	223	►18,0	Merc Axle H07/DL10	93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060		
N 116 H	1992→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
N 116/3				2	19 699	PB/18/2	410	192	220	►17,55		93067		
N 116/3H				4	19 848	PB/19/1	410	192	220	►17,45		93067		

Euroliner:

N 316 SHD		F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	**BCR168A**
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	**BCR168A**

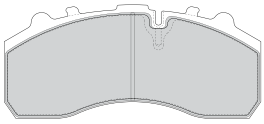
Jetliner:

N 208 140-169kW	09/90→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				**BCR168A**
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				
N 212 H	01/74→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	**BCR168A**
N 213 H, SHD														
N 214 H														

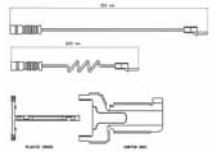
Jetliner:

N 208 96kW /130PS	1974→	F	**17 297 15,00 60 8**	8	17 297	MB/67/1	418	213	100	15,0		93058		
N 210 96kW /130PS		R	**17 298 15,00 60 8**	8	17 298	MB/68/1	418	213	120	15,0		93058		
N 212	1974→1992	F	**17 286 10,00 60 8**	8	17 286	BC/1/1	440	190	100	10,0		93059		
N 213	1974→	F	**19 125 19,70 60 8**	8	19 125	MB/61/1	370	156	160	19,7	Merc Axle	93059		
N 312		R	**19 466 19,40 60 8**	8	19 466	MB/58/3	370	156	220	19,4		93059		
N 313														
N 412														
N 413														
N 213 H, SHD	1992→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
N 214 H				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
N 214	1974→1992	F	**17 286 10,00 60 8**	8	17 286	BC/1/1	440	190	100	10,0		93059		
N 216			**17 263 18,30 60 6**	4	17 263	DF/22/3	419	209	127	►18,3	DAF-axle N 120	93685		
N 218				4	17 264	DF/23/3	419	216	127	►18,8		93685		
N 314	1974→1982		**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0	Merc Axle V04/11DL-7	93060	UAI202	
N 316				4	19 579	MB/75/1	410	214	163	►18,0		93060		
N 414		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3	DAF-axle 2250	93685		
N 416				4	19 260	DF/17/2	419	216	178	►18,8		93685		
			19 581 18,00 00 6	4	19 707	MB/76/1	410	173	223	►18,0	Merc Axle H07/DL10	93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060		

29 179 30,00 41 4
4567 KNR SB/SN7



UAI130 ↔ 310mm
2+2

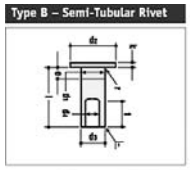


UAI202 ↔ 195mm
4

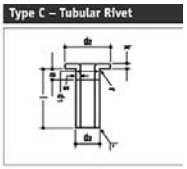
		Ø	A	B	C	D		Kg	
BCR168A		430	45.0	37.0	131	203	10xM16	34.4	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

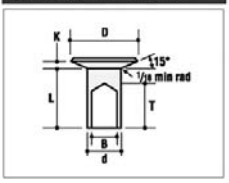
Type B – Semi-Tubular Rivet

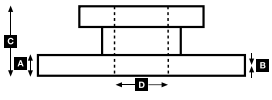


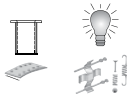
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...NEOPLAN

...Jetliner:

N 326 188kW /256PS N 426 188kW /256PS	1974→	F	**19 579 18,00 00 6**	4 4	19 706 19 579	MB/74/1 MB/75/1	410 410	173 214	163 163	►18,0 ►18,0		93060 93060	UAI202	
		R	**19 581 18,00 00 6**	4 4	19 707 19 581	MB/76/1 MB/77/1	410 410	173 214	223 223	►18,0 ►18,0		93060 93060	UAI202	
N 407 100kW /136PS N 409 100kW /136PS		F	**19 225 14,00 60 4**	4	19 225	FI/124/2	360	318	170	14,0	10/85→	93059		
		R	**17 900 12,10 60 3**	2 2	17 900 17 901	MP/39/1 MP/40/1	325 325	301 251	147 147	12,1 12,1	→09/85	93057 93057		
			19 225 14,00 60 4	4	19 225	FI/124/2	360	318	170	14,0	10/85→	93059		
N 416	1983→	F	**19 849 17,55 00 6**	4 4	19 849 19 850	PB/16/1 PB/17/1	410 410	192 192	160 160	►17,55 ►17,45		93067 93067		
		R	**19 699 17,55 00 5**	2 2 4	19 847 19 699 19 848	PB/18/1 PB/18/2 PB/19/1	410 410 410	192 192 192	220 220 220	►17,55 ►17,55 ►17,45		93067 93067 93067		

Low Floor Buses

N 4008, N 4009, N 4010, N 4011, N 4014, N 4016, N 4024, N 4026	01/92→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	**BCR168A**

Low Floor Buses

N 4007 NF N 4009 LNF	1988→	F	**19 849 17,55 00 6**	4 4	19 849 19 850	PB/16/1 PB/17/1	410 410	192 192	160 160	►17,55 ►17,45		93067 93067		
N 4009 NF N 4014 NF N 4016 NF N 4021 NF		R	**19 712 18,10 00 6**	4 4	19 712 19 755	PB/20/1 PB/21/1	410 410	208 211	220 220	►18,1 ►18,0	cast iron brake shoes	93067 93067		
N 4009 N 4010 N 4011 N 4014 N 4016 N 4024 N 4026	1992→	R	**19 699 17,55 00 5**	2 2 4	19 847 19 699 19 848	PB/18/1 PB/18/2 PB/19/1	410 410 410	192 192 192	220 220 220	►17,55 ►17,55 ►17,45		93067 93067 93067		

Metroliner:

MIC 4008, MIC 4012, MIC 4017	01/90→	F	**29 055 22,00 40 4**	4	29 055	FCV987		176	83	22				
		R	**29 055 22,00 40 4**	4	29 055	FCV987		176	83	22				

Metroliner:

MIC 4012 MIC 4017	1990→	F	**19 849 17,55 00 6**	4 4	19 849 19 850	PB/16/1 PB/17/1	410 410	192 192	160 160	►17,55 ►17,45	Opt.	93067 93067		
		R	**19 699 17,55 00 5**	2 2 4	19 847 19 699 19 848	PB/18/1 PB/18/2 PB/19/1	410 410 410	192 192 192	220 220 220	►17,55 ►17,55 ►17,45	Opt.	93067 93067 93067		

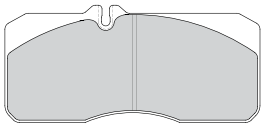
Skyliner

N 122/3 268-295kW	09/92→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	

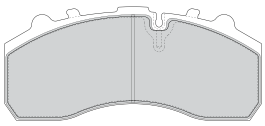
Skyliner:

N 122	1974→	F	**17 263 18,30 60 6**	4 4	17 263 17 264	DF/22/3 DF/23/3	419 419	209 216	127 127	►18,3 ►18,8	DAF-axle N 120	93685 93685		
			19 579 18,00 00 6	4 4	19 706 19 579	MB/74/1 MB/75/1	410 410	173 214	163 163	►18,0 ►18,0	Merc Axle V04/11DL-7	93060 93060	UAI202	
		R	**19 256 18,30 60 6**	4 4	19 256 19 260	DF/16/2 DF/17/2	419 419	208 216	178 178	►18,3 ►18,8	DAF-axle 2250	93685 93685		
			19 581 18,00 00 6	4 4	19 707 19 581	MB/76/1 MB/77/1	410 410	173 214	223 223	►18,0 ►18,0	Merc Axle H07/DL10	93060 93060	UAI202	
N 122	1984→	F	**19 849 17,55 00 6**	4 4	19 849 19 850	PB/16/1 PB/17/1	410 410	192 192	160 160	►17,55 ►17,45		93067 93067		
		R1	**19 699 17,55 00 5**	2 2 4	19 847 19 699 19 848	PB/18/1 PB/18/2 PB/19/1	410 410 410	192 192 192	220 220 220	►17,55 ►17,55 ►17,45		93067 93067 93067		
		R2	**19 849 17,55 00 6**	4 4	19 849 19 850	PB/16/1 PB/17/1	410 410	192 192	160 160	►17,55 ►17,45		93067 93067		

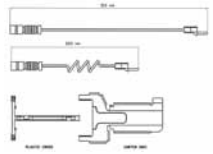
29 055 22,00 40 4
4551 WAB 1000 V-G



29 179 30,00 41 4
4567 KNR SB/SN7



UAI130 ↔ 310mm
2+2

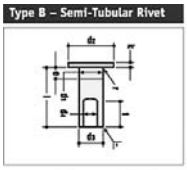


UAI202 ↔ 195mm
4

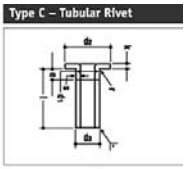
		∅	A	B	C	D		Kg	
BCR168A		430	45.0	37.0	131	203	10xM16	34.4	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

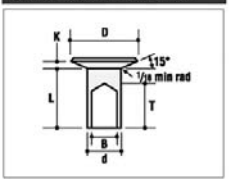
Type B – Semi-Tubular Rivet

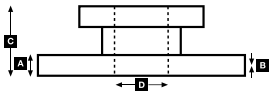


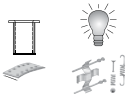
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...NEOPLAN

...Skyliner:

N 122 (DAF ch.)	1974→1992	F	**17 263 18,30 60 6**	4	17 263	DF/22/3	419	209	127	►18,3		93685		
				4	17 264	DF/23/3	419	216	127	►18,8		93685		
		R	**19 256 18,30 60 6**	4	19 256	DF/16/2	419	208	178	►18,3		93685		
				4	19 260	DF/17/2	419	216	178	►18,8		93685		
N 122 (Mercedes ch.)	1974→1992	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060		
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060		
N122/3	1992→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,45		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
N 138 N 138/4	1975→1984	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060		
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060		
			19 579 18,00 00 6	4	19 706	MB/74/1	410	173	163	►18,0	Trailing axle	93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060		

Spaceliner:

N 117/3 268-309kW	09/92→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	**BCR168A**

Spaceliner:

N 117/3	1992→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		

Starliner

N 516 , N 516/3 280-338kW	09/96→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	**BCR168A**
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	

Transliner

N 312, N 316 268-295kW	09/92→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI130	**BCR168A**

Transliner:

N 316	1992→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		

OPTARE

Alero

	09/01→	F	**29 138 18,00 41 3***	4	29 138	FVR1351		149	69	18	* use/verwenden FVR1351			
		R	**29 121 20,30 41 4**	4	29 121	FVR1102		165	66	20				

Delta

DAF SB220 Chassis	1989→	F	**19 150 18,30 60 6**	4	19 150	DF/20/3	419	209	152	►18,3		93685		
				4	19 151	DF/21/3	419	216	152	►18,8		93685		
			19 900 19,10 60 6	4	19 900	DF/34/1	420	177	150	►19,1	Opt.	93686		
				4	19 901	DF/35/1	420	179	150	►18,5		93686		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		

Excel

	1996→	F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI205	

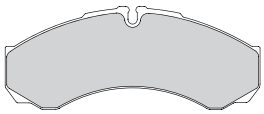
Metrorider

Wheel = 17.5" Hydraulic Brakes Meritor 2x68	01/89→	F	**29 302 21,90 40 4**	4	29 302	FCV523	324	176	80	22				**BCR122A**
		R	**29 302 21,90 40 4**	4	29 302	FCV523	324	176	80	22				**BCR122A**

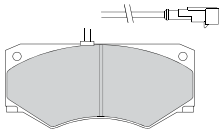
Nouvelle SR

		F	**29 302 21,90 40 4**	4	29 302	FCV523		176	80	22				
		R	**29 302 21,90 40 4**	4	29 302	FCV523		176	80	22				

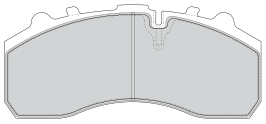
29 121 20,30 41 4
4401



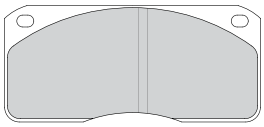
29 138 18,00 41 3*
3475



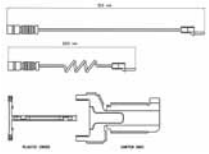
29 179 30,00 41 4
4567 KNR SB/SN7



29 302 21,90 40 4
1720 MER 2x68



UAI130 ↔ 310mm
2+2



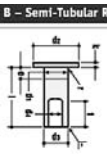
UAI202 ↔ 195mm
4

UAI205 ↔ 205mm
2

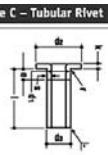
		∅	A	B	C	D		Kg	
BCR122A		324	30.0	27.0	111	165	12x13	13.0	
BCR168A		430	45.0	37.0	131	203	10xM16	34.4	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

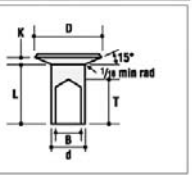
Type B – Semi-Tubular Rivet

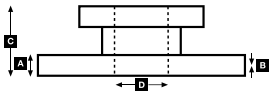


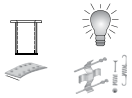
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...OPTARE

Prisma

M Benz 0405 chassis	1995→	F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060		
		R	**19 581 18,00 00 6**	4	19 707	MB/76/1	410	173	223	►18,0		93060	UAI202	
				4	19 581	MB/77/1	410	214	223	►18,0		93060		

Sigma

All	1994→1996	F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE		250	118	28				

Solero

		F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	109	30				
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	109	30				

Solo

Wheel = 17.5" Hydraulic Brakes Meritor 2x68	1988→03/02	F	**29 302 21,90 40 4**	4	29 302	FCV523	324	176	80	22				**BCR122A**
		R	**29 302 21,90 40 4**	4	29 302	FCV523	324	176	80	22				**BCR122A**
		F	**29 088 26,00 40 4**	4	29 088	FCV1279	324	176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAC173	**BCR122A**
		R	**29 088 26,00 40 4**	4	29 088	FCV1279	324	176	83	26	UAC173 (SPRINGS) / UAC169 (FORKS)		UAC173	**BCR122A**

Soroco NT

(Sprinter 413CDi Chassis)		F	**21 576 19,00 40 3**	4	21 576	FVR1038		156	65	19				
		R	**21 621 17,00 40 3**	4	21 621	FVR1039		141	49	17				
			29 153 19,70 40 4	4	29 153	FVR1879		165	73	19.7				
			23 021 18,60 40 4*	4	23 021	FVR1306		126	63	19	* use/verwenden FVR1306			

Spectra

Double Decker	1989→	F	**19 900 19,10 60 6**	4	19 900	DF/34/1	420	177	150	►19,1		93686		
				4	19 901	DF/35/1	420	179	150	►18,5		93686		
		R	**19 010 20,60 60 6**	4	19 011	DF/44/1	420	177	150	►20,6		93686		
				4	19 010	DF/45/1	420	176	150	►20,8		93686		

Starider

Wheel = 17.5" Hydraulic Brakes 33 places. Meritor 2x60	01/87→	F	**29 835 22,00 40 4**	4	29 835	FVR501	324	175	85	22			UAI103	**BCR119A**

Starider

		R	**17 351 09,30 60 3**	2	17 975	MB/117/1	300	237	122	9,3		93048	UAI201	
				2	17 351	MB/118/2	300	264	122	9,3		93048		

Tempo

	2006→	F	**29 187 29,00 41 4**	4	29 187	FCV4311B	249.4	1138	29					

Vecta

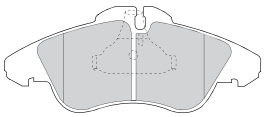
All	1989→	F	**17 017 16,00 60 8**	8	17 017	GG/217/1	360	173	143	►16,0		93058		
		R	**19 177 16,00 60 8**	8	19 177	GG/218/1	360	173	160	►16,0		93058		
			19 708 16,25 00 5	8	19 708	GG/232/1	360	174	183	►16,25	Opt.	93058		

PEGASO

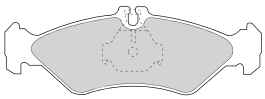
All

1061 A, 1063 A, 1064 A		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
1135, 2135, 2180		F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
2011 A, 5074 A,		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	162	200	►17,3		93049		
2181, 2182		F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		
5030 L, 5076 N, 6038		R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		

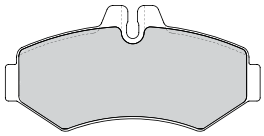
21 576 19,00 40 3
4507



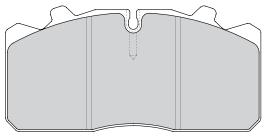
21 621 17,00 40 3
4507



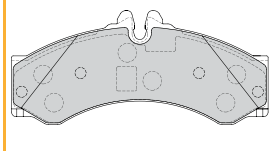
23 021 18,60 40 4*
4801



29 088 26,00 40 4
1723 WAB PAN 17

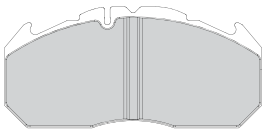


29 153 19,70 40 4
4020

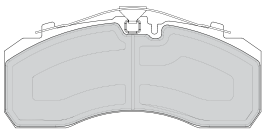


29 187 29,00 41 4
4567 MER EX225H2

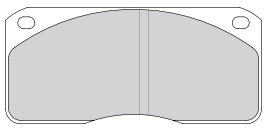
29 210 28,00 41 4
4567 MER D3/D-ELSA 1



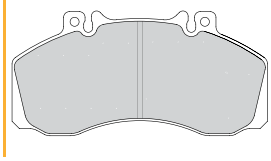
29 253 30,00 41 4
4550 KNR SB/SN7



29 302 21,90 40 4
1720 MER 2x68

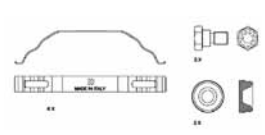


29 835 22,00 40 4
3422

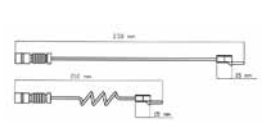


UAC169 ↔

UAC173 ↔

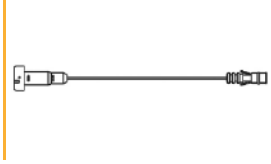


UAI103 ↔ 238mm
2+2



UAI201 ↔ 260mm
4

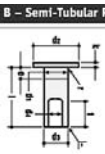
UAI202 ↔ 195mm
4



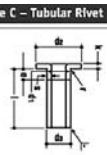
		∅	A	B	C	D		Kg	
BCR119A		324	30.0	26.0	91	118	6xM12	11.0	
BCR122A		324	30.0	27.0	111	165	12x13	13.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

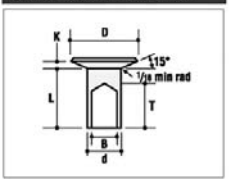
Type B – Semi-Tubular Rivet

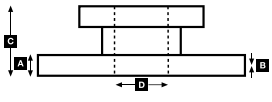


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...PEGASO

...All

5317 Minibus	1987→	F	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
		R	**19 877 16,20 60 6**	4	19 878	PD/7/1	410	160	160	►16,2		93049		
				4	19 877	PD/8/1	410	162	160	►17,3		93049		
6420	1987→	R	**19 879 17,30 60 6***	4	19 879	PD/3/1	410	162	200	►16,5	* use/verwenden K19879.0-F3537	93049		
				4	19 881	PD/4/1	410	160	200	►17,3		93049		

RENAULT BUS

Agora Series → SEE IRISBUS

Ares → SEE IRISBUS

Axer → SEE IRISBUS

E7L, M, N → SEE IRISBUS

FR1 (5.4M, 5.6M, 6.2M) → SEE IRISBUS

Iliade → SEE IRISBUS

PGK205, PGR, PH3, 4, 12/100 → SEE IRISBUS

PR-PC-PG-PH Series → SEE IRISBUS

R312

R312	01/90→	F	**29 072 19,20 41 8***	8	29 072	FCV624	350	170	111	19	*use/verwenden FCV624			**BCR127A**
		R	**29 072 19,20 41 8***	8	29 072	FCV624	350	170	111	19	*use/verwenden FCV624			**BCR127A**

S-SC Series → SEE IRISBUS

Tracer → SEE IRISBUS

SANOS

All

415/DL 426		F	**19 579 18,00 00 6**	4	19 706	MB/74/1	410	173	163	►18,0		93060	UAI202	
				4	19 579	MB/75/1	410	214	163	►18,0		93060	UAI202	
		R	**19 632 18,00 00 6**	4	19 633	MB/84/1	410	217	183	►18,0		93059		
				4	19 632	MB/85/1	410	173	183	►18,3		93059		

SCANIA

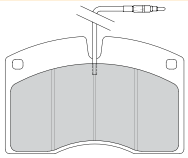
All

All models fitted with Knorr SB/SN7... Brake	1996→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30			UAI141	**BCR170A**
			29 179 30,00 41 4	4	29 179	FCV1598BFE	430	248	109	30	Inner City Bus		UAI141	**BCR170A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30			UAI141	**BCR170A**
			29 179 30,00 41 4	4	29 179	FCV1598BFE	430	248	109	30	Inner City Bus		UAI141	**BCR170A**

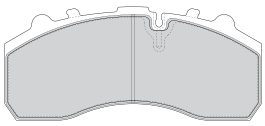
All

BR 86	1979→	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
		R	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0		93687		
			19 647 19,00 60 8	8	19 647	SV/34/1	413	193	254	19,0	Opt.	93687		
BF 110	1968→	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
		R	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0		93687		
BR 110	1968→	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
		R	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0		93687		

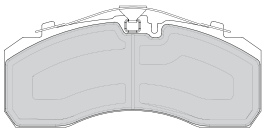
29 072 19,20 41 8
1708 BRE



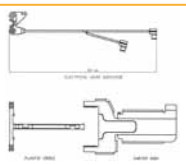
29 179 30,00 41 4
4567 KNR SB/SN7



29 253 30,00 41 4
4550 KNR SB/SN7



UAI141 ↔ 310mm
2

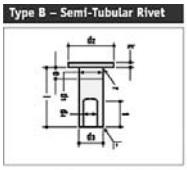


UAI202 ↔ 195mm
4

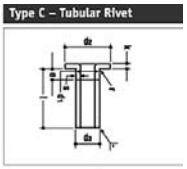
		∅	A	B	C	D		Kg	
BCR127A		350	30.0	26.0	73	145	16x12,1	13.0	
BCR170A		430	45.0	37.0	131	208	10xM16	29.5	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

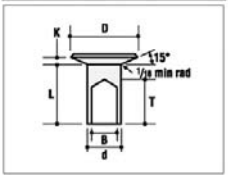
Type B – Semi-Tubular Rivet

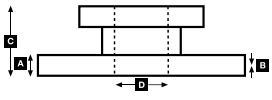


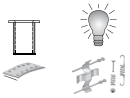
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...SCANIA

...All

BR 111 DH 115kW /156PS	1974→	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
		R	**19 647 19,00 60 8**	8	19 647	SV/34/1	413	193	254	19,0		93687		
BR 112	1979→	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
		R	**19 647 19,00 60 8**	8	19 647	SV/34/1	413	193	254	19,0		93687		
BR 112 A		F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
		R	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0	Opt.	93687		
			19 647 19,00 60 8	8	19 647	SV/34/1	413	193	254	19,0		93687		
BR 116	1978→	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
		R	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0	Opt.	93687		
			19 647 19,00 60 8	8	19 647	SV/34/1	413	193	254	19,0		93687		
C 50 Metropol		F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
		R	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
CF 50 Metropol with Air Brakes		F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
		R	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
CN 112	08/88→	F	**19 931 19,00 00 4**	4	19 931	SV/40/2	413	235	178	19,0		93280		
		R	**19 933 19,00 00 4**	4	19 933	SV/42/2	413	235	254	19,0		93280		
CR 110 Metro-Scania	1970→	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
		R	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0		93687		
CR 111 M	1975→	F	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0		93687		
		R	**19 647 19,00 60 8**	8	19 647	SV/34/1	413	193	254	19,0		93687		
CR 112	08/88→	F	**19 931 19,00 00 4**	4	19 931	SV/40/2	413	235	178	19,0		93280		
		R	**19 933 19,00 00 4**	4	19 933	SV/42/2	413	235	254	19,0		93280		
K 82 170kW /231PS	1982→	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
		F	**19 393 19,00 00 8**	8	19 393	SV/27/1	413	193	203	19,0	Opt.	93687		
		R	**19 647 19,00 60 8**	8	19 647	SV/34/1	413	193	254	19,0		93687		
K 92 CR	1985→1988	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
		R	**19 647 19,00 60 8**	8	19 647	SV/34/1	413	193	254	19,0		93687		
K 93 CRB	1988→	F	**19 931 19,00 00 4**	4	19 931	SV/40/2	413	235	178	19,0		93280		
		R	**19 933 19,00 00 4**	4	19 933	SV/42/2	413	235	254	19,0		93280		
K 112 CL 224kW /304PS	1982→1988	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
		R	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0	Trailing axle	93687		
			19 647 19,00 60 8	8	19 647	SV/34/1	413	193	254	19,0		93687		
K 112 T	1984→1988	F	**19 075 19,00 00 8**	8	19 075	SV/8/1	413	193	178	19,0		93687		
		R	**17 161 19,00 00 8**	8	17 161	SV/26/1	413	193	127	19,0	Trailing axle	93687		
			19 647 19,00 60 8	8	19 647	SV/34/1	413	193	254	19,0		93687		
K 113 CRB, TRS	1988→	F	**19 931 19,00 00 4**	4	19 931	SV/40/2	413	235	178	19,0		93280		
		R	**19 933 19,00 00 4**	4	19 933	SV/42/2	413	235	254	19,0		93280		
N 112 AL Gelenkbus	08/88→	F	**19 931 19,00 00 4**	4	19 931	SV/40/2	413	235	178	19,0		93280		
		R	**19 932 19,00 00 4**	4	19 932	SV/41/2	413	235	203	19,0		93280		
			19 933 19,00 00 4	4	19 933	SV/42/2	413	235	254	19,0		93280		
N 112 CLB	08/88→	F	**19 931 19,00 00 4**	4	19 931	SV/40/2	413	235	178	19,0		93280		
		R	**19 933 19,00 00 4**	4	19 933	SV/42/2	413	235	254	19,0		93280		
N 113 CRB, DRB	1988→	F	**19 931 19,00 00 4**	4	19 931	SV/40/2	413	235	178	19,0		93280		
		R	**19 933 19,00 00 4**	4	19 933	SV/42/2	413	235	254	19,0		93280		

K124, L94 Series

Wheel 22.5" Air Brake Discs on all axles (Knorr SB/SN7...)	2001→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI141	**BCR170A**
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30			UAI141	**BCR170A**

SEDDON ATKINSON

All

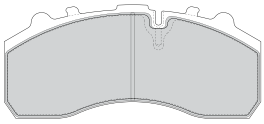
Pennine	→1975	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	▶18,15	Opt.	93684		
				2	19 385	CW/4/2	381	188	178	▶18,15		93684		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	▶18,15	Opt.	93684		
				2	19 385	CW/4/2	381	188	178	▶18,15		93684		

SETRA

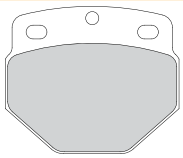
All

S 140	01/89→	F	**29 747 32,00 40 8**	8	29 747	FCV594	406	140	121	32				**BCR113A**
							432				Opt			**BCR114A**

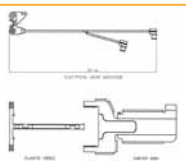
29 179 30,00 41 4
4567 KNR SB/SN7



29 747 32,00 40 8
1721 KNR K 85



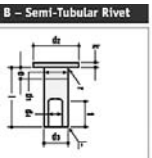
UAI141 ↔ 310mm
2



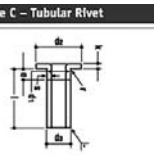
		∅	A	B	C	D		Kg	
BCR113A		406	48.0	38.0	175	194	10xM16	32.7	
BCR114A		432	45.0	35.0	135	194	10xM16	32.5	
BCR170A		430	45.0	37.0	131	208	10xM16	29.5	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93280	12	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

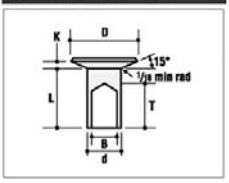
Type B – Semi-Tubular Rivet

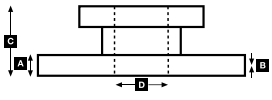


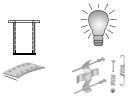
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...SETRA

...All

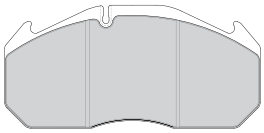
S 210, HD, HDV, S 211 206kW /280PS, S 212 HUE 159kW /216PS, S 213 206kW /280PS, S 214 206kW /280PS, S 215, S 215 (except HDS) 206kW /280PS, S 215 HDH, S 215 UL, SL 177kW / 240PS, S 216 HDS, S 216 HDS 243kW /330PS, S 216 HDS, S 228 DT 276kW /375PS		F	**29 747 32,00 40 8**	8	29 747	FCV594	406 432	140	121	32	Opt			**BCR113A** **BCR114A**
S 215 NR	1991→	F	**29 210 28,00 41 4**	4	29 210	FCV1762BFE	432	250	118	28			UAI108	**BCR114A**
S 300 NC City		F	**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30	over size		UAI108	

All

S 110	→1989	R	**19 019 14,00 60 4**	4	19 019	BC/61/1	420	391	180	14,0		93074		
S 120 E, V	→1989	R	**19 019 14,00 60 4**	4	19 019	BC/61/1	420	391	180	14,0		93074		
S 130 ES	1982→1986	F	**17 742 16,00 00 6**	4	17 742	PB/9/1	410	207	140	►16,0	Opt.	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
		R	**19 712 16,10 00 6**	4	19 712	PB/20/1	410	208	220	►16,1	steel brake shoes →1985	93067		
				4	19 755	PB/21/1	410	211	220	0,16		93067		
			19 712 18,10 00 6	4	19 755	PB/31/1	410	211	220	►18,1	cast iron brake shoes 1986→	93067		
				4	19 712	PB/32/2	410	210	220	►18,0		93067		
			19 699 17,55 00 5	2	19 847	PB/18/1	410	192	220	►17,55	Opt.	93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
S 130 S	→1989	R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		
S 140	1983→	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
S 150	→1989	R	**19 019 14,00 60 4**	4	19 019	BC/61/1	420	391	180	14,0		93074		
S 180	1975→1989	R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Trailing axle	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
SG 180, S 166kW /225PS	1972→1983	F	**17 742 16,00 00 6**	4	17 742	PB/9/1	410	207	140	►16,0	75-83 Opt	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Trailing axle	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
S 200	1974→1989	R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Trailing axle	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
S 210, HD, HDV	1983→	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		
		R	**19 084 17,50 00 5**	2	19 084		410	192	180	►17,5		93067		
				2	19 855	PB/29/1	410	196	180	►17,5		93067		
				4	19 856	PB/30/1	410	192	180	►17,4		93067		
S 211 206kW/280PS		F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
S 211 H	1976→1983	F	**17 742 16,00 00 6**	4	17 742	PB/9/1	410	207	140	►16,0	With air brakes Opt	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067		
				4	19 559	PB/12/1	410	207	180	►16,0		93067		
			19 712 16,10 00 6	4	19 712	PB/20/1	410	208	220	►16,1	3/79→ steel brake shoes	93067		
				4	19 755	PB/21/1	410	211	220	0,16		93067		

BERAL®

29 053 30,00 41 4
4550 MER D3/D-ELSA 1



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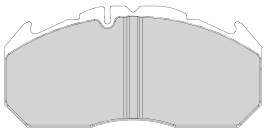
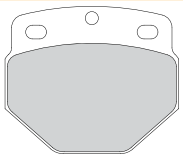
4550 MER D3/D-ELSA 1



29 747 32,00 40 8
1721 KNR K 85

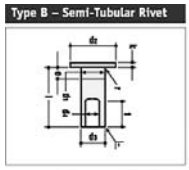


UAI108 ↔ 335mm
2

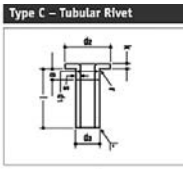
		∅	A	B	C	D		Kg	
BCR113A		406	48.0	38.0	175	194	10xM16	32.7	
BCR114A		432	45.0	35.0	135	194	10xM16	32.5	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93074	18	10x17	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

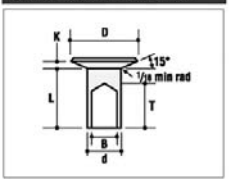
Type B – Semi-Tubular Rivet

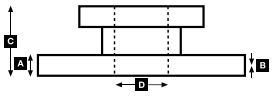


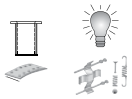
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







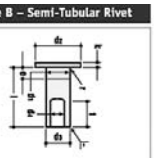
...SETRA

...All

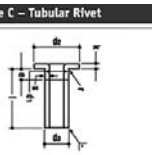
S 212 H, U	1976→1983	F	**17 742 16,00 00 6**	4	17 742	PB/9/1	410	207	140	►16,0	With air brakes Opt	93068	
				4	17 743	PB/10/1	410	210	140	►16,0		93068	
			19 634 15,90 00 6	4	19 634	PB/27/1	410	207	160	►15,9	8/78→	93067	
				4	19 635	PB/28/1	410	207	160	►15,9		93067	
		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067	
				4	19 559	PB/12/1	410	207	180	►16,0		93067	
			19 712 16,10 00 6	4	19 712	PB/20/1	410	208	220	►16,1	3/79→ steel brake shoes	93067	
				4	19 755	PB/21/1	410	211	220	0,16		93067	
S 212 HUE 159kW/216PS	1983→1989	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067	
				4	19 850	PB/17/1	410	192	160	►17,45		93067	
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
S 213 206kW/280PS	1983→	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067	
				4	19 850	PB/17/1	410	192	160	►17,45		93067	
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
S 213 H, HD	1976→1983	F	**17 742 16,00 00 6**	4	17 742	PB/9/1	410	207	140	►16,0	With air brakes Opt	93068	
				4	17 743	PB/10/1	410	210	140	►16,0		93068	
			19 634 15,90 00 6	4	19 634	PB/27/1	410	207	160	►15,9	8/78→	93067	
				4	19 635	PB/28/1	410	207	160	►15,9		93067	
		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067	
				4	19 559	PB/12/1	410	207	180	►16,0		93067	
			19 712 16,10 00 6	4	19 712	PB/20/1	410	208	220	►16,1	3/79→ steel brake shoes	93067	
				4	19 755	PB/210,161	410	211	220	0,16		93067	
S 213 U	1977→	F	**17 742 16,00 00 6**	4	17 742	PB/9/1	410	207	140	►16,0	With air brakes Opt	93068	
				4	17 743	PB/10/1	410	210	140	►16,0		93068	
			19 634 15,90 00 6	4	19 634	PB/27/1	410	207	160	►15,9	8/78→	93067	
				4	19 635	PB/28/1	410	207	160	►15,9		93067	
		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067	
				4	19 559	PB/12/1	410	207	180	►16,0		93067	
			19 712 16,10 00 6	4	19 712	PB/20/1	410	208	220	►16,1	3/79→85 steel brake shoes	93067	
				4	19 755	0,16B/21/1	410	211	220	0,16		93067	
			19 712 18,10 00 6	4	19 712	PB/20/1	410	208	220	►18,1	for cast iron brake shoes 1986→	93067	
				4	19 755	PB/21/1	410	211	220	►18,0		93067	
S 214 206kW/280PS	1983→	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067	
				4	19 850	PB/17/1	410	192	160	►17,45		93067	
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
S 215 (except HDS) 260kW/280PS	1983→1989	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067	
				4	19 850	PB/17/1	410	192	160	►17,45		93067	
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
S 215	1989→	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067	
				4	19 850	PB/17/1	410	192	160	►17,45		93067	
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
S 215 H, HD	1976→1983	F	**17 742 16,00 00 6**	4	17 742	PB/9/1	410	207	140	►16,0	With air brakes Opt	93068	
				4	17 743	PB/10/1	410	210	140	►16,0		93068	
			19 634 15,90 00 6	4	19 634	PB/27/1	410	207	160	►15,9	8/78→	93067	
				4	19 635	PB/28/1	410	207	160	►15,9		93067	
		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067	
				4	19 559	PB/12/1	410	207	180	►16,0		93067	
			19 712 16,10 00 6	4	19 712	PB/20/1	410	208	220	►16,1	3/79→ steel brake shoes	93067	
				4	19 755	PB/21/1	410	211	220	0,16		93067	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

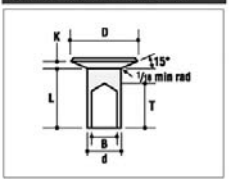
Type B – Semi-Tubular Rivet

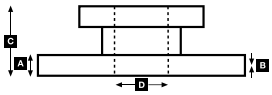


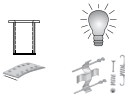
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







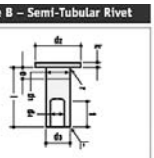
...SETRA

...All

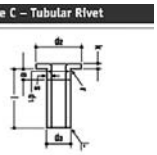
S 215 HDH	1989→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
			19 849 17,55 00 6	4	19 849	PB/16/1	410	192	160	►17,55	Trailing axle -Chass.No. 139 0000 10 20 045	93067	
				4	19 850	PB/17/1	410	192	160	►17,45		93067	
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Ch.139 0000 10 20 046→	93068	
				4	17 743	PB/10/1	410	210	140	►16,0		93068	
S 215 HDS 243kW /330PS	1980→10/83	R	**19 712 16,10 00 6**	4	19 712	PB/20/1	410	208	220	►16,1		93067	
					19 755	PB/21/1	410	211	220	0,16		93067	
			19 634 15,90 00 6	4	19 634	PB/27/1	410	207	160	►15,9	Trailing axle	93067	
				4	19 635	PB/28/1	410	207	160	►15,9		93067	
S 215 NR		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
S 215 U, UL	1977→	F	**17 742 16,00 00 6**	4	17 742	PB/9/1	410	207	140	►16,0	With air brakes Opt	93068	
				4	17 743	PB/10/1	410	210	140	►16,0		93068	
			19 634 15,90 00 6	4	19 634	PB/27/1	410	207	160	►15,9	8/78→	93067	
				4	19 635	PB/28/1	410	207	160	►15,9		93067	
		R	**19 558 16,00 60 6**	4	19 558	PB/11/1	410	210	180	►16,0		93067	
				4	19 559	PB/12/1	410	207	180	►16,0		93067	
			19 712 16,10 00 6	4	19 712	PB/20/1	410	208	220	►16,1	3/79→85 steel brake shoes	93067	
				4	19 755	PB/21/1	410	211	220	0,16		93067	
			19 712 18,10 00 6	4	19 712	PB/20/1	410	208	220	►18,1	for cast iron brake shoes 1986→	93067	
				4	19 755	PB/21/1	410	211	220	►18,0		93067	
S 215 UL, SL 177kW/240PS	1983→1989	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067	
				4	19 850	PB/17/1	410	192	160	►17,45		93067	
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
S 216 HDS 243kW /330PS	1980→08/83	R	**19 712 16,10 00 6**	4	19 712	PB/20/1	410	208	220	►16,1	steel brake shoes	93067	
				4	19 755	PB/21/1	410	211	220	►16,0		93067	
			19 634 15,90 00 6	4	19 634	PB/27/1	410	207	160	►15,9	Trailing axle	93067	
				4	19 635	PB/28/1	410	207	160	►15,9		93067	
S 216 HDS 243kW/330PS	09/83→1989	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
			19 849 17,55 00 6	4	19 849	PB/16/1	410	192	160	►17,55	Trailing axle -Chass.No. 139 0000 10 20 045	93067	
				4	19 850	PB/17/1	410	192	160	►17,45		93067	
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Ch.139 0000 10 20 046→	93068	
				4	17 743	PB/10/1	410	210	140	►16,0		93068	
S 216 HDS	1989→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
			19 849 17,55 00 6	4	19 849	PB/16/1	410	192	160	►17,55	Trailing axle -Chass.No. 139 0000 10 20 045	93067	
				4	19 850	PB/17/1	410	192	160	►17,45		93067	
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Ch.139 0000 10 20 046→	93068	
				4	17 743	PB/10/1	410	210	140	►16,0		93068	
S 216 HDSi	1989→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067	
				2	19 699	PB/18/2	410	192	220	►17,55		93067	
				4	19 848	PB/19/1	410	192	220	►17,45		93067	
			19 849 17,55 00 6	4	19 849	PB/16/1	410	192	160	►17,55	Trailing axle -Chass.No. 139 0000 10 20 045	93067	
				4	19 850	PB/17/1	410	192	160	►17,45		93067	
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Ch.139 0000 10 20 046→	93068	
				4	17 743	PB/10/1	410	210	140	►16,0		93068	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

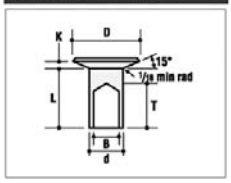
Type B – Semi-Tubular Rivet

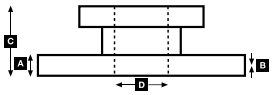


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





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...All

SG 219 SL 177kW /240PS	1984→	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55		93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55	→12/87	93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
			19 712 18,10 00 6	4	19 712	PB/20/1	410	208	220	►18,1	1/88→ cast iron brake shoes	93067		
				4	19 755	PB/21/1	410	211	220	►18,0		93067		
SG 221 UL 177kW /240PS	1984→	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55		93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55	→12/87	93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
			19 712 18,10 00 6	4	19 712	PB/20/1	410	208	220	►18,1	1/88→ cast iron brake shoes	93067		
				4	19 755	PB/21/1	410	211	220	►18,0		93067		
S 228 DT 276kW/375PS	1984→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
			19 849 17,55 00 6	4	19 849	PB/16/1	410	192	160	►17,55	1989→	93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Trailing axle	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
S 300 N	1989→	F	**19 849 17,55 00 6**	4	19 849	PB/16/1	410	192	160	►17,55		93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
S 300 NC City	1991→	R	**19 712 18,10 00 6**	4	19 712	PB/20/1	410	208	220	►18,1	cast iron brake shoes	93067		
				4	19 755	PB/21/1	410	211	220	►18,0		93067		

ComfortClass 300

S 315 GT-HD 250kW /340PS, S 317 GT-HD 280kW /381PS, S 319 GT-HD 280kW /381PS		F	**29 210 28,00 41 4** **29 053 30,00 41 4**	4 4	29 210 29 053	FCV1762BFE FCV1583B	432	250 250	118 118	28 30	 over size		UAI108 UAI108	**BCR114A**

ComfortClass 300

S 315 GT, GT-HD 250kW/340PS	1991→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
S 317 GT-HD 280kW/381PS S 319 GT-HD 280kW/381PS		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Trailing axle	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
			19 849 17,55 00 6	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		

ComfortClass 400

S 415 GT-HD, S 416 GT-HD, S 417 GT-HD 185-310kW	10/03→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30			UAI134	**BCR145A**
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30			UAI134	**BCR145A**

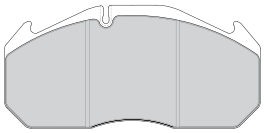
Intercity Bus

Wheel 22.5" Air Brake Knorr SB7..		F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30			UAI134	
Wheel 22.5" Air Brake Knorr SB7..		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30			UAI134	

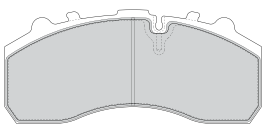
Intercity Low Floor Bus

Wheel = 22,5" Air Brake Knorr SB7...	01/96→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30			UAI134	
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30			UAI134	

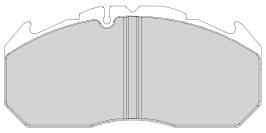
29 053 30,00 41 4
4550 MER D3/D-ELSA 1



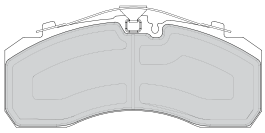
29 179 30,00 41 4
4567 KNR SB/SN7



29 210 28,00 41 4
4550 MER D3/D-ELSA 1

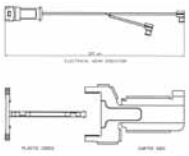


29 253 30,00 41 4
4550 KNR SB/SN7



UAI108
↔ 335mm
2

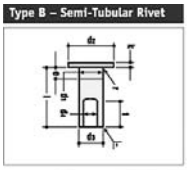
UAI134
↔ 355mm
2



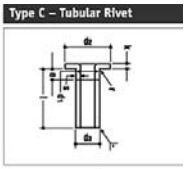
		∅	A	B	C	D		Kg	
BCR114A		432	45.0	35.0	135	194	10xM16	32.5	
BCR145A		430	45.0	37.0	132	211	10xM14	34.2	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

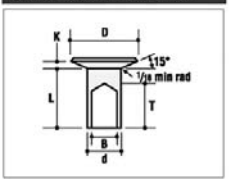
Type B – Semi-Tubular Rivet

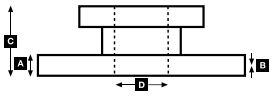


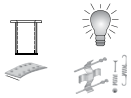
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







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Multiclass 300

S 313 UL 184kW /250PS	01/91→	F	**29 210 28,00 41 4**	4	29 210	FCV1762BFE	432	250	118	28			UAI108	**BCR114A**
S 315 H, UL 213kW /290PS,			**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30	over size		UAI108	
SG 321 UL 184kW /250PS		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	108	30			UAI134	
S 315 NF 184kW /250PS, S 319 UL 184kW /250PS														
S 319 NF 184kW /250PS														

MultiClass 300

S 313 UL 184kW/250PS	1991→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
S 315 H, UL 213kW/290PS				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
S 319 UL 184kW/250PS	1991→	R	**19 712 18,10 00 6**	4	19 712	PB/20/1	410	208	220	►18,1	cast iron brake shoes	93067		
				4	19 755	PB/21/1	410	211	220	►18,0		93067		
SG 321 UL 184kW250PS		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Trailing axle	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
			19 849 17,55 00 6	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		

TopClass 300

S 309 HD 213kW /290PS,	01/91→	F	**29 210 28,00 41 4**	4	29 210	FCV1762BFE	432	250	118	28			UAI108	**BCR114A**
S 312 HD 250kW /340PS,			**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30	over size		UAI108	
S 315 HDH-3 280kW /381PS,														
S 317 HDH-3 280kW /381PS														
S 328 DT	01/94→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	108	30			UAI134	

TopClass 300

S 309 HD 213@Kw/290PS	1991→	R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
S 312 HD 250kW340PS				2	19 699	PB/18/2	410	192	220	►17,55		93067		
S 315 HD 250kW /340PS				4	19 848	PB/19/1	410	192	220	►17,45		93067		
S 315 HDH 250kW /340PS														
S 316 HDS 280kW /381PS														
S 315 HDH-3 280kW/381PS		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
S 317 HDH-3 280kW/381PS				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Trailing axle	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
			19 849 17,55 00 6	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		
S 328 DT	1994→	R	**19 712 18,10 00 6**	4	19 712	PB/20/1	410	208	220	►18,1	cast iron brake shoes	93067		
				4	19 755	PB/21/1	410	211	220	►18,0		93067		
			17 742 16,00 00 6	4	17 742	PB/9/1	410	207	140	►16,0	Trailing axle	93068		
				4	17 743	PB/10/1	410	210	140	►16,0		93068		
			19 849 17,55 00 6	4	19 849	PB/16/1	410	192	160	►17,55	Opt.	93067		
				4	19 850	PB/17/1	410	192	160	►17,45		93067		

TopClass 400

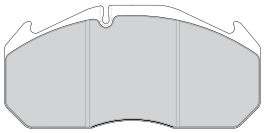
S 411 HD, S 415 HD, S 415 HDH,	2001→	F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30			UAI134	**BCR145A**
S 416 HDH, S 417 HDH, S 431 DT 260-320kW		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS	430	248	108	30			UAI134	**BCR145A**

SOLARIS

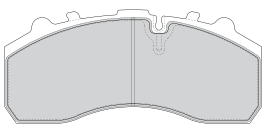
City Bus

Articulated	01/99→	F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				**BCR168A**
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE	430	248	109	30				**BCR168A**
			29 179 30,00 41 4	4	29 179	FCV1598BFE	430	248	109	30	R2 axle			**BCR168A**

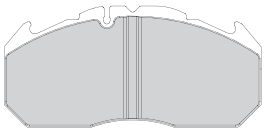
29 053 30,00 41 4
4550 MER D3/D-ELSA 1



29 179 30,00 41 4
4567 KNR SB/SN7



29 210 28,00 41 4
4550 MER D3/D-ELSA 1



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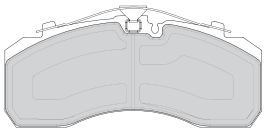
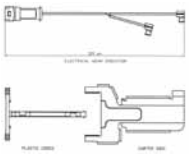
4550 KNR SB/SN7



UAI108 ↔ 335mm
2

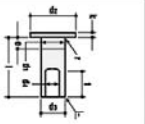
UAI134 ↔ 355mm
2



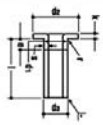
		∅	A	B	C	D		Kg	
BCR114A		432	45.0	35.0	135	194	10xM16	32.5	
BCR145A		430	45.0	37.0	132	211	10xM14	34.2	
BCR168A		430	45.0	37.0	131	203	10xM16	34.4	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

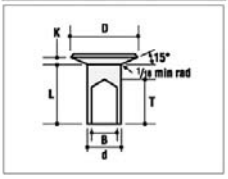
Type B – Semi-Tubular Rivet

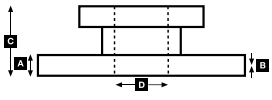


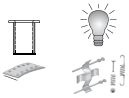
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







SOR

SOR 10.5

Engine: Iveco F4 AE 0682C Euro3 Tector	2000→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30				**BCR147A**
	2001→	R	**29 137 29,00 41 4**	4	29 137	FCV1387B	375	210	102	29				**FCR278A**

SOR 10.5

	1999→	R	**19 928 19,70 00 8***	8	19 928	RW/26/1	360	167	170	►19,7	*use/verwenden K19928.0-3537	93683		

SOR 12

		F	**29 159 30,00 40 4**	4	29 159	FCV1964	377	211	93	30	UAC166/UAC170(FORKS)		UAI168 UAC166	**BCR147A**
		R	**29 159 30,00 40 4**	4	29 159	FCV1964	375	211	93	30	UAC166/UAC170(FORKS)		UAI168 UAC166	

SOR 7.5

All		F	**17 290 13,40 00 6**	4	17 290	MB/98/2	360	172	130	►13,4		93058		
				4	17 950	MB/99/1	360	130	130	►13,5		93058		
		R	**17 290 13,40 00 6**	4	17 290	MB/98/2	360	172	130	►13,4		93058		
				4	17 950	MB/99/1	360	130	130	►13,5		93058		

SOR 9.5

Engine: Iveco F4 AE 0862C Euro3 Tector	2000→	F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	377	211	93	30				**BCR147A**
	2001→	R	**29 137 29,00 41 4**	4	29 137	FCV1387B	375	210	102	29				**FCR278A**

SOR 9.5

All	1996→2001	F	**17 290 13,40 00 6**	4	17 290	MB/98/2	360	172	130	►13,4		93058		
				4	17 950	MB/99/1	360	130	130	►13,5		93058		
		R	**19 928 19,70 00 8***	8	19 928	RW/26/1	360	167	170	►19,7	*use/verwenden K19928.0-3537	93683		

STEYR

692-12T (4x2), (4x4), 792NIG (4x2)

	1986→	R	**17 092 10,00 60 3**	2	17 092	SY/8/1	405	430	120	10,0		93060		
				2	17 093	SY/9/1	405	324	120	10,0		93060		

K252.23, K550.25, KH525.23, S575.25, SH550.25, G550.25

	1980→	R	**19 245 15,00 60 6**	4	19 245	SY/23/1	420	186	160	15,0		93067		
				4	19 782	SY/31/1	420	136	160	15,0		93067		
		R	**19 246 15,00 00 8**	8	19 246	SY/24/1	420	186	185	15,0		93067		

SC6 F72 Citybus

All	1987→	R	**15 030 08,00 60 3**	2	15 742	MB/80/2	270	211	79	8,0		93038		
				2	15 030	MB/81/3	270	244	79	8,0		93038		

SL11, SS11, SG18

		F	**19 245 15,00 60 6**	4	19 245	SY/23/1	420	186	160	15,0		93067		
				4	19 782	SY/31/1	420	136	160	15,0		93067		
		R	**19 246 15,00 00 8**	8	19 246	SY/24/1	420	186	185	15,0		93067		

VAN HOOL

All

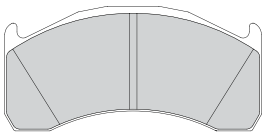
A 300 Urbain, A 420, A 440, A 500 Urbain, EOS-Model 80 - 223kW		F	**29 747 32,00 40 8**	8	29 747	FCV594	410	140	121	32				**BCR155A**
A 320		F	**29 090 28,00 41 4**	4	29 090	FCV1813B		250	114	28				
			29 253 30,00 41 4	4	29 253	FCV4296PTS		248	109	30				
Buses with Knorr SB/SN7…		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	109	30				
EOS 90, 100, 200, 230 T815, T915, T916, T917 - with Meritor D3/D-Elsa 1		F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE	410	211	93	30				**BCR155A**
			29 210 28,00 41 4	4	29 210	FCV1578BFE		250	118	28				

All

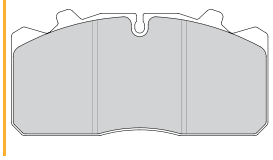
420 x 200mm BPW-axle		R	**19 094 17,80 00 8**	8	19 094	BC/97/1	420	202	200	►17,8		93251		
300		F	**17 481 12,00 60 4**	4	17 481	FI/86/1	420	421	125	12,0		93058		
308		F	**17 481 12,00 60 4**	4	17 481	FI/86/1	420	421	125	12,0		93058		
309	09/79→	F	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
		R	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
314 N3		R	**17 481 12,00 60 4**	4	17 481	FI/86/1	420	421	125	12,0	Opt.	93058		
320 16S CV		R	**17 481 12,00 60 4**	4	17 481	FI/86/1	420	421	125	12,0	Opt.	93058		

29 090 28,00 41 4
4567 MER D-LISA

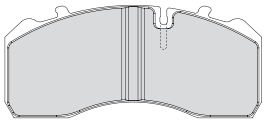
29 137 29,00 41 4
4562 MER C- DUCO



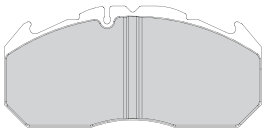
29 159 30,00 40 4
4568 WAB PAN 19-1



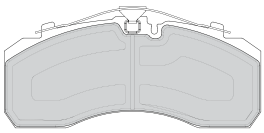
29 197 30,00 41 4
4550 KNR SB/SN6



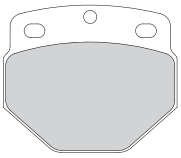
29 210 28,00 41 4
4568 MER D3/D-ELSA 1



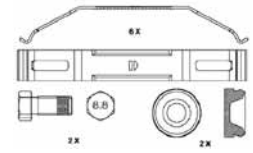
29 253 30,00 41 4
4550 KNR SB/SN7



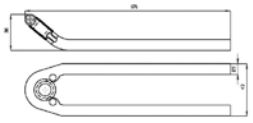
29 747 32,00 40 8
1721 KNR K 85



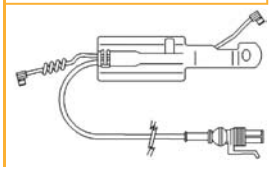
UAC166



UAC170



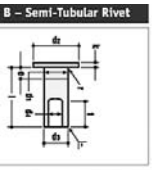
UAI168 380mm
2



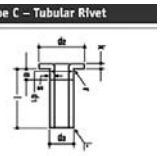
		∅	A	B	C	D		Kg	
BCR147A		377	45.0	38.0	128	162	10xM14	23.0	
BCR155A		410	48.0	40.0	120	162	12xM16	29.1	
FCR278A		375	45.0	37.0	150	225	8x20 2xM10	37.7	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

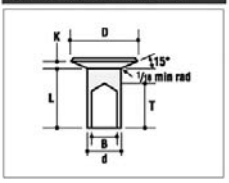
Type B – Semi-Tubular Rivet

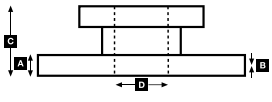


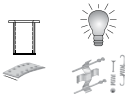
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







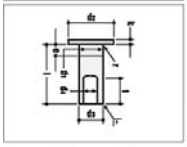
...VAN HOOL

...All

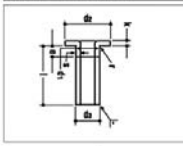
340 special Type/version speciale	1968→	F	**17 481 12,00 60 4**	4	17 481	FI/86/1	420	421	125	12,0		93058		
409		R	**17 481 12,00 60 4**	4	17 481	FI/86/1	420	421	125	12,0	Opt.	93058		
A 300 Urbain		F	**19 946 18,20 00 6**	4	19 946	PB/36/1	410	192	180	►18,2	Opt.	93067		
				4	19 947	PB/37/1	410	193	180	►18,7		93067		
			19 084 17,50 00 5	2	19 084		410	192	180	►17,5	Opt.	93067		
				2	19 855	PB/29/1	410	192	180	►17,5		93067		
				4	19 856	PB/30/1	410	192	180	►17,4		93067		
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
			19 712 16,10 00 6	4	19 712	PB/20/1	410	208	220	►16,1	→1985 steel brake shoes	93067	0,16	
				4	19 755	PB/21/1	410	211	220	►0,16		93067		
			19 712 18,10 00 6	4	19 755	PB/31/1	410	211	220	►18,0	1986→ cast iron brakes	93067		
				4	19 712	PB/32/2	410	210	220	►18,1		93067		
A 420		F	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9	opt.	93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		
A 440		F	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9	Opt.	93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		
A 500 Urbain		F	**19 946 18,20 00 6**	4	19 946	PB/36/1	410	192	180	►18,2		93067		
				4	19 947	PB/37/1	410	193	180	►18,7		93067		
		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
			19 712 16,10 00 6	4	19 712	PB/20/1	410	208	220	►16,1	→1985 steel brake shoes	93067		
				4	19 755		410	211	220	►16,0		93067		
			19 712 18,10 00 6	4	19 755	PB/31/1	410	211	220	►18,0	1986→ cast iron brake shoes	93067		
				4	19 712	PB/32/2	410	210	220	►18,1		93067		
A 600 Urbain		F	**19 946 18,20 00 6**	4	19 946	PB/36/1	410	192	180	►18,2		93067		
				4	19 947	PB/37/1	410	193	180	►18,2		93067		
		R	**19 617 18,50 60 6**	4	19 618	DF/30/1	419	219	203	►18,5		93686		
				4	19 617	DF/31/1	419	210	203	►18,5		93686		
A 662		F	**17 481 12,00 60 4**	4	17 481	FI/86/1	420	421	125	12,0		93058		
		R	**17 481 12,00 60 4**	4	17 481	FI/86/1	420	421	125	12,0		93058		
Acron		F	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0	Opt.	93683		
			19 946 18,20 00 6	4	19 946	PB/36/1	410	192	180	►18,2		93067		
				4	19 947	PB/37/1	410	193	180	►18,2		93067		
		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0	Opt.	93683		
			19 114 19,40 00 6*	4	19 114	PB/38/1	410	196	220	►19,4	* use/verwenden B2740167	93067		
				4	19 115	PB/39/1	410	196	220	►19,4		93067		
Altano		F	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0	Opt.	93683		
			19 786 18,90 00 5	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
			19 946 18,20 00 6	4	19 946	PB/36/1	410	192	180	►18,2	Opt.	93067		
				4	19 947	PB/37/1	410	193	180	►18,2		93067		
		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0	Opt.	93683		
			19 114 19,40 00 6*	4	19 114	PB/38/1	410	196	220	►19,4	* use/verwenden B2740167	93067		
				4	19 115	PB/39/1	410	196	220	►19,4		93067		
Astromega		F	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
		R	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
EOS Model 80-223		R	**19 699 17,55 00 5**	2	19 847	PB/18/1	410	192	220	►17,55		93067		
				2	19 699	PB/18/2	410	192	220	►17,55		93067		
				4	19 848	PB/19/1	410	192	220	►17,45		93067		
			19 712 16,10 00 6	4	19 712	PB/20/1	410	208	220	►16,1	→1985 steel brake shoes	93067		
				4	19 755	PB/21/1	410	211	220	0,16		93067		
			19 712 18,10 00 6	4	19 755	PB/31/1	410	211	220	►18,0	1986→ cast iron brake shoes	93067		
				4	19 712	PB/32/2	410	210	220	►18,1		93067		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

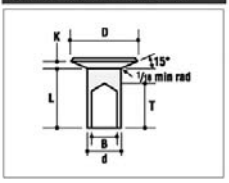
Type B – Semi-Tubular Rivet

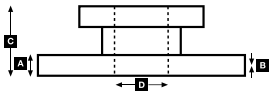


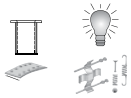
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...VAN HOOL

...All

G 280.2 Urbain		F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R1	**19 786 18,90 00 5**	6	19 786	PB/34/1	410	202	200	►18,9		93068		
				2	19 823	PB/34/2	410	202	200	►18,9		93068		
		R2	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
G 280.3 Urbain		F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R1	**19 712 16,10 00 6**	4	19 712	PB/20/1	410	208	220	►16,1	→1985 steel brake shoes	93067		
				4	19 755	PB/21/1	410	211	220	0,16		93067		
		R1	**19 712 18,10 00 6**	4	19 755	PB/31/1	410	211	220	►18,0	1986→ cast iron brake shoes	93067		
				4	19 712	PB/32/2	410	210	220	►18,1		93067		
		R2	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
G 280.4 Urbain		F	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
		R1	**19 712 16,10 00 6**	4	19 712	PB/20/1	410	208	220	►16,1	→1985 steel brake shoes	93067		
				4	19 755	PB/21/1	410	211	220	0,16		93067		
		R1	**19 712 18,10 00 6**	4	19 755	PB/31/1	410	211	220	►18,0	1986→ cast iron brake shoes	93067		
				4	19 712	PB/32/2	410	210	220	►18,1		93067		
		R2	**19 494 17,00 00 8**	8	19 494	MP/31/2	410	175	163	►17,0		93059	UAI202	
T 809 Alizee		F	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0	Opt.	93683		
			19 946 18,20 00 6	4	19 946	PB/36/1	410	192	180	►18,2		93067		
				4	19 947	PB/37/1	410	193	180	►18,2		93067		
		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0	Opt.	93683		
			19 114 19,40 00 6*	4	19 114	PB/38/1	410	196	220	►19,4	* use/verwenden B2740167	93067		
				4	19 115	PB/39/1	410	196	220	►19,4		93067		
T 811, T 812, T 813		F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt (MAN)	93059	UAI202	
		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0	Opt (MAN)	93683		
T 814, T 815	1980→	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		F	**19 495 17,00 00 8**	8	19 495	MP/32/2	410	177	183	►17,0	Opt (MAN)	93059	UAI202	
		R	**19 896 18,00 00 8**	8	19 896	AX/14/6	419	196	178	18,0	Opt (MAN)	93683		

A-Series:

A 308 A 508	1980→	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15		93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		

VOLVO

B-Series:

B7BLE, B10BLE, B10M, B10TLE, B12B, B12M (incl 6x2) B7R, B7RLE	01/95→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR192A**

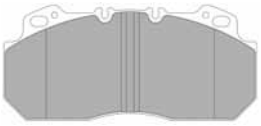
B-Series

B 7BLE, B10BLE, B10M, B10TLE, B12B	1995→	R	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	Opt (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
			19 068 18,30 00 8	8	19 068	VL/89/2	410	176	225	►18,3	Opt (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		

B 10-Series:

B 10 L Meritor D Lisa	01/95→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR192A**

29 090 28,00 41 4
4567 MER D-LISA



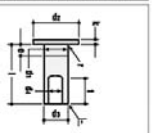
UAI116 ↔ 226mm
2

UAI202 ↔ 195mm
4

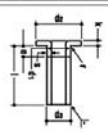
	∅	A	B	C	D		Kg	
BCR192A	438	45.0	38.0	127	195	10xM16	35.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

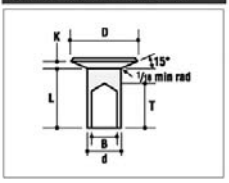
Type B – Semi-Tubular Rivet

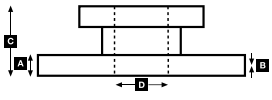


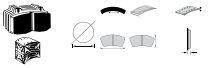
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...VOLVO

B 10-Series:

B 10 B	1992→	F	**19 562 19,00 00 6**	4	19 562	VL/76/2	394	190	203	►19,0	S Cam-Brake	93685		
				4	19 563	VL/77/1	394	146	203	►19,0		93685		
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R	**19 799 19,00 60 6**	4	19 800	VL/81/2	394	190	254	►19,0	S Cam-Brake	93685		
				4	19 799	VL/82/1	394	146	254	►19,0		93685		
			19 068 18,30 00 8	8	19 068	VL/89/2	410	176	225	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
B 10 H	1979→	F	**19 562 19,00 00 6**	4	19 562	VL/76/2	394	190	203	►19,0		93685		
B 10 M				4	19 563	VL/77/1	394	146	203	►19,0		93685		
B 10 M DL	1993→	R	**19 799 19,00 60 6**	4	19 800	VL/81/2	394	190	254	►19,0		93685		
B 10 M GLE				4	19 799	VL/82/1	394	146	254	►19,0		93685		
B 10 M SE, GL	1996→													
B 10 MD	1979→													
B 10 MT	1993→													
B 10 R	1979→													
B 10 L	01/95→	R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		

B 12-Series:

B 12 262-309kW	01/92→08/08	F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR192A**
B 12	09/08→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				
		R	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				

B 12-Series:

B 12	1986→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
B 12 L	1995→	R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		

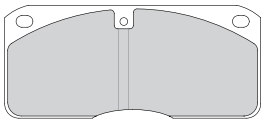
B 6-Series:

B 6, FA	01/83→	F	**29 039 22,00 40 4**	4	29 039	FCV702	322	177	78	22			UAI104	**BCR131A**

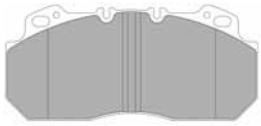
B 6-Series:

B 6, FA	1983→	F	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15	83-85	93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
			19 269 09,30 60 3*	2	19 272	GG/207/1	360	353	170	►12,8	86-88 / * use/verwenden B2345927	93683		
				2	19 269	GG/208/1	360	270	170	9,3		93683		
			19 543 14,80 60 5	4	19 543	GG/214/1	360	174	170	►14,8	89-94	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
			19 758 14,80 60 6	4	19 758	GG/235/1	360	174	170	►14,8	1995→	93683		
				4	19 759	GG/236/1	360	174	170	►9,7		93683		
		R	**19 384 18,15 60 5**	6	19 384	CW/4/1	381	188	178	►18,15	83-85	93684		
				2	19 385	CW/4/2	381	188	178	►18,15		93684		
			19 269 09,30 60 3*	2	19 272	GG/207/1	360	353	170	►12,8	86-88 / * use/verwenden B2345927	93683		
				2	19 269	GG/208/1	360	270	170	9,3		93683		
			19 543 14,80 60 5	4	19 543	GG/214/1	360	174	170	►14,8	89-94	93683		
				2	19 552	GG/215/1	360	269	170	►8,4		93683		
			19 758 14,80 60 6	4	19 758	GG/235/1	360	174	170	►14,8	1995→	93683		
				4	19 759	GG/236/1	360	174	170	►9,7		93683		

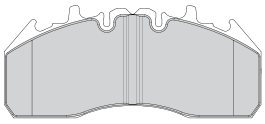
29 039 22,00 40 4
3422 MER 2x68



29 090 28,00 41 4
4567 MER D-LISA



29 218 29,00 41 4
4567 MER Elsa225-3 (ex-PNG)



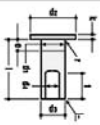
UAI104 ↔ 235mm
2

UAI116 ↔ 226mm
2

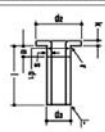
		∅	A	B	C	D		Kg	
BCR131A		322	30.0	28.0	90	132	8xM14	13.6	
BCR192A		438	45.0	38.0	127	195	10xM16	35.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

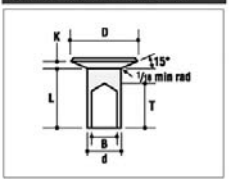
Type B – Semi-Tubular Rivet

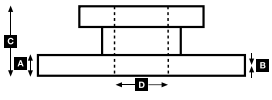


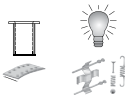
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







WVA !

...VOLVO

B 7-Series:

B 7 155kW /211PS	1987→	F	**19 071 18,30 00 8**	8	19 071	VL/88/2	410	176	200	►18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		F	**19 941 18,30 60 8**	8	19 941	VL/86/1	410	176	150	►18,3	Opt. (96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683/ 93685		
			19 562 19,00 00 6	4	19 563	VL/77/1	394	146	203	►19,0	Ch.30000→	93685		
				4	19 562	VL/76/2	394	190	203	►19,0		93685		
		R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
			19 090 18,30 00 8	8	19 090	VL/87/2	410	176	175	►18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
			19 799 19,00 60 6	4	19 800	VL/81/2	394	190	254	►19,0	Ch.30000→	93685		
				4	19 799	VL/82/1	394	146	254	►19,0		93685		

B 9-Series:

B 9 M 180kW /245PS	1983→	F	**19 560 19,00 00 6**	4	19 560	VL/74/1	414	197	152	►19,0	→1996	93685		
				4	19 561	VL/75/1	414	159	152	►19,0		93685		
			19 562 19,00 00 6	4	19 562	VL/76/2	394	190	203	►19,0	1996→	93685		
				4	19 563	VL/77/1	394	146	203	►19,0		93685		
		R	**19 562 19,00 00 6**	4	19 562	VL/76/2	394	190	203	►19,0	→1996	93685		
				4	19 563	VL/77/1	394	146	203	►19,0		93685		
			19 799 19,00 60 6	4	19 800	VL/81/2	394	190	254	►19,0	1996→	93685		
				4	19 799	VL/82/1	394	146	254	►19,0		93685		

B12M (Incl 6x2)

	1995→	R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		

B7000-Series:

B7000	09/08→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				
		R	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				

B8000-Series:

B8000	09/08→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				
		R	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				

B9000-Series:

B9000	09/08→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				
		R	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				

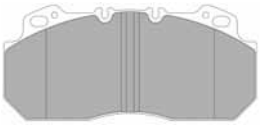
Citybus

B7L, B10BLE (S/D), B7L, B7LA, B10L, B10LA (S/D), B7TL, B9TL, B10TL (D/D &6x2)		F	**29 090 28,00 41 4**	4	29 090	FCV1813B	438	250	114	28			UAI116	**BCR192A**

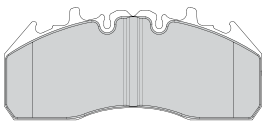
Citybus

B7TL, B9TL, B10TL (D/D & 6x2); B7L, B10BLE (S/D)		R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
B7L, B10BLE (S/D)		R	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Opt (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
			19 071 18,30 00 8	8	19 071	VL/88/2	410	176	200	►18,3	Opt (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		

29 090 28,00 41 4
4567 MER D-LISA



29 218 29,00 41 4
4567 MER Elsa225-3 (ex-PNG)

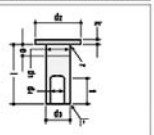


UAI116 ↔ 226mm
2

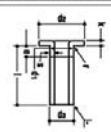
		∅	A	B	C	D		Kg	
BCR192A		438	45.0	38.0	127	195	10xM16	35.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

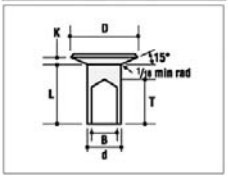
Type B – Semi-Tubular Rivet

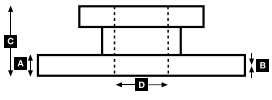


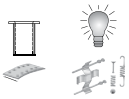
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







...VOLVO

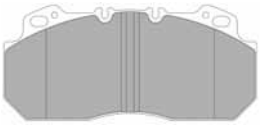
Olympian Series

Olympian	1988→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R1	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R2	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
Olympian MK2	1993→	F	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
		R	**19 068 18,30 00 8**	8	19 068	VL/89/2	410	176	225	►18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		
			19 783 14,60 60 6	4	19 783	MQ/3/2	311	148	178	►14,6	Opt.	93684		
				4	19 784	MQ/4/2	311	146	178	►14,3		93684		
		R	**19 090 18,30 00 8**	8	19 090	VL/87/2	410	176	175	►18,3	Auxiliary axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683/ 93685		

TX (8000.9000)

	01/00→	F	**29 125 29,00 41 4**	4	29 125	FCV1962B		250	111	29				
			29 090 28,00 41 4	4	29 090	FCV1813B	438	250	114	28	D-Lisa Opt		UAI116	**BCR192A**
		R	**29 125 29,00 41 4**	4	29 125	FCV1962B		250	111	29				

29 090 28,00 41 4
4567 MER D-LISA



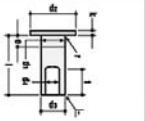
29 125 29,00 41 4
4567 MER D-DUCO

UAI116 ↔ 226mm
2

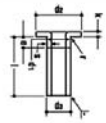
		Ø	A	B	C	D		Kg	
BCR192A		438	45.0	38.0	127	195	10xM16	35.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

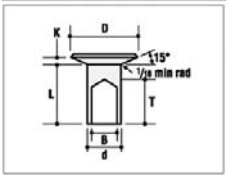
Type B – Semi-Tubular Rivet

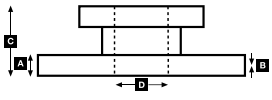


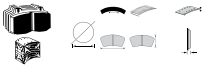
Type C – Tubular Rivet



Type A – Semi Tubular Rivets







HALDEX

DB19

			29 207 30,00 41 4	4	29 207	FCV1815BFE		210	92	30	GIGANT Application		UAI175	

DB22LT

			29 195 30 00 41 4	4	29 195	FCV1814BFE		210	93.8	30	GIGANT Application			

MK II, MKIII

DB22 disc brake versions for 22, 5" wheel			**29 120 30,00 41 4**	4	29 120	FCV1901B		248	105	30	without bump			

MKIV, ModulX

DB22 disc brake versions for 22, 5" wheel			**29 143 30,00 41 4**	4	29 143	FCV1367B		248	105	30	with bump		UAI171/UAI172	

KNORR-BREMSE

All

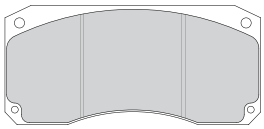
K65 Coach applications		F	**29 688 25,00 40 8***	8	29 688	FCV961		110	99	25	* use/verwenden FCV961			
K85 Coach applications			**29 747 32,00 40 8**	8	29 747	FCV594		140	121	32				
SB/SN5000 Truck/Trailer applications 17.5" wheels		F	**29 183 27,00 41 3**	4	29 183	FCV1277BFE		185	84	27/34				
		R	**29 183 27,00 41 3**	4	29 183	FCV1277BFE		185	84	27/34				
SB/SN6000 Trailer applications 19.5" wheels	→04/03	R	**29 197 30,00 41 4**	4	29 197	FCV1329BFE		211	93	30				
	05/03→		**29 197 30,00 41 4**	4	29 197	FCV1329BFE		211	93	30	All trailer applications besides BPW			
			29 165 30,00 41 4	4	29 165	FCV1678B		211	93	30	Only BPW Axle SB3745T		UAI171/UAI172	
SB/SN6000 Truck applications 19.5" wheels		F	**29 197 30,00 41 4**	4	29 197	FCV1275BFE		211	93	30				
		R	**29 197 30,00 41 4**	4	29 197	FCV1275BFE		211	93	30				
SB/SN6000 MAN Truck applications 19.5" wheels		F	**29 197 30,00 41 4**	4	29 197	FCV1792BFE		211	93	30				
SB/SN7000 Trailer applications 22.5" wheels	→04/03	R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	108	30				
	05/03→		**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	108	30	All trailer applications besides BPW			
			29 167 30,00 41 4	4	29 167	FCV1677B		248	108	30	Only BPW Axle SB4345T		UAI171/UAI172	
SB/SN7000 Truck/Coach applications 22.5" wheels		F	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	108	30				
		R	**29 253 30,00 41 4**	4	29 253	FCV4296PTS		248	108	30				
SB/SN7000 DAF		F	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	HD option 29 179 30,00 41 4			
		R	**29 253 30,00 41 4**	4	29 253	FCV4345PTS	432	248	109	30	HD option 29 179 30,00 41 4			
SB/SN7000 Scania		F	**29 179 30,00 41 4**	4	29 179	FCV1373DFE		248	109	30				
		R	**29 179 30,00 41 4**	4	29 179	FCV1373DFE		248	109	30				
SB/SN7000 Urban Bus applications only 22.5" wheels		F	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
		R	**29 179 30,00 41 4**	4	29 179	FCV1598BFE		248	109	30				
SB/SN7000 Bova		F	**29 179 30,00 42 4**	4	29 179	FCV4374BFE		248	109	30	wear indicator UAI130 included in the pad set			
		R	**29 179 30,00 42 4**	4	29 179	FCV4374BFE		248	109	30	wear indicator UAI130 included in the pad set			
SB7600 Iveco Truck applications 22.5" wheels		F	**29 196 30,00 40 4**	4	29 196	FCV1914FE	436	248	108	30				
		R	**29 196 30,00 40 4**	4	29 196	FCV1914FE	436	248	108	30				
		F	**29 196 30,00 41 4**	4	29 196			248	108	30	incl. accessory kit			
		R	**29 196 30,00 41 4**	4	29 196			248	108	30	incl. accessory kit			
SK7 Trailer applications		R	**29 158 30,00 41 4**	4	29 158	FCV1657B		210.8	108	30	For SAF only			
	05/03→		**29 171 30,00 41 4**	4	29 171	FCV1825B		210.8	108	30	BPW Axle SB4309T			

MERITOR

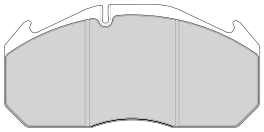
All

C-Duco Volvo Applications	2000→	R	**29 137 29,00 41 4**	4	29 137	FCV1387B		210	102	29				
D Lisa Bus Applications	1991→	F	**29 090 28,00 41 4**	4	29 090	FCV1813B		250	114	28			UAI116	
D2	07/87→	F	**29 043 24,00 40 4**	4	29 043	FCV769		204	97	24			UAI109/UAI111	
D Duco	2000→	F	**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29				
		R	**29 125 29,00 41 4**	4	29 125	FCV1388B		250	111	29				
D Lisa Applications	1991→	F	**29 090 28,00 41 4**	4	29 090	FCV1047B		250	114	28			UAI116	
D3/ D-Elsa 1 MAN applications	01/89→	F	**29 210 28,00 41 4**	4	29 210	FCV1578BFE		250	118	28	Man bus max 100km/h speed		UAI161/UAI162	
		R	**29 210 28,00 41 4**	4	29 210	FCV1578BFE		250	118	28	Man bus max 100km/h speed		UAI161/UAI162	
D3/ D-Elsa 1 oversize 30mm MAN		F	**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30				
		R	**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30				
D3/ D-Elsa 1 RVI applications	04/90→	F	**29 210 28,00 41 4**	4	29 210	FCV1585BFE		250	118	28			UAI101→12/95 UAI117 01/96→	

29 043 24,00 40 4
1720 MER D2



29 053 30,00 41 4
4567, 4568 MER D3/D-ELSA 1



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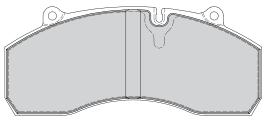
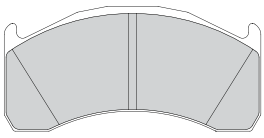
4572 MER D-LISA

29 120 30,00 41 4
4550 HAL DB22



29 125 29,00 41 4
4562 MER D-DUCO

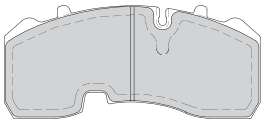
29 137 29,00 41 4
4562 MER C- DUCO



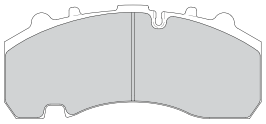
29 143 30,00 41 4
4550 HAL DB22

29 158 30,00 41 4
4550 KNR SK7

29 165 30,00 41 4
4575 KNR SB3745T (SB6)



29 167 30,00 41 4
4575 KNR SB4345T (SB7)



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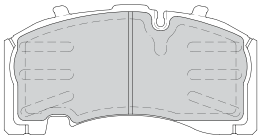
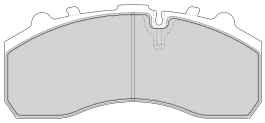
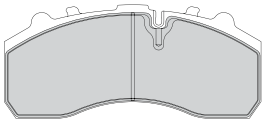
4575 KNR SB4309T (SK7)



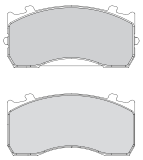
29 179 30,00 41 4
4567, 4576, 7083 KNR SB/SN7



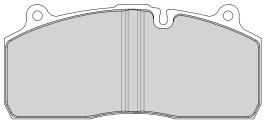
29 179 30,00 42 4
4550 KNR SB/SN7



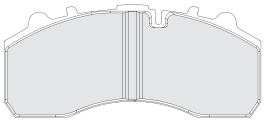
29 183 27,00 41 3
4550 KNR SB/SN5



29 195 30 00 41 4
4581 HALDEX DB22LT

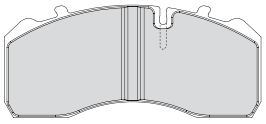


29 196 30,00 40 4
4550 KNR SB7600

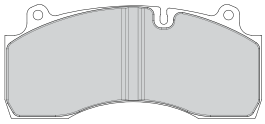


29 196 30,00 41 4
4550 KNR SB7600

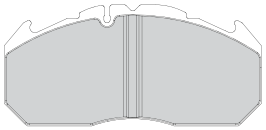
29 197 30,00 41 4
4550, 4568, 4569 KNR SB/SN6



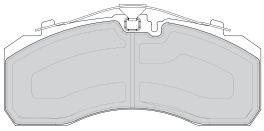
29 207 30,00 41 4
4581 HAL DB19



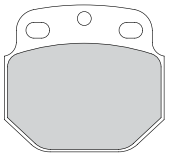
29 210 28,00 41 4
4567, 4568, 4572 MER D3/D-ELSA 1



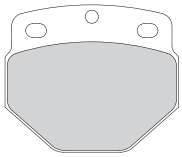
29 253 30,00 41 4
4550, 4567, 4569 KNR SB/SN7



29 688 25,00 40 8*
1721 KNR K 65

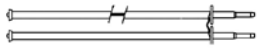


29 747 32,00 40 8
1721 KNR K 85



UAI101 ↔ 365mm
2

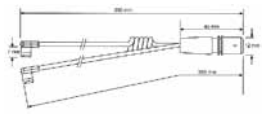
UAI109 ↔ 420mm
2



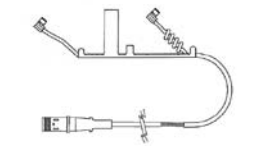
UAI111 ↔ 580mm
2

UAI116 ↔ 226mm
2

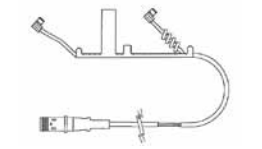
UAI117 ↔ 400mm
2



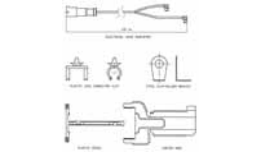
UAI161 ↔ 385mm
2



UAI162 ↔ 400mm
2

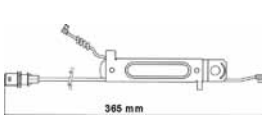


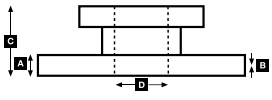
UAI171 ↔ 430mm
2

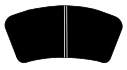


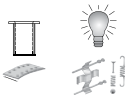
UAI172 ↔ 940mm
2

UAI175 ↔ 365mm
2









...MERITOR

...All

D3/ D-Elsa 1 Mercedes applications	09/91→	F	**29 083 28,00 41 4**	4	29 083	FCV760B		250	118	28			UAI107 FAC102	
			29 083 28,00 42 4	4	29 083			250	118	28	incl. heatshields		UAI107	
		R	**29 083 28,00 41 4**	4	29 083	FCV760B		250	118	28			FAC102	
			29 083 28,00 42 4	4	29 083			250	118	28	incl. heatshields			
D3/D-Elsa 1 oversize 30mm Mercedes		F	**29 084 30,00 41 4**	4	29 084	FCV1086B		250	118	30				
		R	**29 084 30,00 41 4**	4	29 084	FCV1086B		250	118	30				
D3/ D-Elsa 1 oversize 30mm Bus only	1992→	F	**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30				
		R	**29 053 30,00 41 4**	4	29 053	FCV1583B		250	118	30				
D3/ D-Elsa 1 Urban Bus only		F	**29 210 28,00 41 4**	4	29 210	FCV1579BFE		250	118	28	Man bus max 80km/h speed		UAI161/UAI162	
		R	**29 210 28,00 41 4**	4	29 210	FCV1579BFE		250	118	28	Man bus max 80km/h speed		UAI161/UAI162	
D-Elsa 2 Urban bus only	2002→	F	**29 156 30,00 41 4**	4	29 156	FCV1656BFE		250	118	30			UAI164	
		R	**29 156 30,00 41 4**	4	29 156	FCV1656BFE		250	118	30				
D-Elsa 2 R.Trucks applications	08/00→		**29 156 30,00 41 4**	4	29 156	FCV1653BFE		250	118	30			UAI163	
D-Elsa 2 MAN/ERF applications	03/00→	F	**29 156 30,00 41 4**	4	29 156	FCV1404BFE		250	118	30			UAI164	
		R	**29 156 30,00 41 4**	4	29 156	FCV1404BFE		250	118	30				
DX 225 Bus Applications	1998→	F	**29 150 30,00 41 4**	4	29 150	FCV1821B		249	117.5	30				
DX 195	1998→	R	**29 155 27,00 41 4**	4	29 155	FCV1857BFE	378							
DX 225 Bus Applications	1998→	F	**29 150 30,00 41 4**	4	29 150	FCV1821B		249	117.5	30			UAI170	
		R	**29 150 30,00 41 4**	4	29 150	FCV1821B		249	117.5	30			UAI170	
DX 225 Special vehicles		F	**29 180 29,00 41 4**	4	29 180	FCV4352B		235.5	109	29			UAI180	
		R	**29 180 29,00 41 4**	4	29 180	FCV4352B		235.5	109	29			UAI180	
Elsa 195 ROR Applications	2003→	R	**29 169 30,00 41 4**	4	29 169	FCV1624B		211	100	30				
Elsa 225-1 Renault Truck Midlum/Volvo Trucks Applications	05/06→	F	**29 203 29,00 41 4**	4	29 203	FCV4377B		216	99.6	29			UAI169 (Ren.)	
		R	**29 203 29,00 41 4**	4	29 203	FCV4377B		216	99.6	29			UAI169 (Ren.)	
Elsa 225-3 Renault/Volvo Applications	10/05→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29			UAI169 (Ren.)	
		R	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29			UAI169 (Ren.)	
Elsa 225-3 Volvo Bus	09/08→	F	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				
		R	**29 218 29,00 41 4**	4	29 218	FCV4378BFE		249.6	109.5	29				

Lift Axles

VGT195 Renault/Volvo Applications	05/06→	R	**29 177 29,00 41 4**	4	29 177	FCV4170B		210	102.6	29			UAI169 (Ren.)	

WABCO

PAN17

			29 088 26,00 40 4	4	29 088/ 29 144	FCV4283	330	176	83	26	MAN Applications			
			29 088 26,00 40 4	4	29 088	FCV1279		176	83	26	DAF/ RENAULT TRUCKS Applications			
			29 088 26,00 40 4	4	29 088	FCV1354		176	83	26	IVECO Applications			

PAN19-1

			29 159 30,00 40 4	4	29 159	FCV1964		211	93	30	DAF Applications			
			29 159 30,00 40 4	4	29 159	FCV4043		211	93	30	SAF/SMB Applications			
			29 159 30,00 40 4	4	29 159	FCV1963		211	93	30	DENNIS BUS/ SOR BUS			

PAN19-2

			29 142 30,00 40 4	4	29 141/ 29 142	FCV1389		204.6	99.6	30	DAF/ RENAULT TRUCKS Applications			

PAN22

			29 154 30,00 40 4	4	29 154	FCV1366		248	108	30	SMB			

PAN22-1

			29 162 31,00 40 4	4	29 162	FCV1828		210.3	109.8	31	SMB/ SAF			

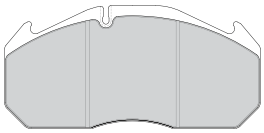
Wabco 1000 V-G

			29 055 22,00 40 4	4	29 055	FCV987		176	83	22	MAN Applications			

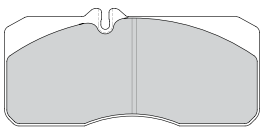
Wabco 1600 V-G

			29 077 27,00 40 3	4	29 077	FCV1042		205	106	27	DAF Applications			

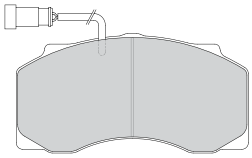
29 053 30,00 41 4
4567, 4568 — MER D3/D-ELSA 1



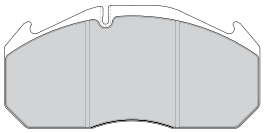
29 055 22,00 40 4
4551 — WAB 1000 V-G



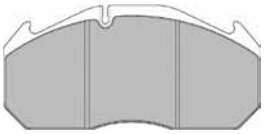
29 077 27,00 40 3
1721 — WAB 1600 V-G



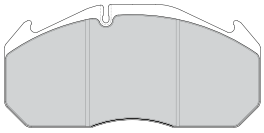
29 083 28,00 41 4
3422 — MER D3



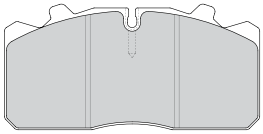
29 083 28,00 42 4
3422 — MER D3



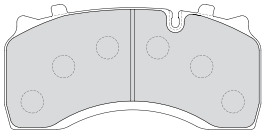
29 084 30,00 41 4
3422 — MER



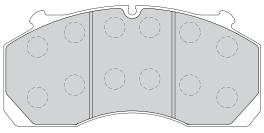
29 088 26,00 40 4
1723, 4523, 4568 — WAB PAN 17



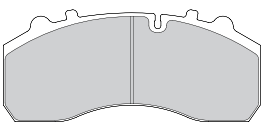
29 142 30,00 40 4
4572 — WAB PAN 19-2



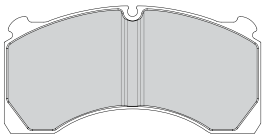
29 150 30,00 41 4
4567 — MER DX225



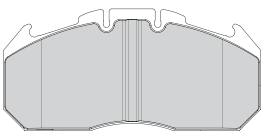
29 154 30,00 40 4
4550 — WAB PAN 22



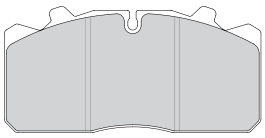
29 155 27,00 41 4
4550 — MER DX195



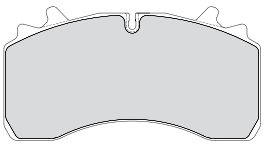
29 156 30,00 41 4
4567, 4568, 4572 — MER D-ELSA 2



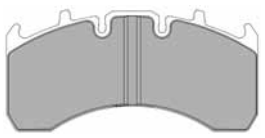
29 159 30,00 40 4
4567, 4568, 4569 — WAB PAN 19-1



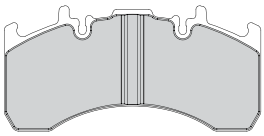
29 162 31,00 40 4
4569 — WAB PAN 22-1



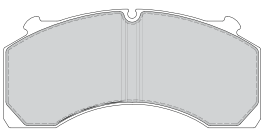
29 169 30,00 41 4
4562 — MER ELSA195



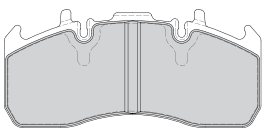
29 177 29,00 41 4
4572 — MER VGT195



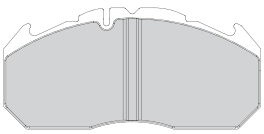
29 180 29,00 41 4
4562 — MER DX225



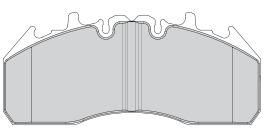
29 203 29,00 41 4
4567 — MER ELSA225-1



29 210 28,00 41 4
4567, 4568, 4572 — MER D3/D-ELSA 1

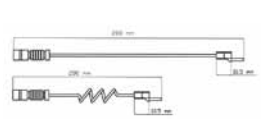


29 218 29,00 41 4
4567 — MER Elsa225-3 (ex-PNG)

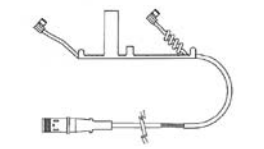


FAC102 ↔

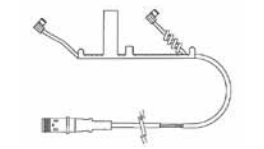
UAI107 ↔ 280mm
2+2



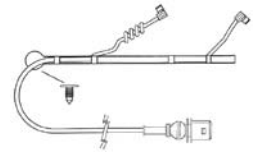
UAI161 ↔ 385mm
2



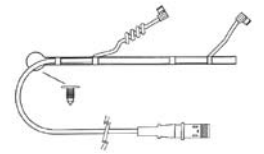
UAI162 ↔ 400mm
2



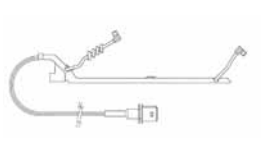
UAI163 ↔ 355mm
2



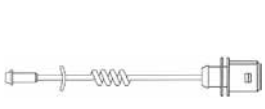
UAI164 ↔ 290mm
2



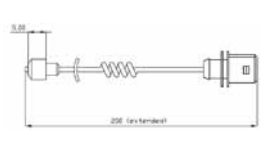
UAI169 ↔ 355mm
2

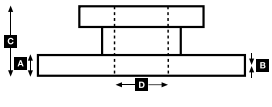


UAI170 ↔ 200mm
2



UAI180 ↔ 200mm
2





...WABCO

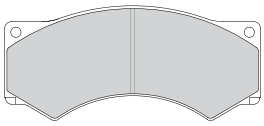
Wabco 456 F-Ö

			29 017 23,00 40 4	4	29 017	FCV376		191	89	23	DAF, IVECO, Leyland Applications			
			29 024 23,00 41 3*	4	29 024	FCV503		191	89	23	IVECO, Leyland Applications			
			29 029 23,00 41 3*	4	29 029	FCV952		191	87	23	IVECO Applications			

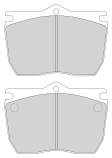
Wabco 485 F-Ö

			29 018 28,00 40 4*	8	29 018	FCV983		162	111	28	IVECO BUS Applications			

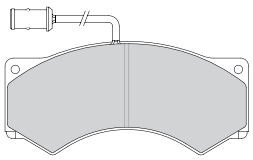
29 017 23,00 40 4
3422 WAB 456 F-Ö



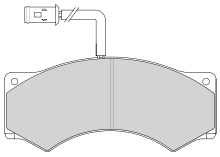
29 018 28,00 40 4*
3475 WAB 485 F-Ö

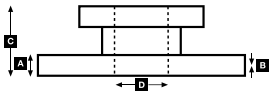


29 024 23,00 41 3*
1721 WAB 456 F-Ö



29 029 23,00 41 3*
1721 WAB 456 F-Ö

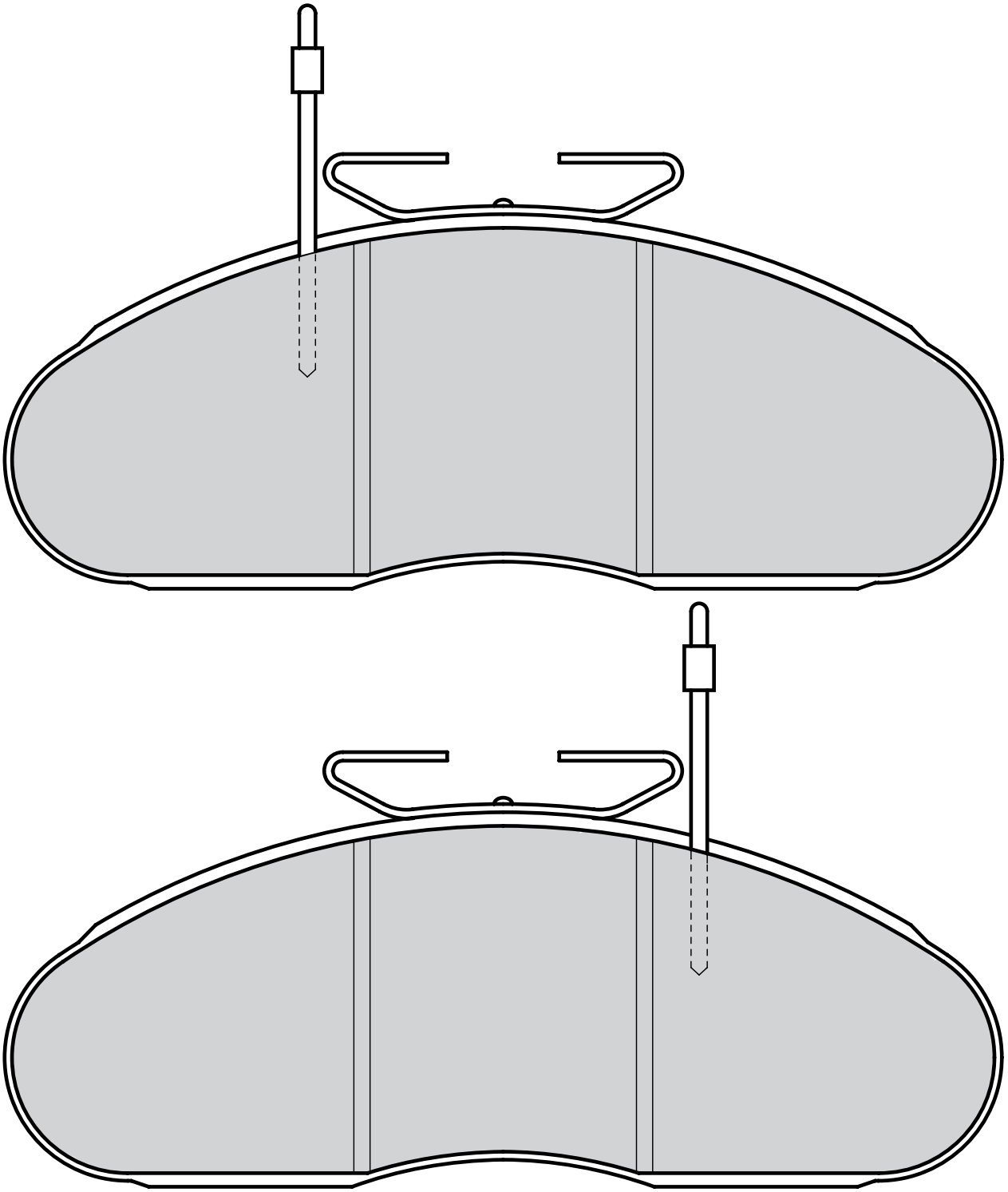




20 984 17,00 41 5* / FVR792

167 | 62 | 17 | BENDIX | 2M

MERCEDES-BENZ MB140
NISSAN Cabstar E, Eco-T / Atleon Range, Trade
RENAULT TRUCKS B Series

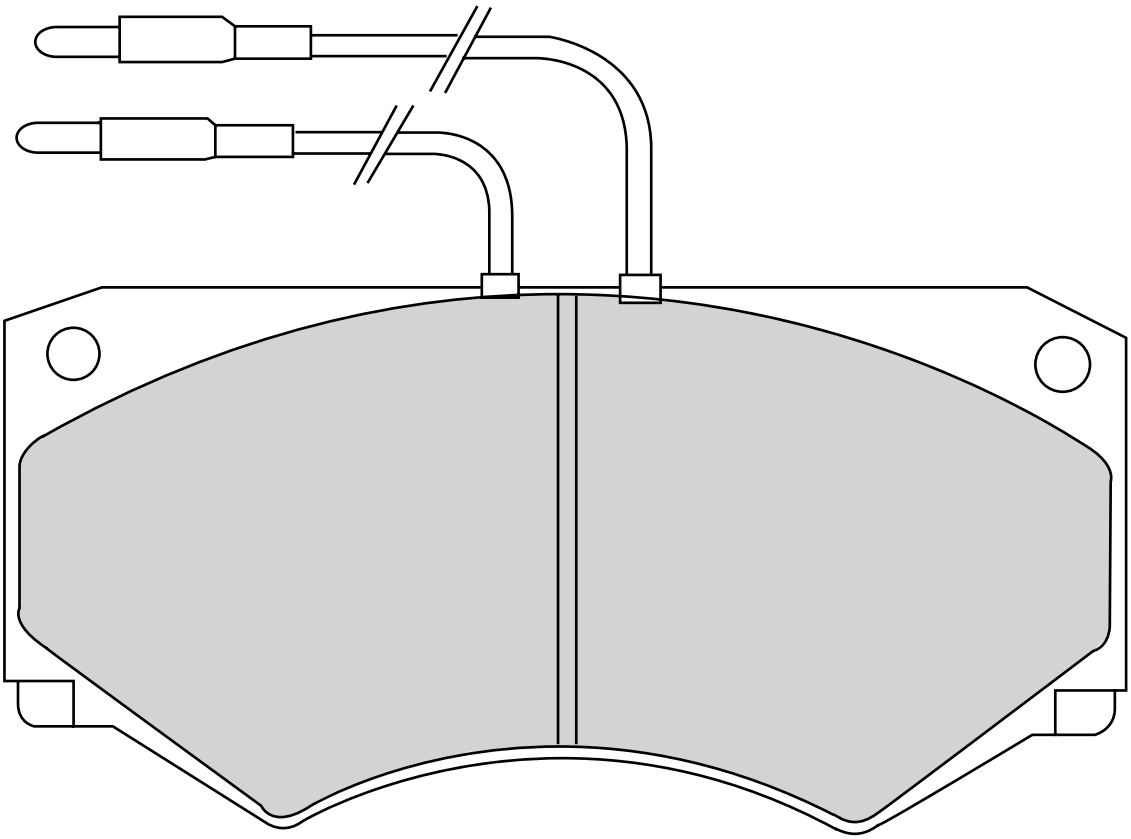


21 006 18,00 41 3* / FVR492

149 | 69 | 18 | WABCO | 4M

IVECO Daily I

PERROT BREMSEN (WABCO) All

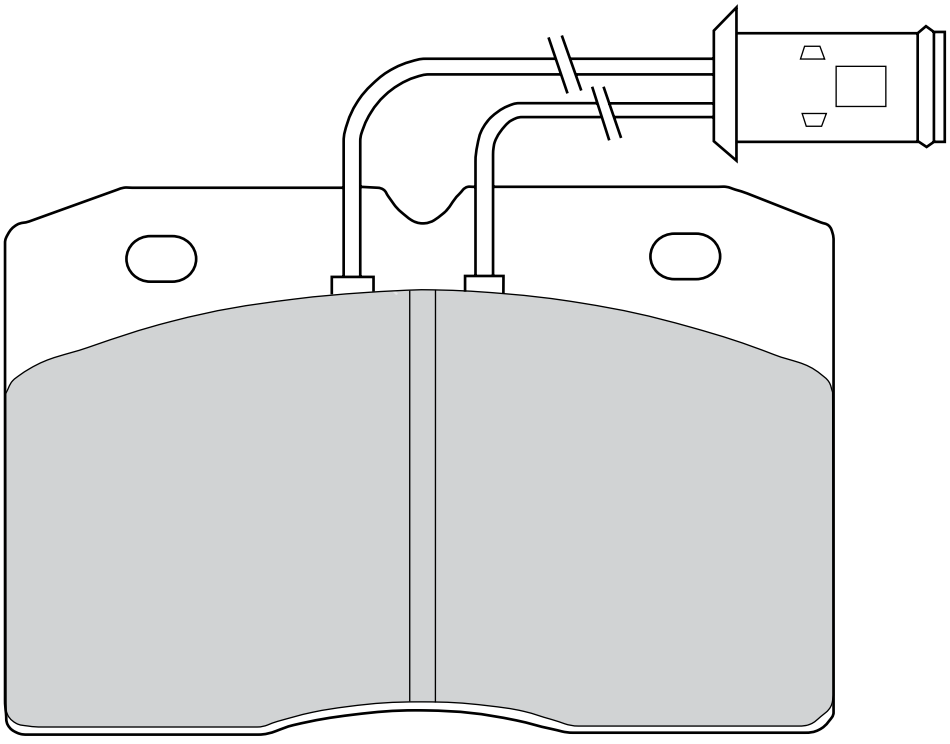


21 188 18,30 40 3* / FVR511

110 | 73 | 18 | BREMBO | 2M

AWD TK, TK M Series, TL Range:

IVECO Daily I



21 576 19,00 40 3

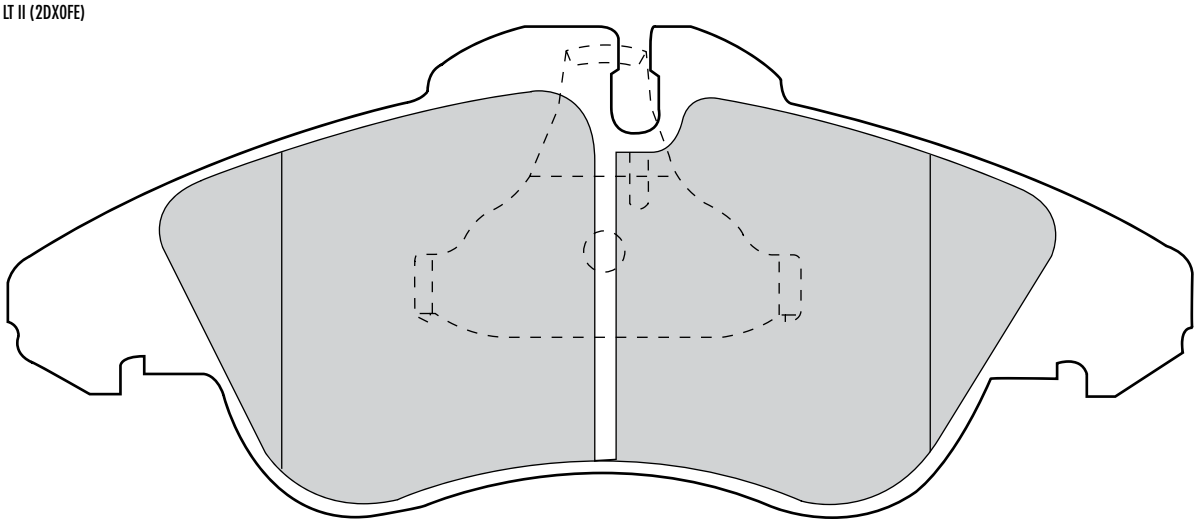
156 | 65 | 19 | ATE | 2L

ATE BREMSEN All

MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903), Sprinter 4-T (904), Sprinter Mini Bus (3,5 to), V-Class (638/2), Vito (638):

OPTARE Soroco NT

VOLKSWAGEN LT II (2DX0FE)

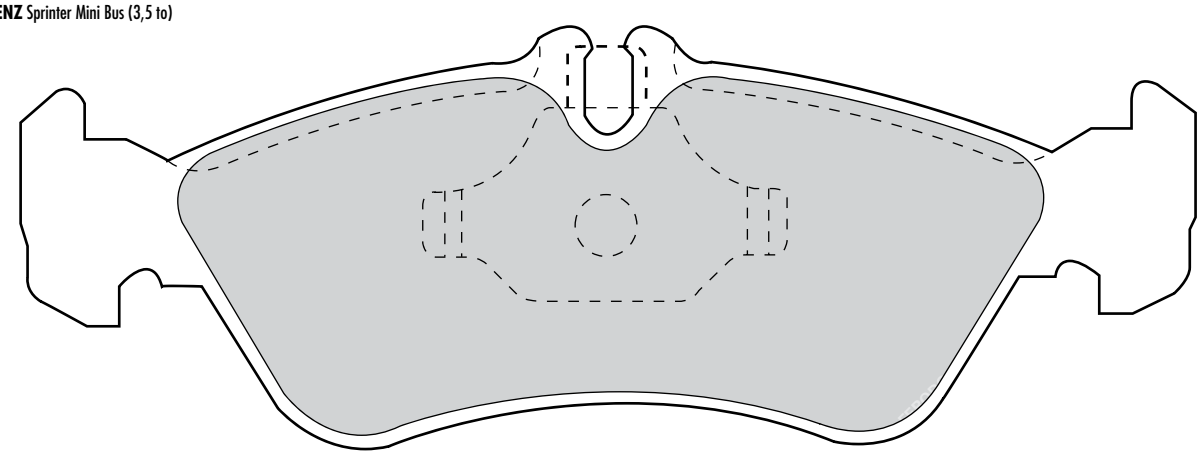


21 592 18,80 40 3

156 | 55 | 19 | ATE | 2L

ATE BREMSEN All

MERCEDES-BENZ Sprinter Mini Bus (3,5 to)



21 621 17,00 40 3

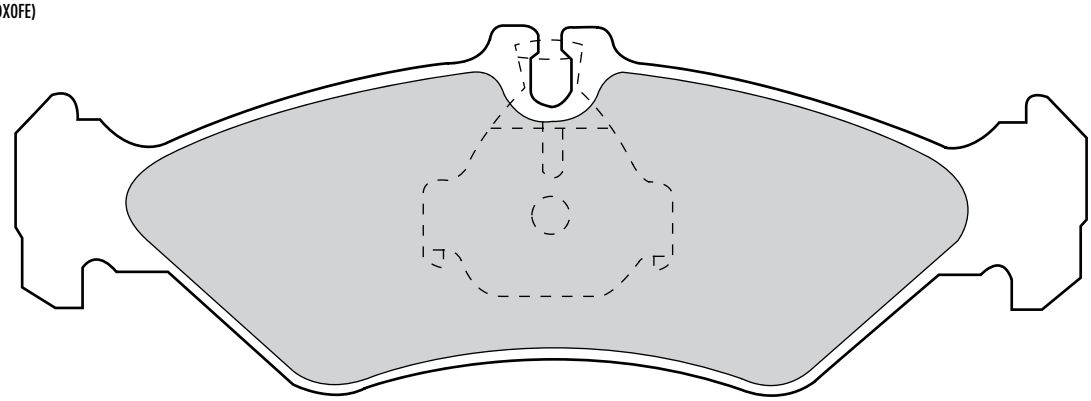
141 | 49 | 17 | ATE | 2L

ATE BREMSEN All

MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903)

OPTARE Soroco NT

VOLKSWAGEN LT II (2DX0FE)

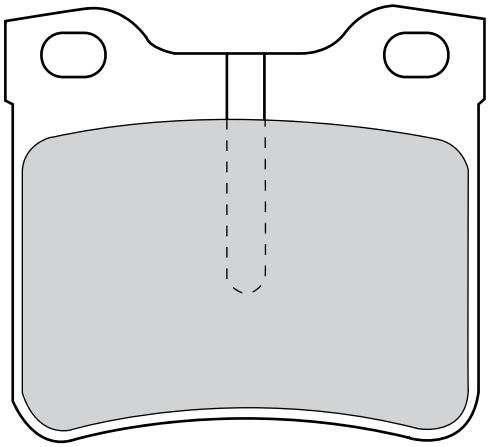


21 904 17,00 41 3

64 | 57 | 17 | ATE | 2M

ATE BREMSEN All

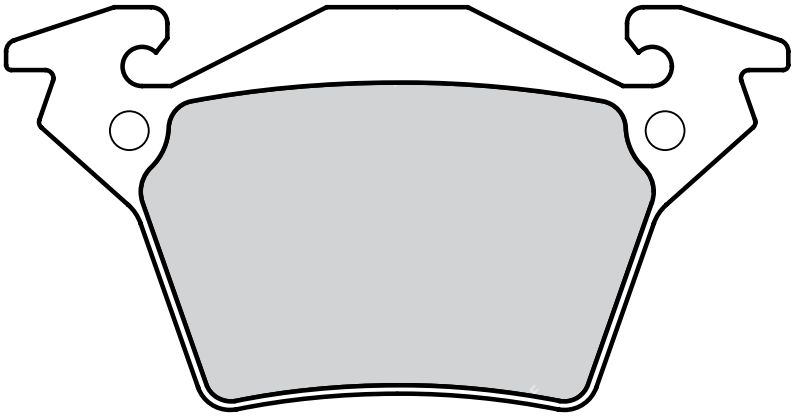
MERCEDES-BENZ V-Class (638/2), Vito (638):



23 020 17,90 40 4* / FVR1305

104 | 53 | 18 | BOSCH | -

MERCEDES-BENZ V-Class (638/2), Vito (638):



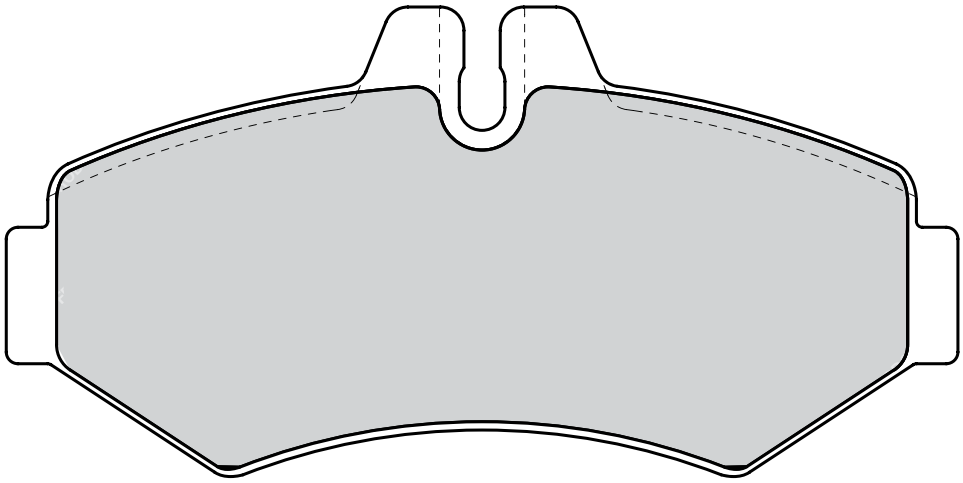
23 021 18,60 40 4* / FVR1306

126 | 63 | 19 | BOSCH | -

MERCEDES-BENZ Sprinter 3-T (903), Sprinter 4-T (904), Sprinter Mini Bus (3,5 to)

OPTARE Soroco NT

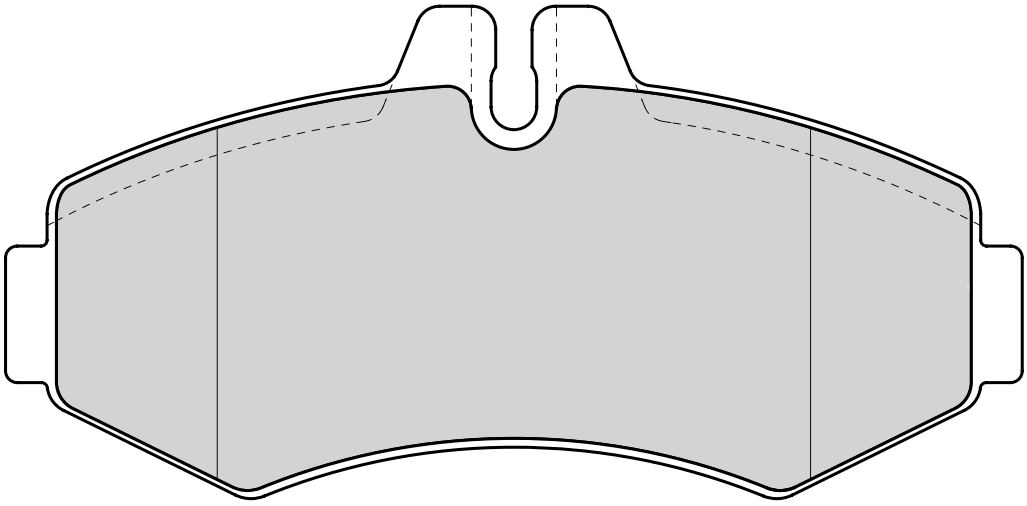
VOLKSWAGEN LT II (2DX0FE)



23 022 20,60 40 4* / FVR1304

135 | 66 | 21 | BOSCH | -

MERCEDES-BENZ Sprinter 3-T (903), Sprinter 4-T (904), V-Class (638/2), Vito (638):

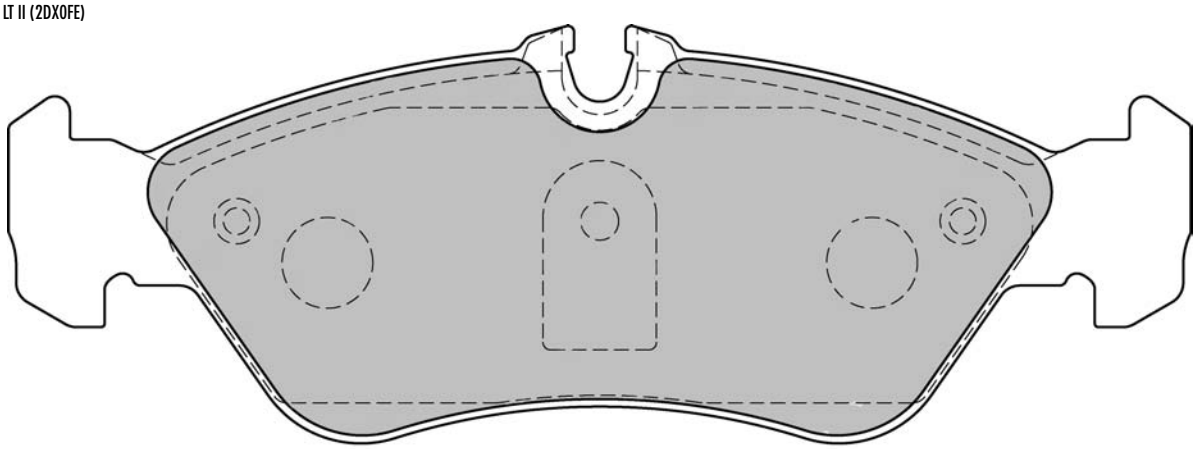


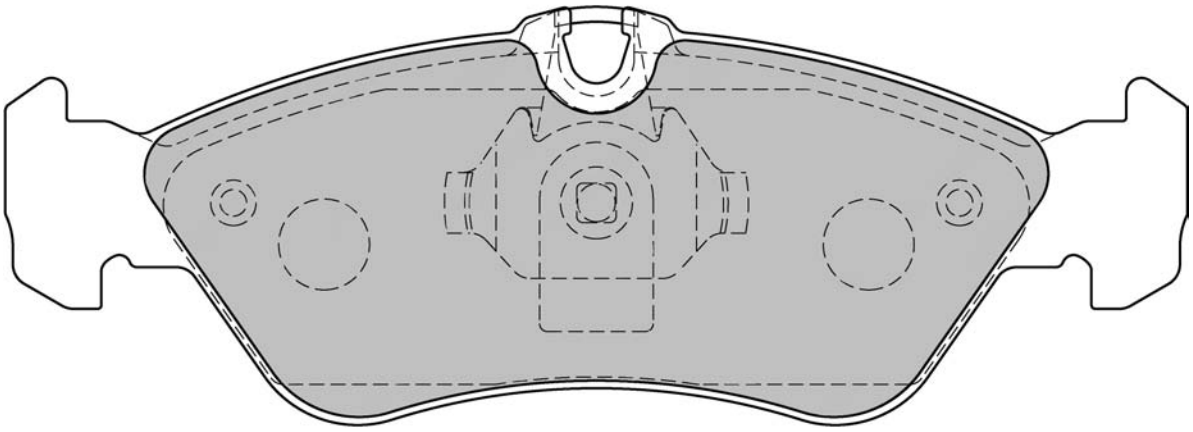
23 901 18,50 40 4

156 | 55 | 19 | ATE | -

MERCEDES-BENZ Sprinter 3-T (903)

VOLKSWAGEN LT II (2DX0FE)



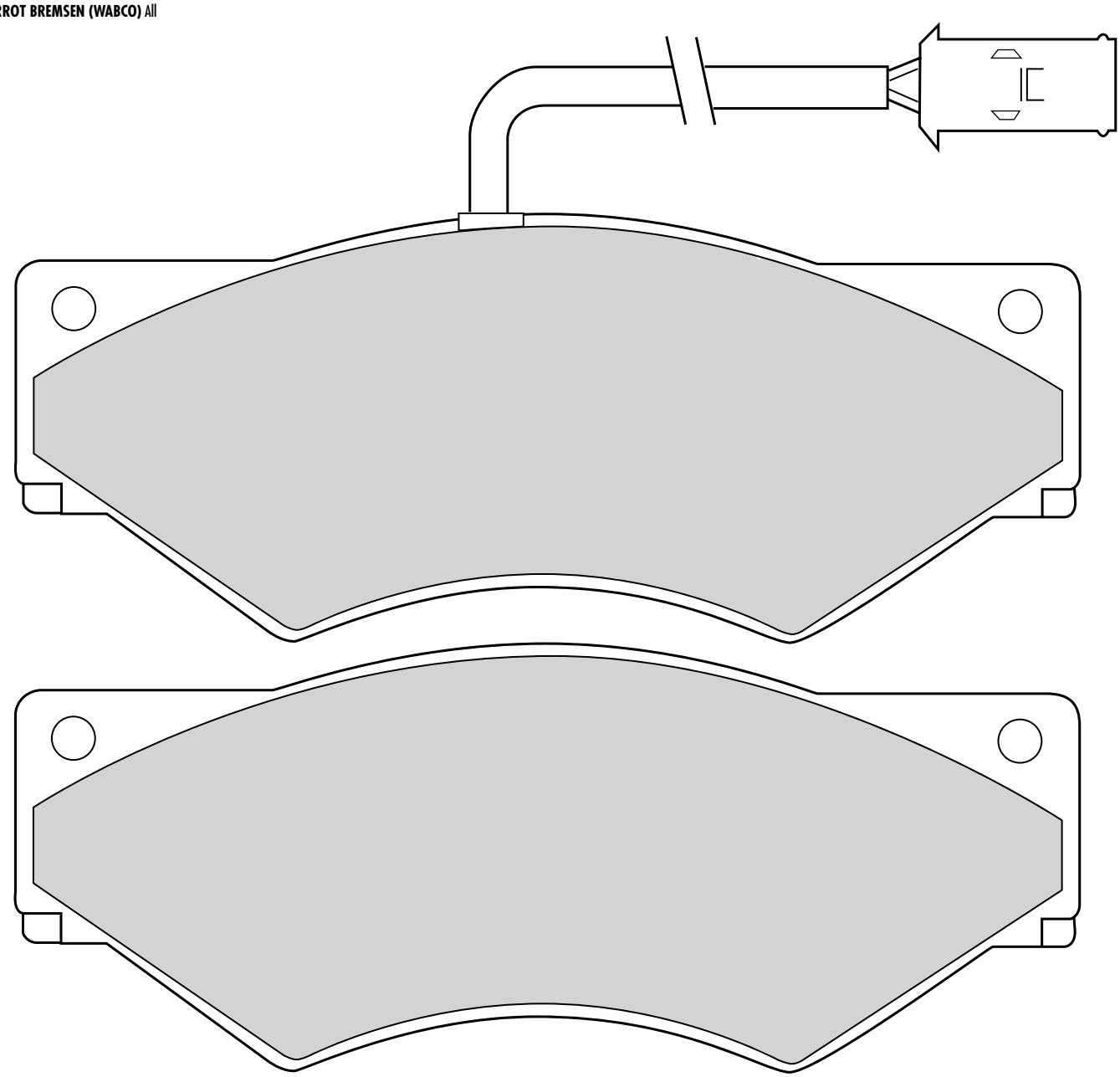


29 001 20,00 41 3* / FVR852

174 | 69 | 20 | WABCO | 2M

IVECO Daily I

PERROT BREMSEN (WABCO) All

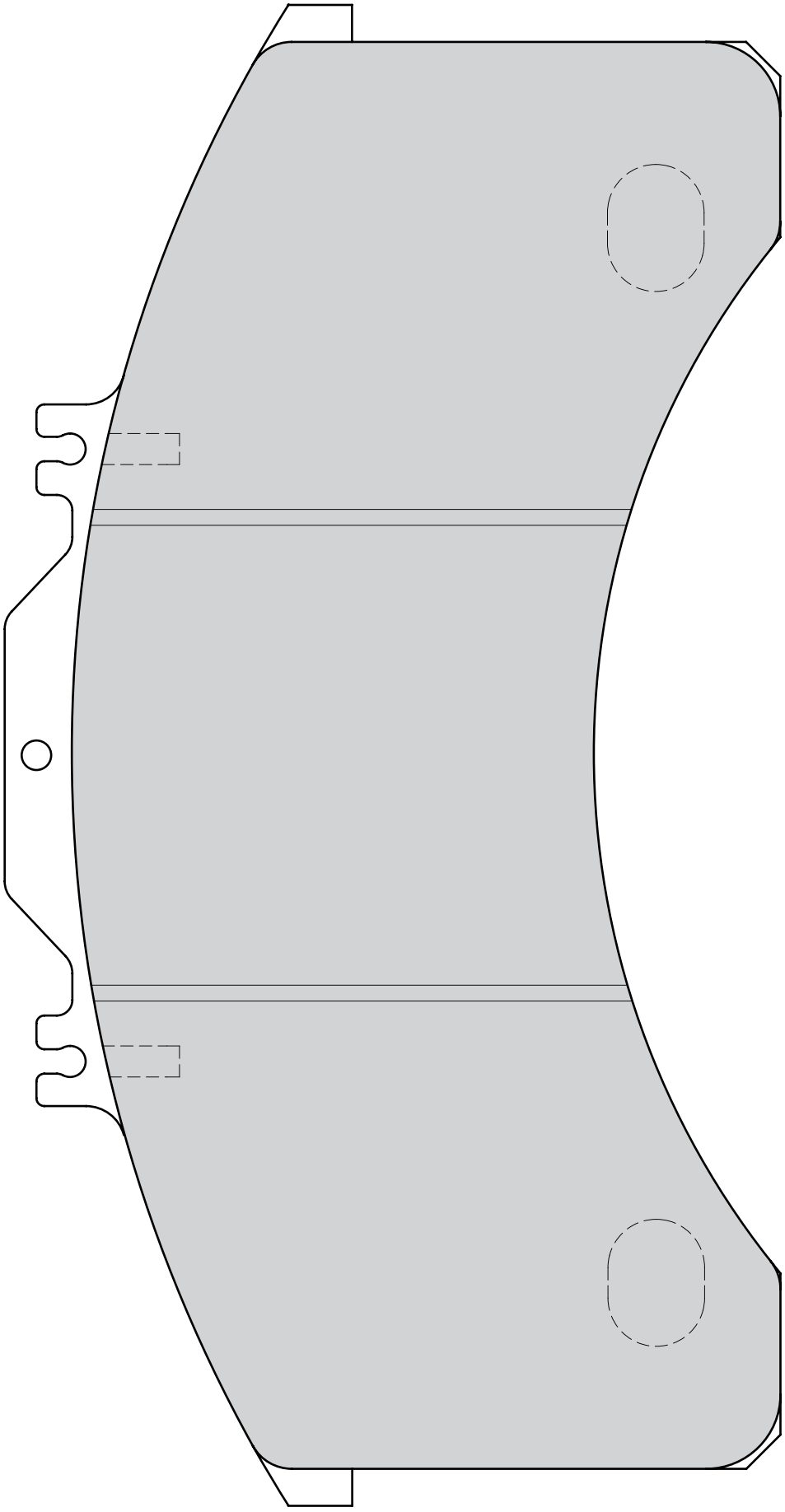


29 011 25,00 40 4

241 | 125 | 25 | KNORR ADB 4300 | -

FORD Supercargo

IVECO Eurocargo, Eurostar, Eurotech MH, Eurotech MP, Eurotech MT



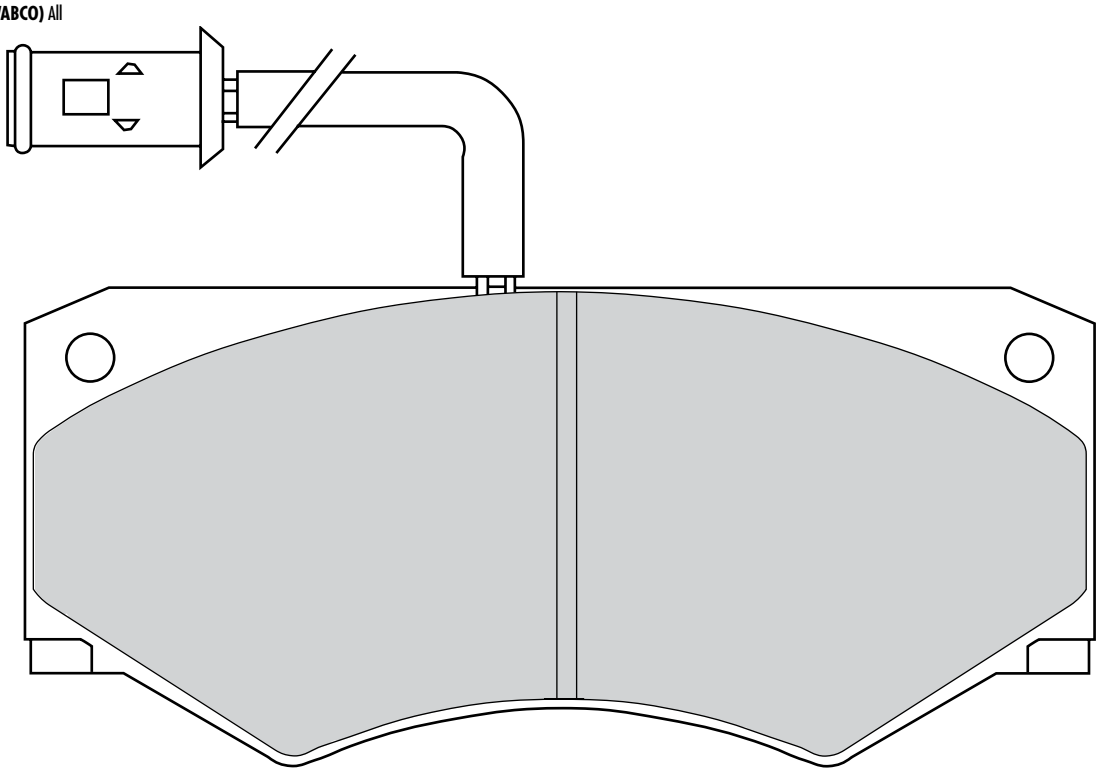
BERAL®

29 012 18,00 41 3

149 | 69 | 18 | WABCO | 2M

IVECO Daily, Daily I

PERROT BREMSEN (WABCO) All



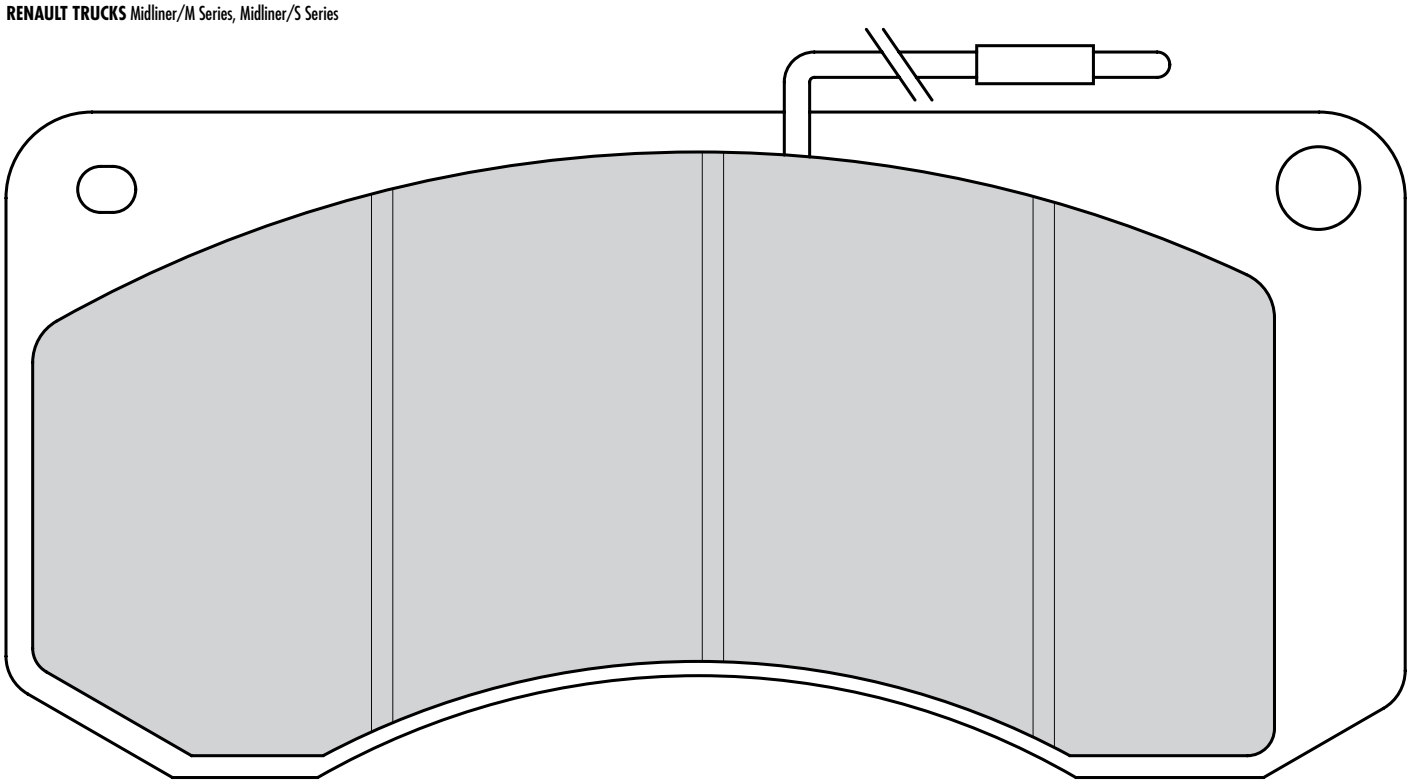
29 013 21,50 41 5* / FCV668

183 | 87 | 21 | S.E.E. 2 X 67 | FITTED (4)

DENNIS Fire Engines

MAN Regal/Regent

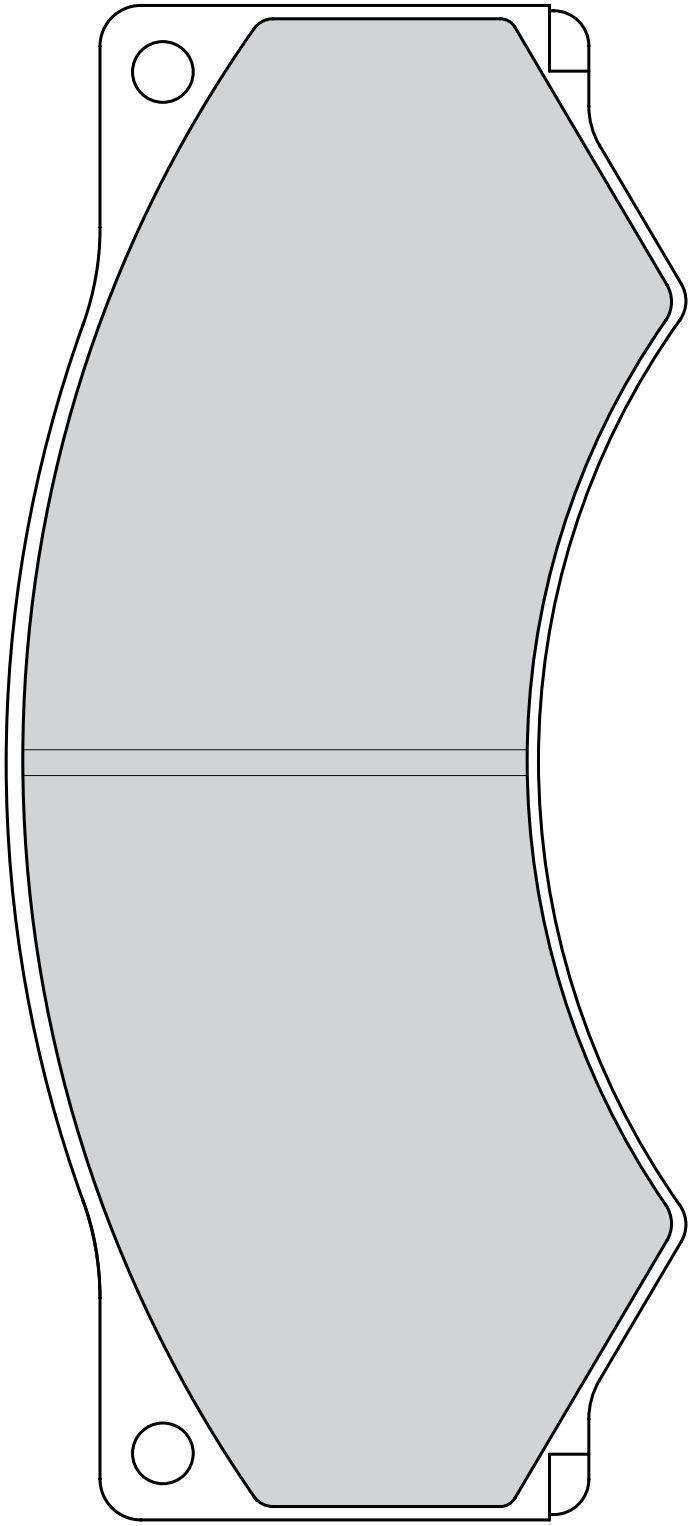
RENAULT TRUCKS Midliner/M Series, Midliner/S Series



29 017 23,00 40 4

191 | 89 | 23 | WABCO | -

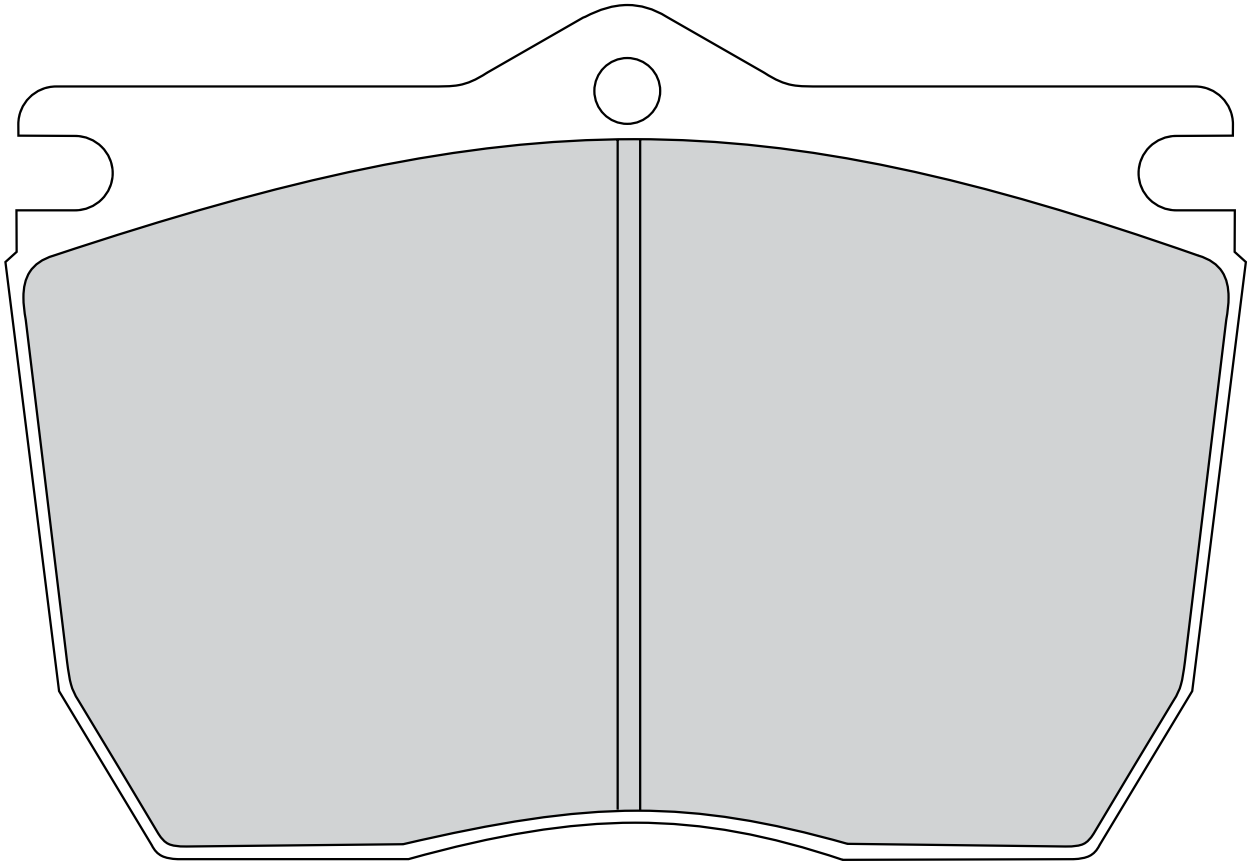
AVIA - DAEWOO (Czech) A60, A75, A80, D60, D75, D80, D95
DAF F 1000, F 45 Series, F 600, F 800 Series, Roadrunner, Swift
IVECO Z-Series:
PERROT BREMSEN (WABCO) All
WABCO Wabco 456 F-Ö

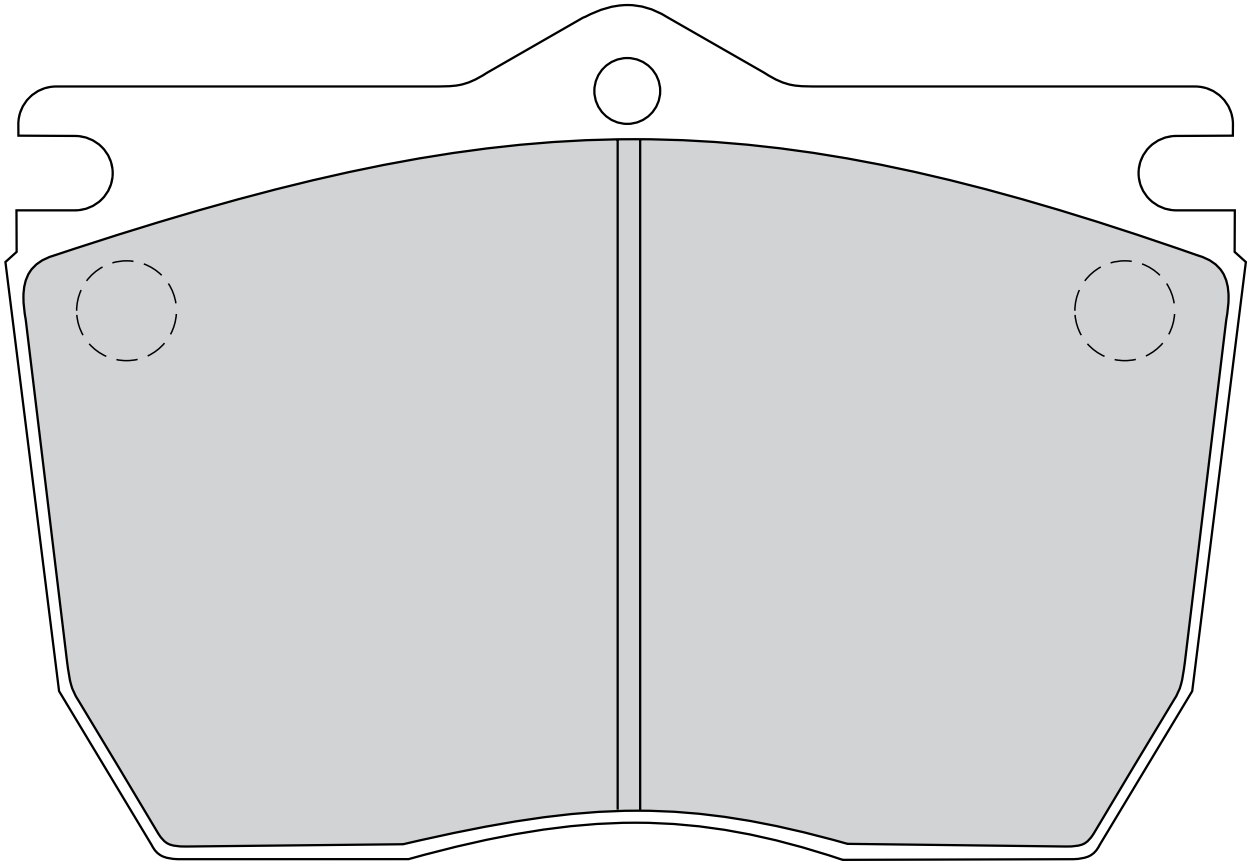


29 018 28,00 40 4* / FCV983

162 | 162 | 28 | WABCO 485 F-Ö | -

INBUS F140 (Filobus), U210 - S210 - 1330
IRISBUS Iveco 480/580, Iveco 490
PERROT BREMSEN (WABCO) All
WABCO Wabco 485 F-Ö

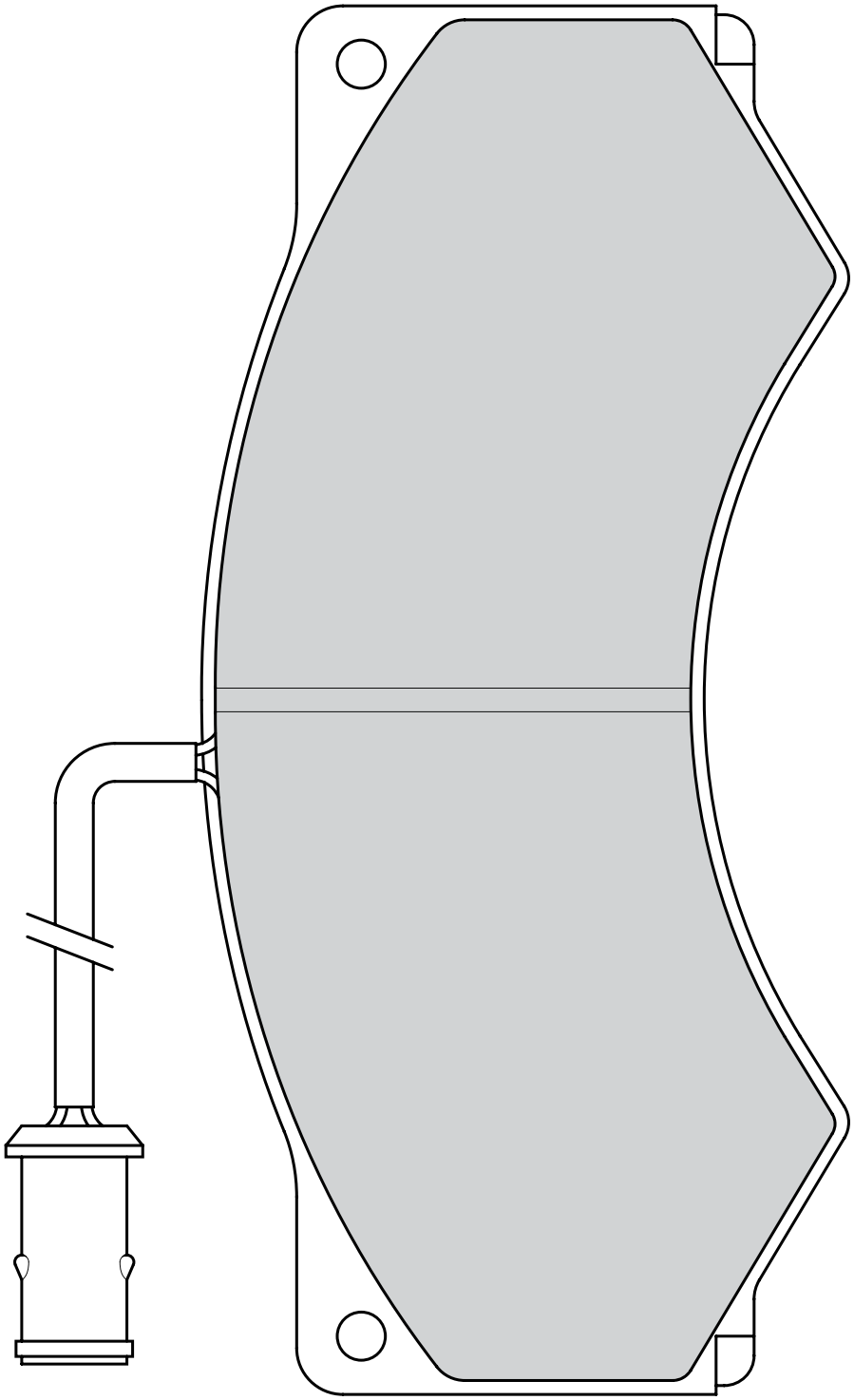




29 024 23,00 41 3* / FCV503

191 | 89 | 23 | WABCO 456 F-Ö | FITTED (2)

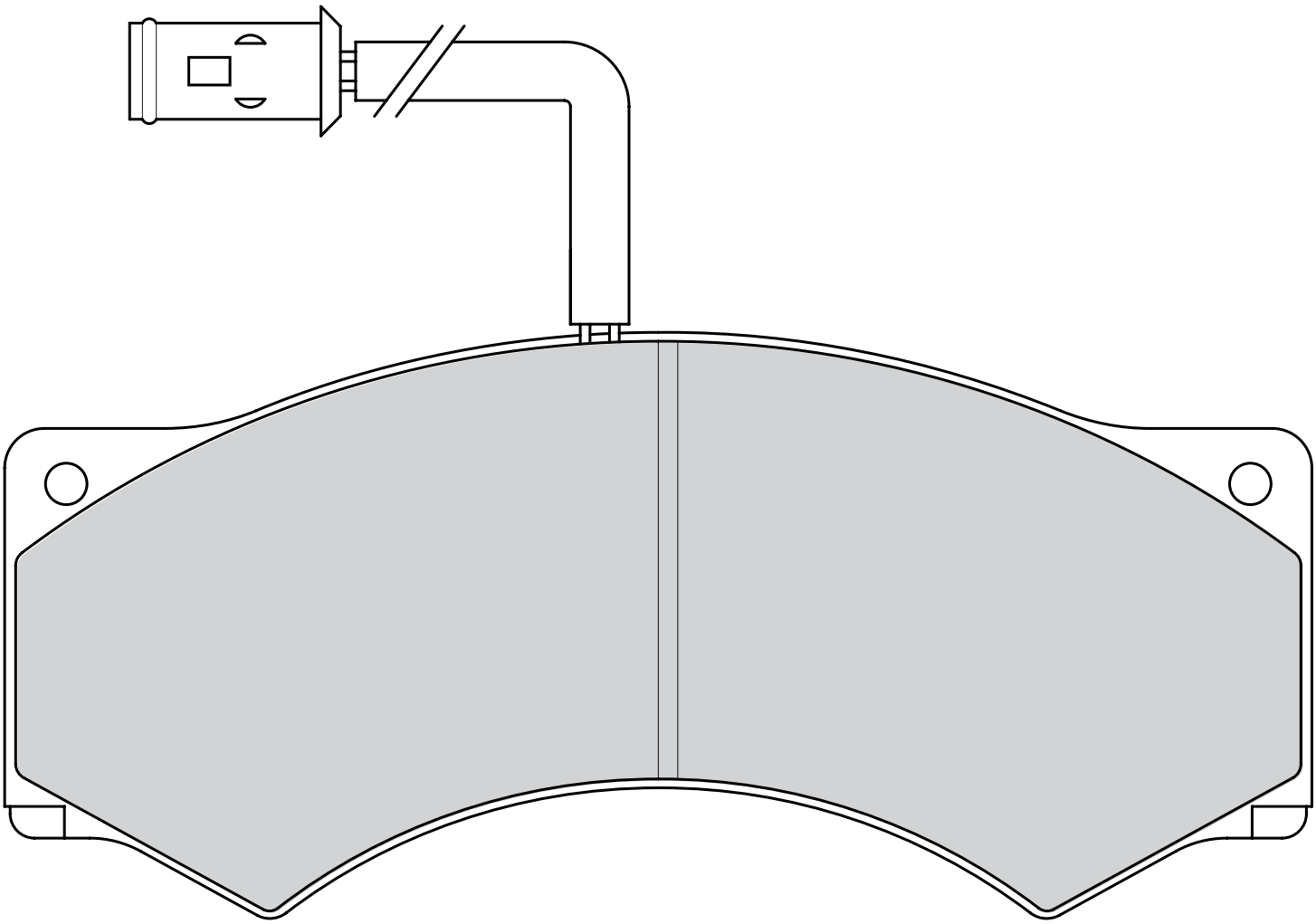
DAF F 45 Series, Roadrunner
IVECO Z-Series:
PERROT BREMSEN (WABCO) All
WABCO Wabco 456 F-Ö



29 029 23,00 41 3* / FCV952

191 | 87 | 23 | WABCO 456 F-Ö | FITTED (2)

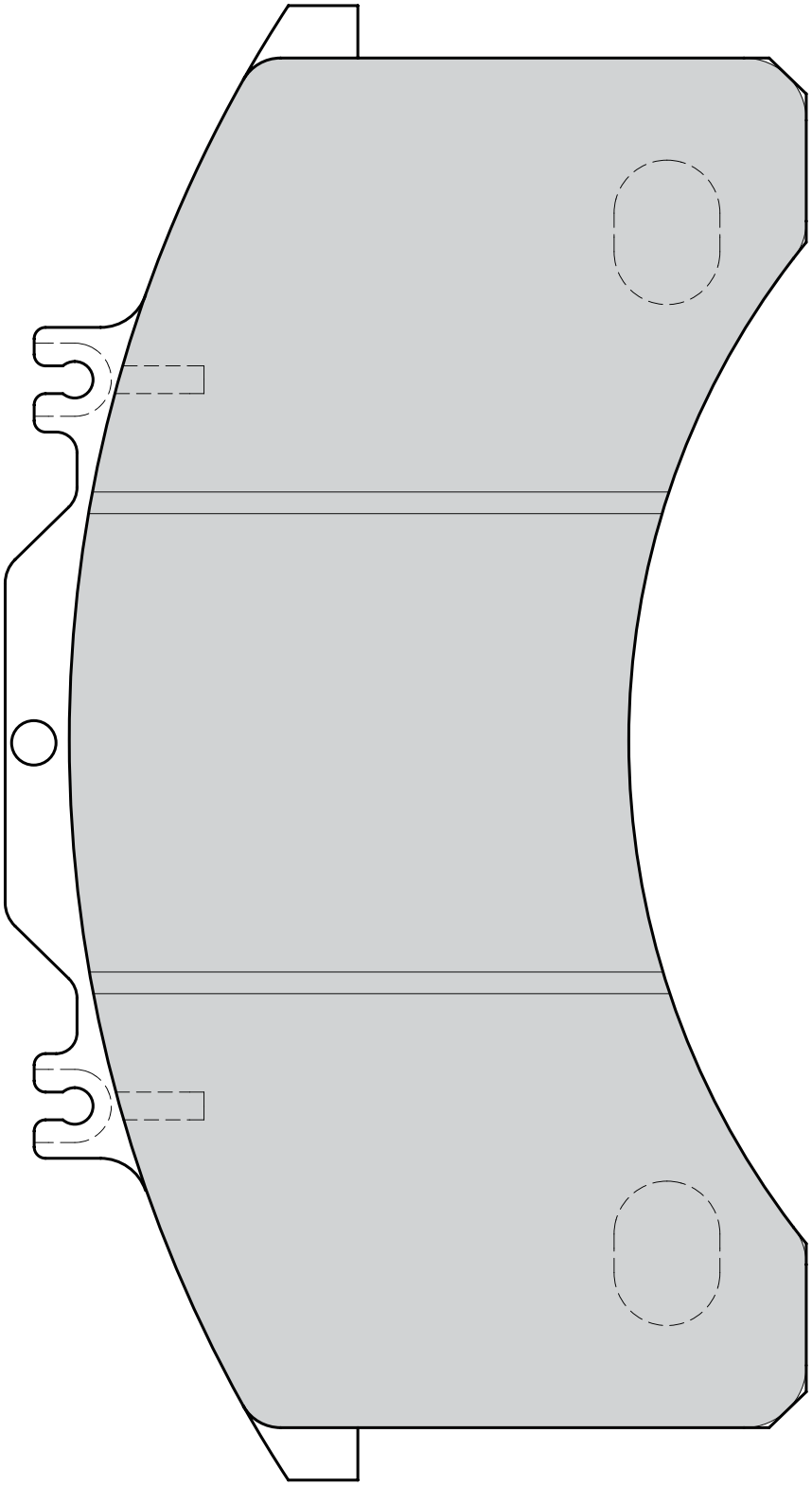
IVECO Z-Series:
PERROT BREMSEN (WABCO) All
WABCO Wabco 456 F-Ö



29 032 25,00 40 4

206 | 107 | 25 | KNORR ADB 3700 | -

FORD Supercargo
IVECO Eurocargo

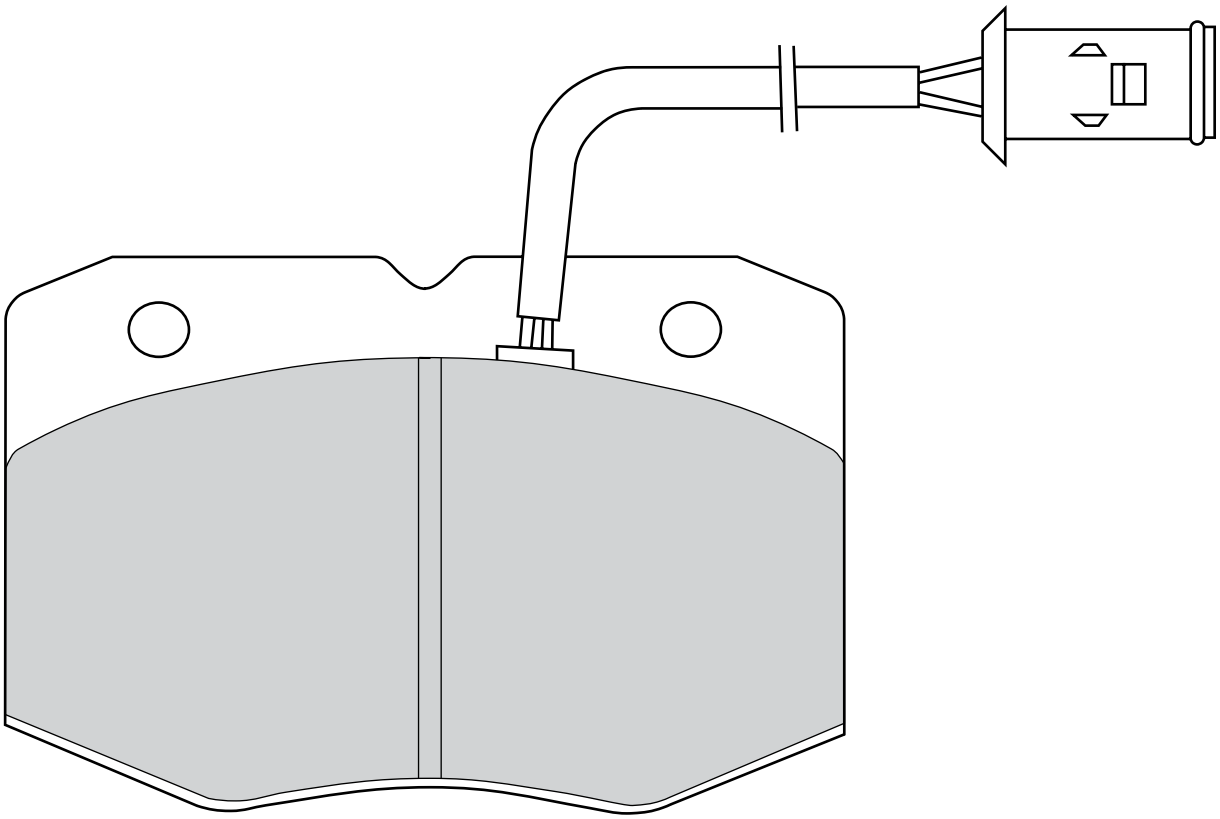


BERAL®

29 038 18,30 40 3* / FVR713

110 | 73 | 18 | BREMBO | 2M

IVECO Daily I

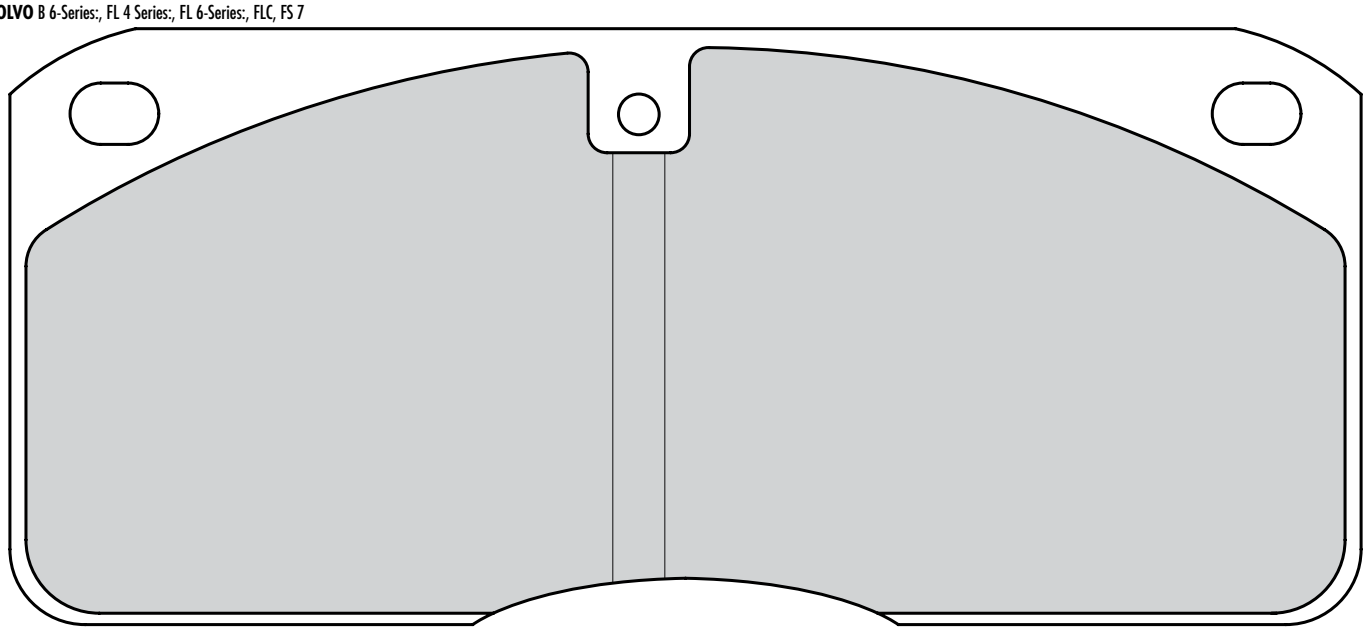


29 039 22,00 40 4

177 | 78 | 22 | MERITOR 2X68 | -

NISSAN Ebro, Eco-T / Atleon Range

VOLVO B 6-Series:, FL 4 Series:, FL 6-Series:, FLC, FS 7

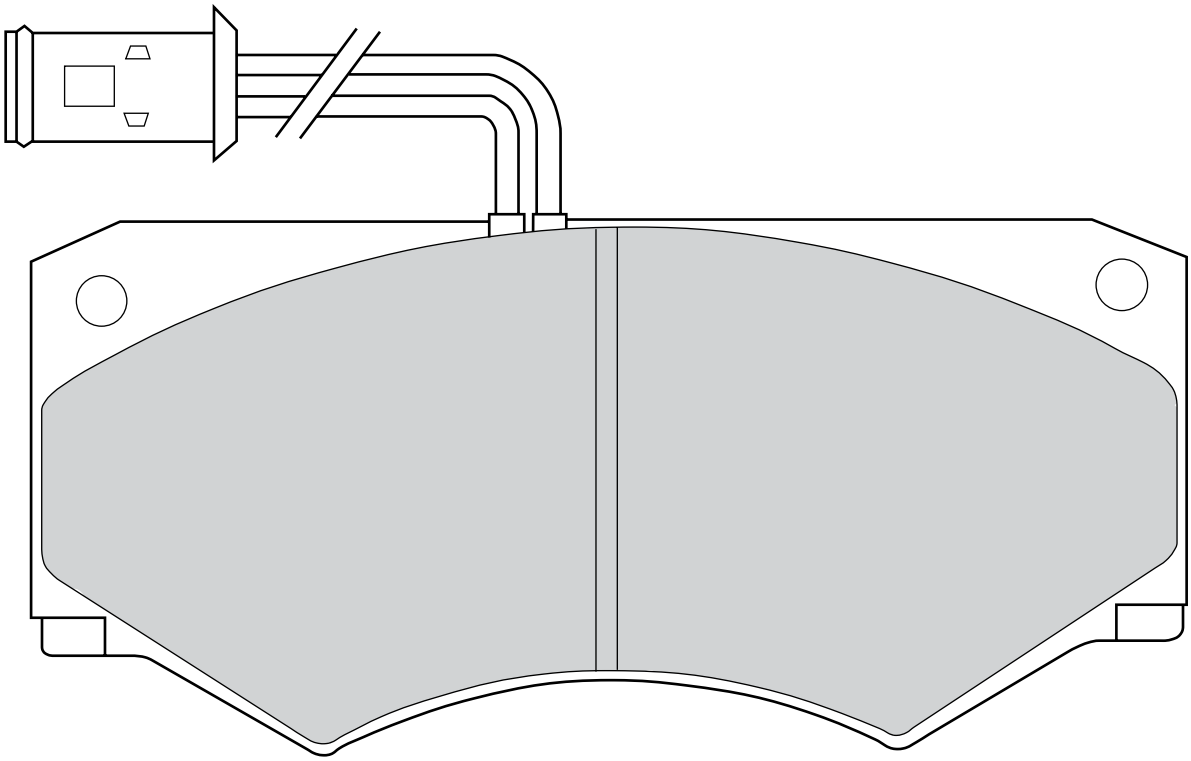


29 040 18,00 41 3* / FVR516

149 | 69 | 18 | WABCO | 2M

IVECO Daily I

PERROT BREMSEN (WABCO) All

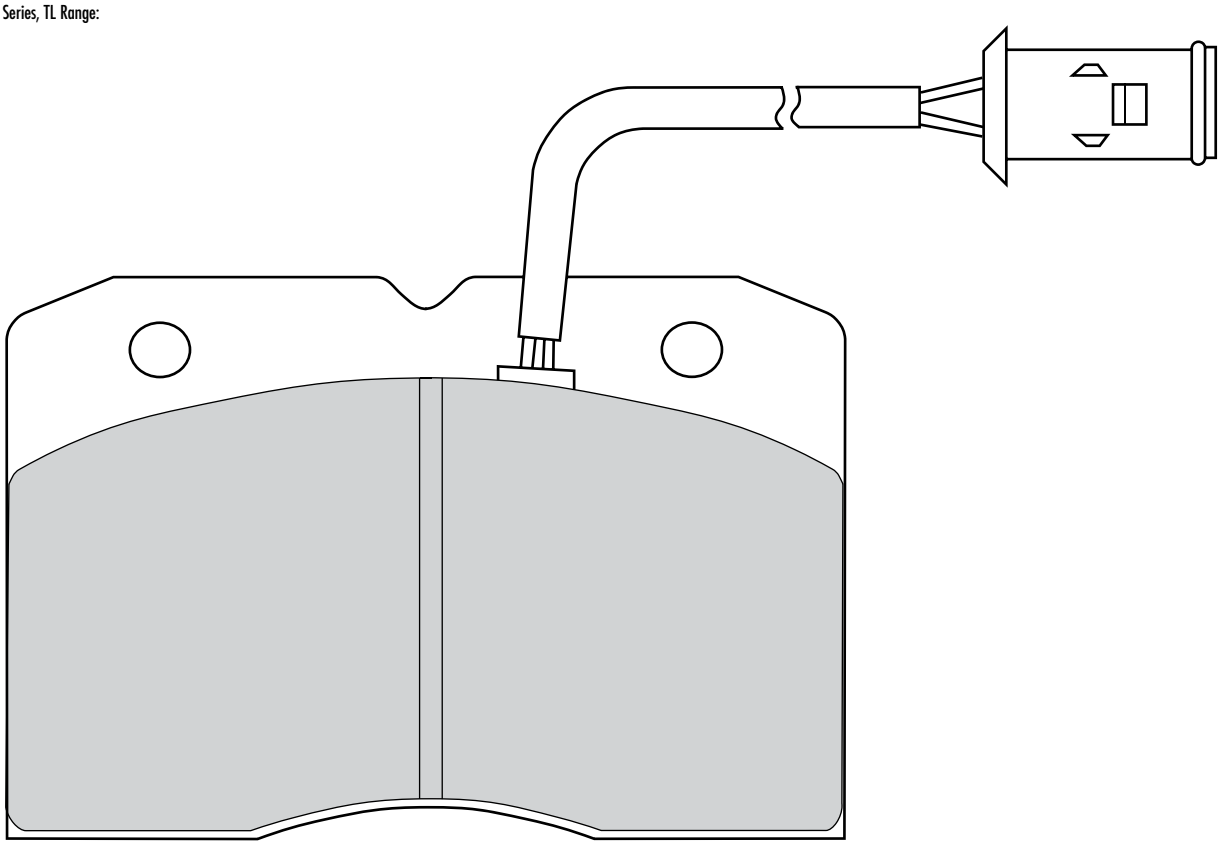


29 041 18,30 41 4* / FVR655

110 | 73 | 18 | BREMBO | 2M

IVECO Daily I

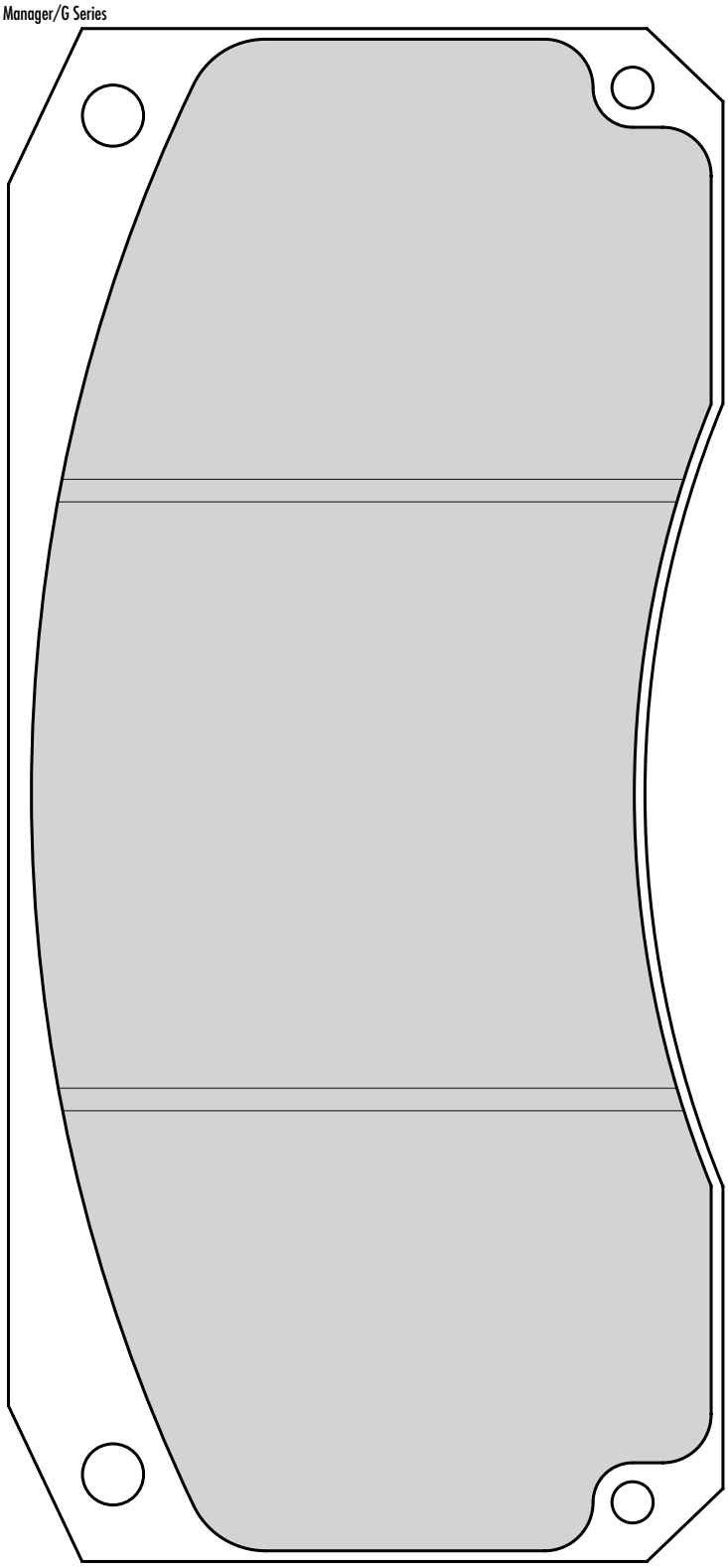
AWD TK, TK M Series, TL Range:



29 043 24,00 40 4

204 | 97 | 24 | MERITOR D2 | -

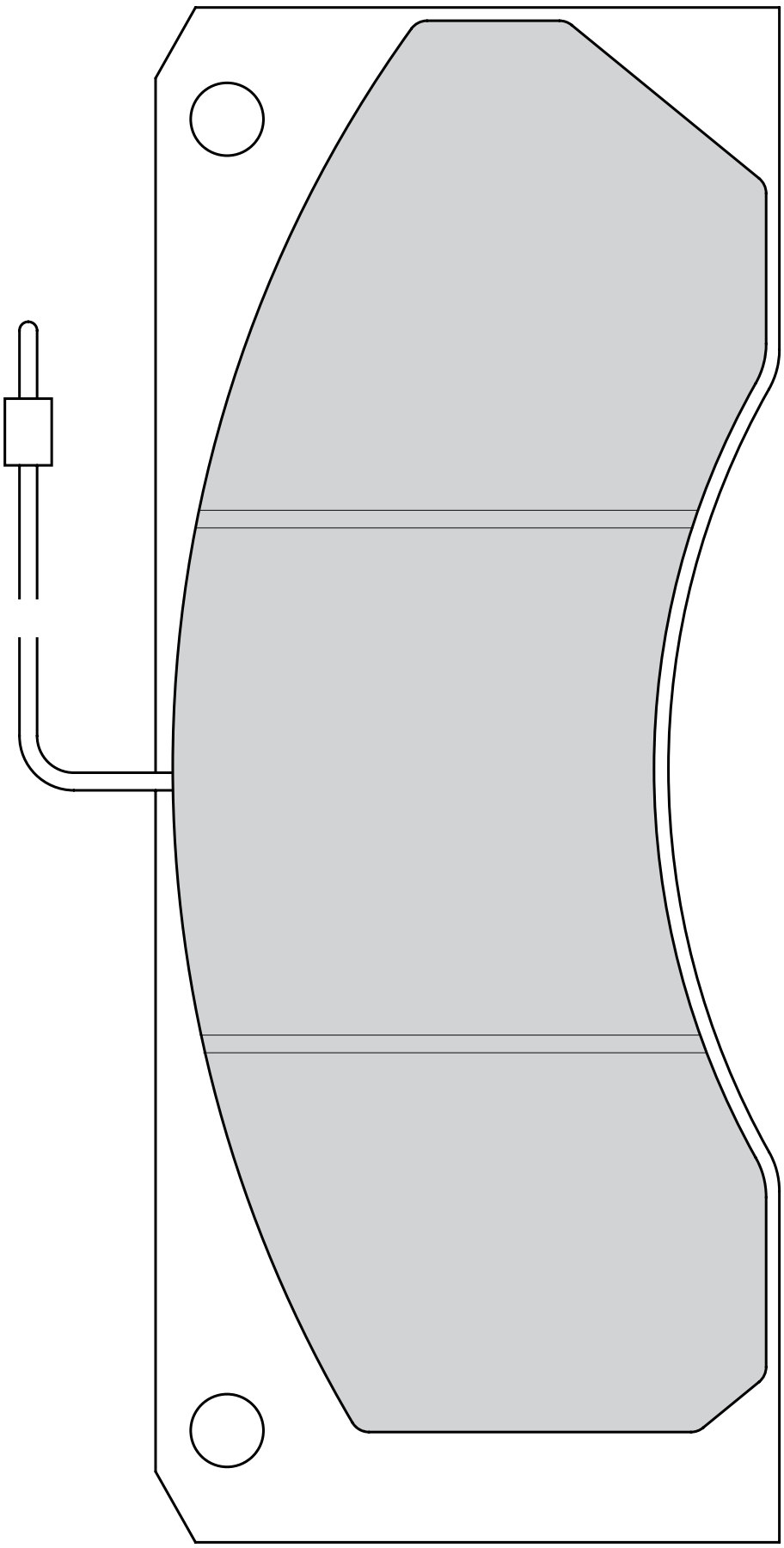
BERKHOF PSV Radial
DENNIS Javelin Coach
MERITOR All
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series



29 044 20,00 41 4* / FCV1940

236 | 95 | 20 | S.E.E. | FITTED (4)

IRISBUS FR1 (5.4M, 5.6M, 6.2M)

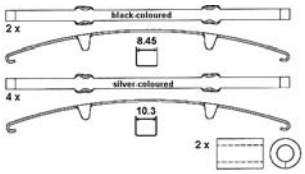


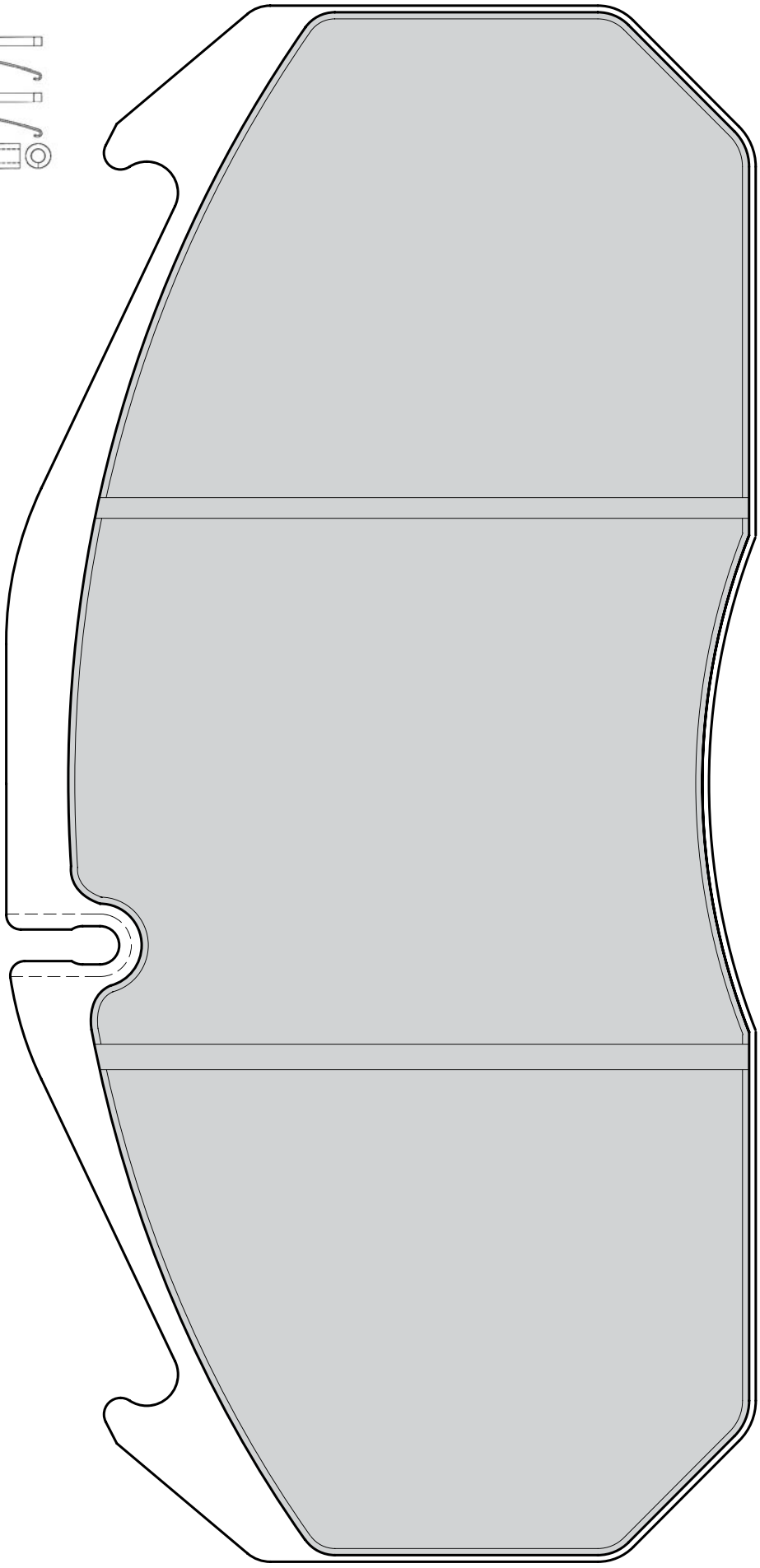
BERAL®

29 053 30,00 41 4

250 | 118 | 30 | MERITOR D3/D-ELSA 1 | -

DENNIS Lance **ERNST AUWÄRTER** Eurostar **IRISBUS** Agora, Citybus, Heuliez GX317
MAN Chassis, EL-Series, EM-Series, F2000-Series, F90-Series, Lions Coach, Lions Comfort:, Lions Star, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), NG Series:, NM-Series:, NU, UL
MERITOR All **SETRA** All, Comfortclass 300, Multiclass 300, TopClass 300

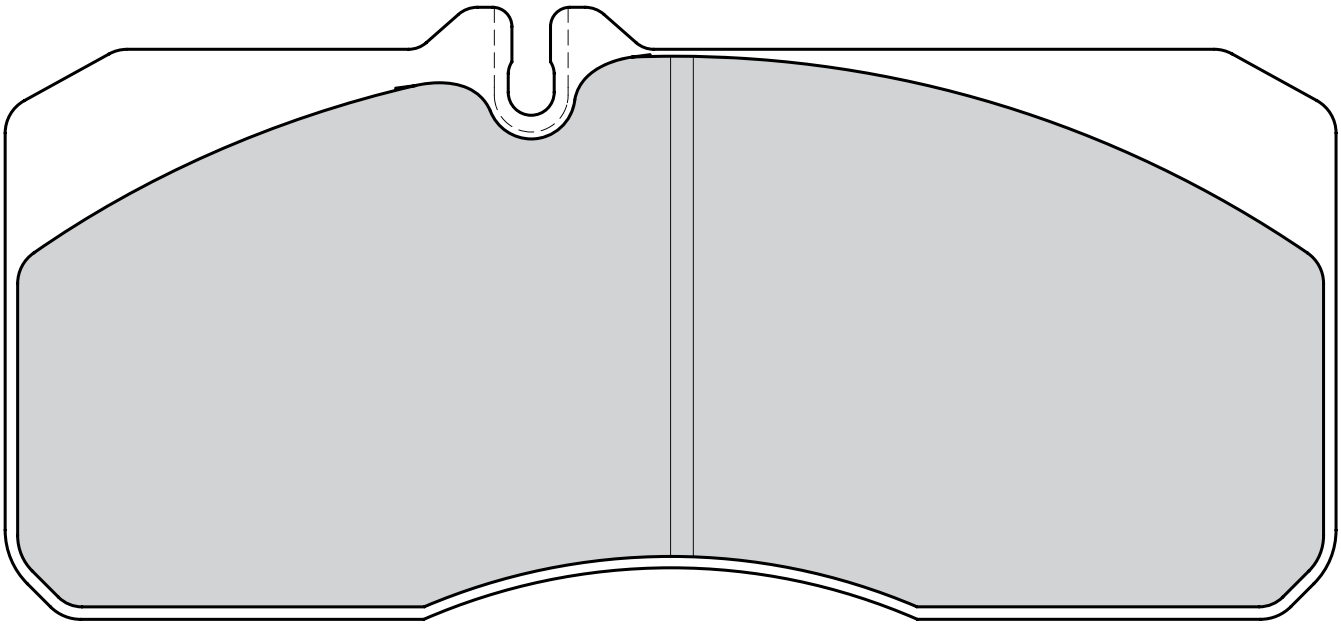




29 055 22,00 40 4

176 | 83 | 22 | WABCO 1000 V-G | -

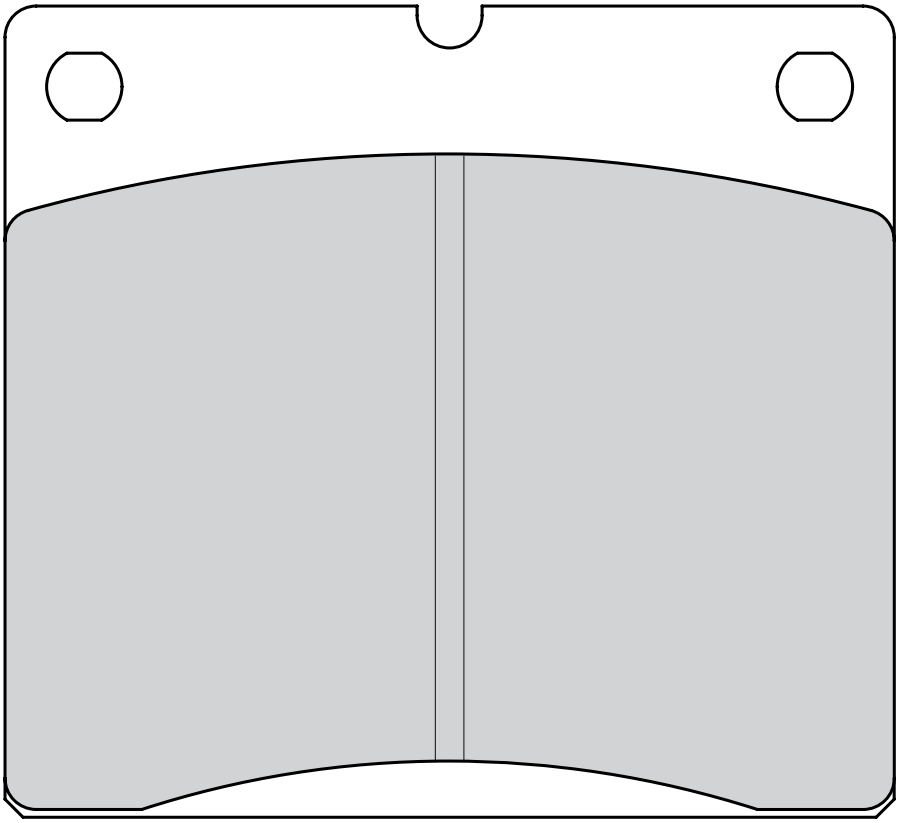
MAN L2000- Series
NEOPLAN All, Metroliner:
PERROT BREMSEN (WABCO) All
WABCO Wabco 1000 V-G



29 063 21,50 41 4

118 | 107 | 22 | BREMBO | -

MENARINI All

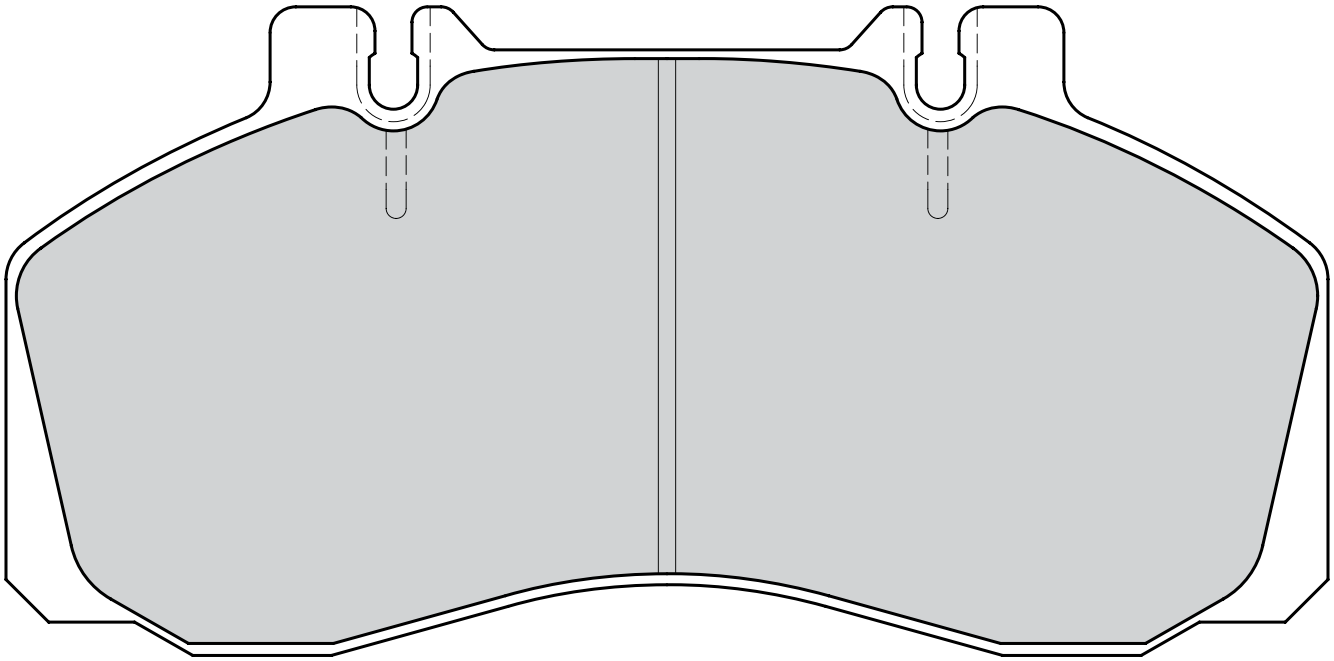


29 065 22,00 40 4

175 | 86 | 22 | MERITOR 2X60 | -

IVECO Eurocargo

RENAULT TRUCKS Midliner/S Series

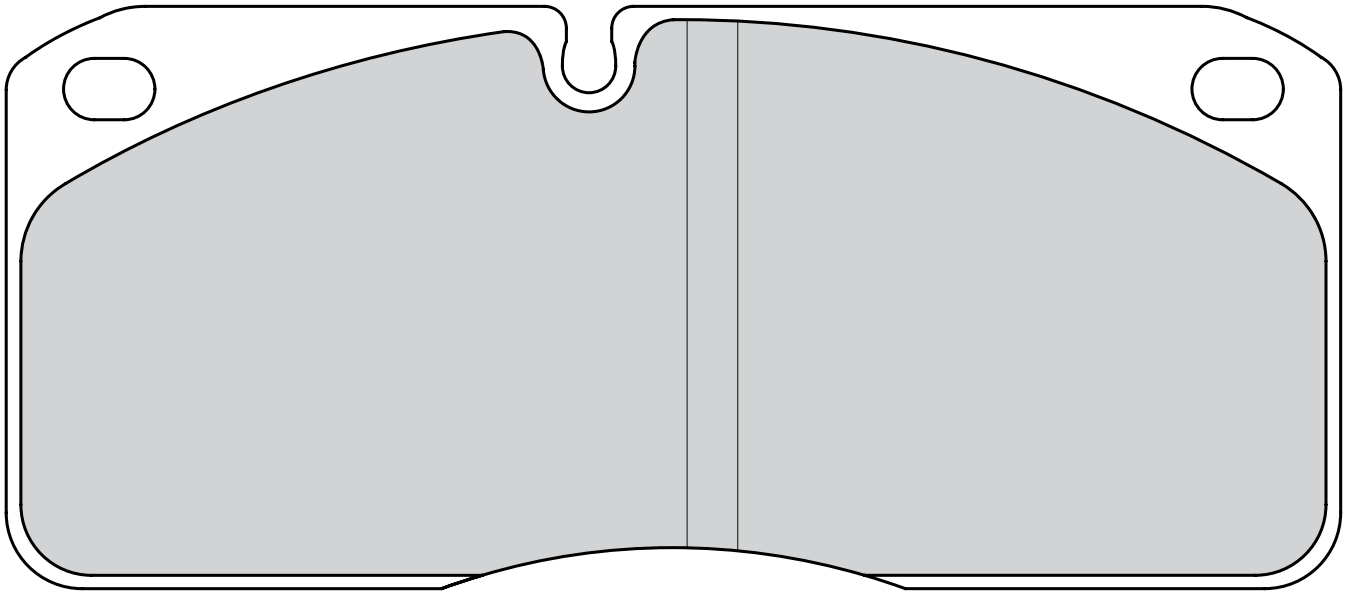


29 067 22,00 40 4

176 | 79 | 22 | MERITOR 2X68 | -

IVECO Cargo Plus, Eurocargo, Eurocargo Tector, Z-Series:

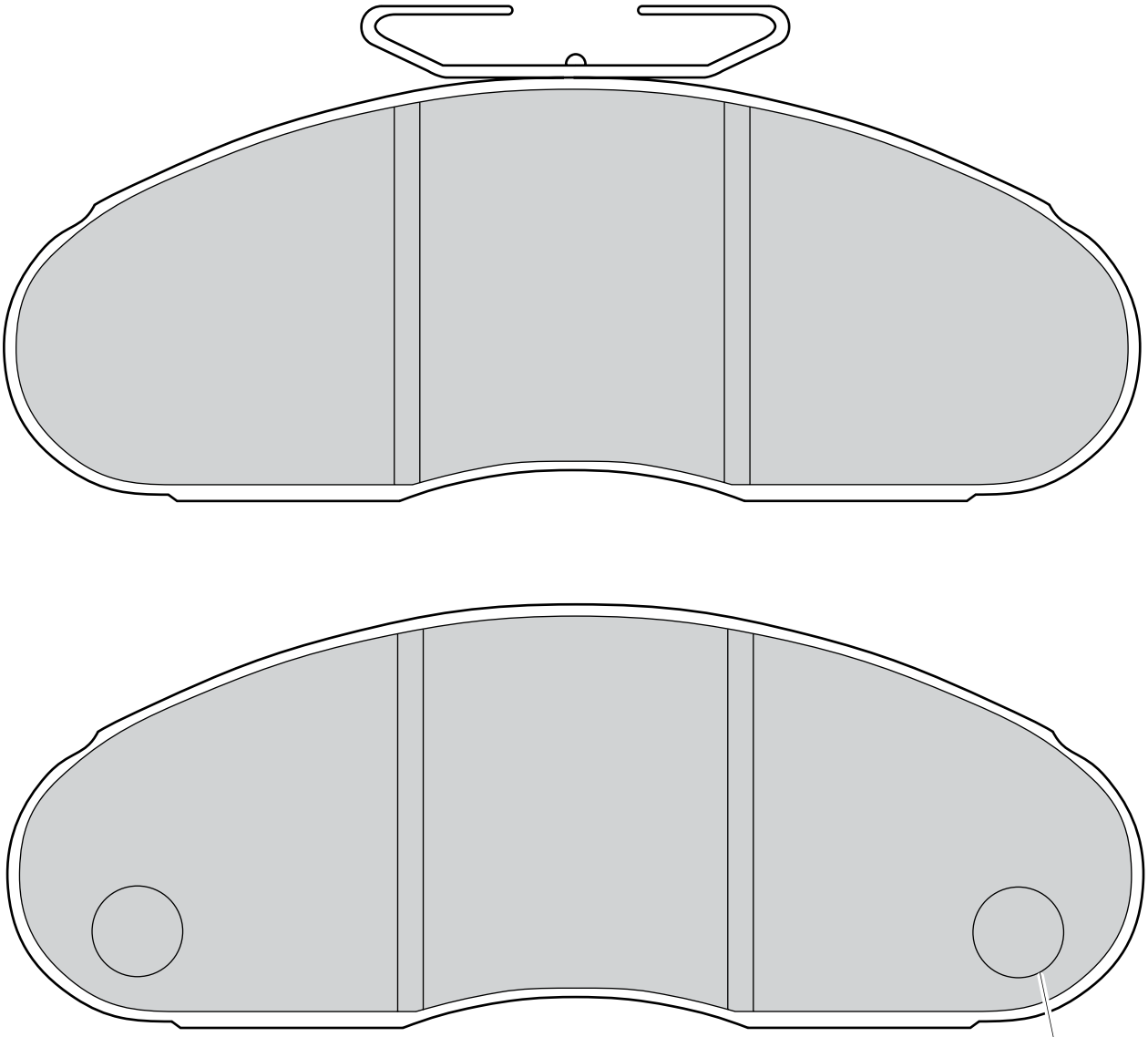
RENAULT TRUCKS Midliner/S Series



29 071 17,00 40 3* / FCV627

168 | 62 | 17 | ALLIED SIGNAL PL2 | -

RENAULT TRUCKS B Series



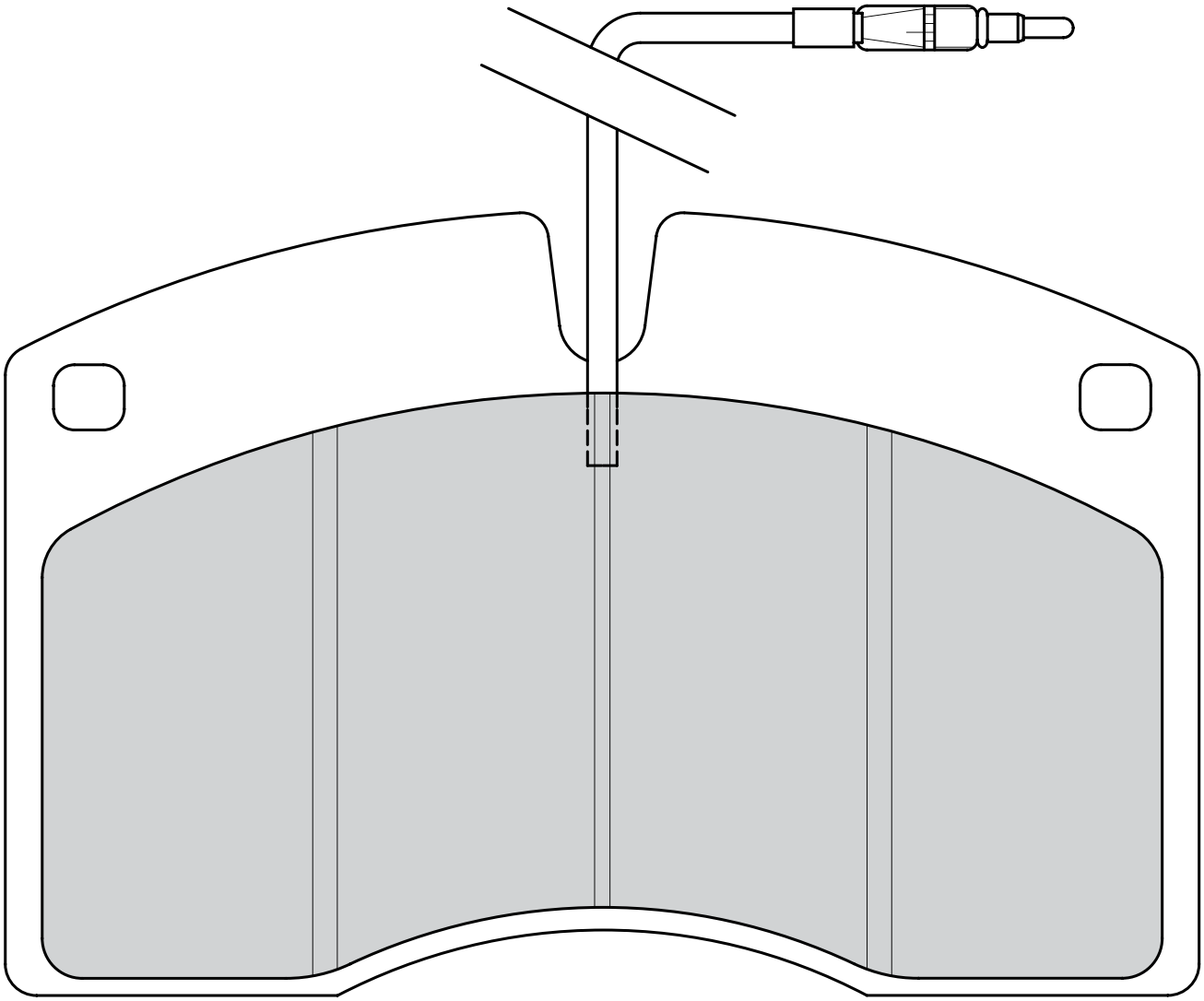
BERAL®

29 072 19,20 41 8

170 | 111 | 19 | BREMBO | PLUGGED-IN (8)

MENARINI All

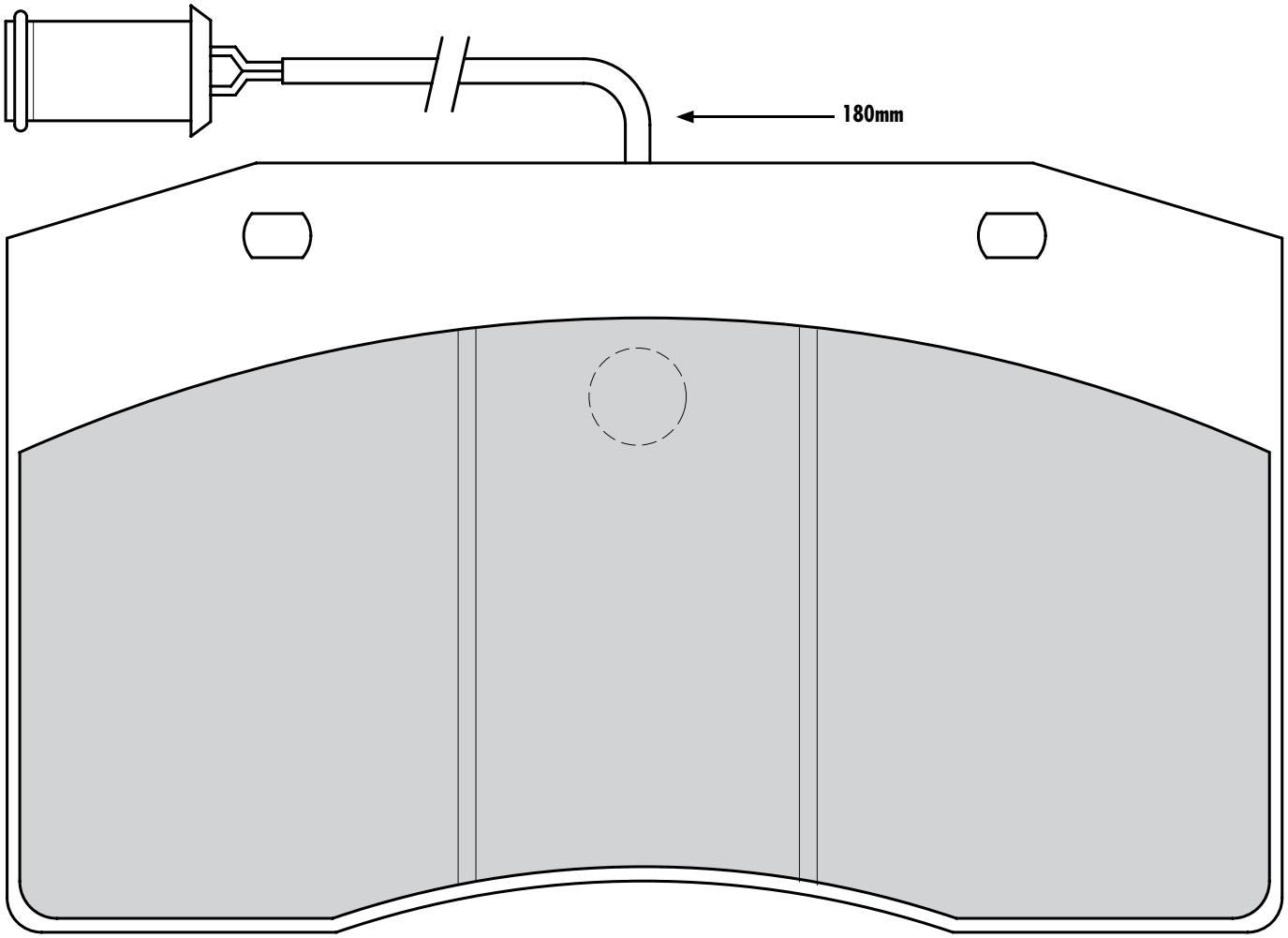
RENAULT BUS R312



29 075 20,00 41 6* / FCV801

180 | 106 | 20 | BREMBO | PLUGGED-IN (2)

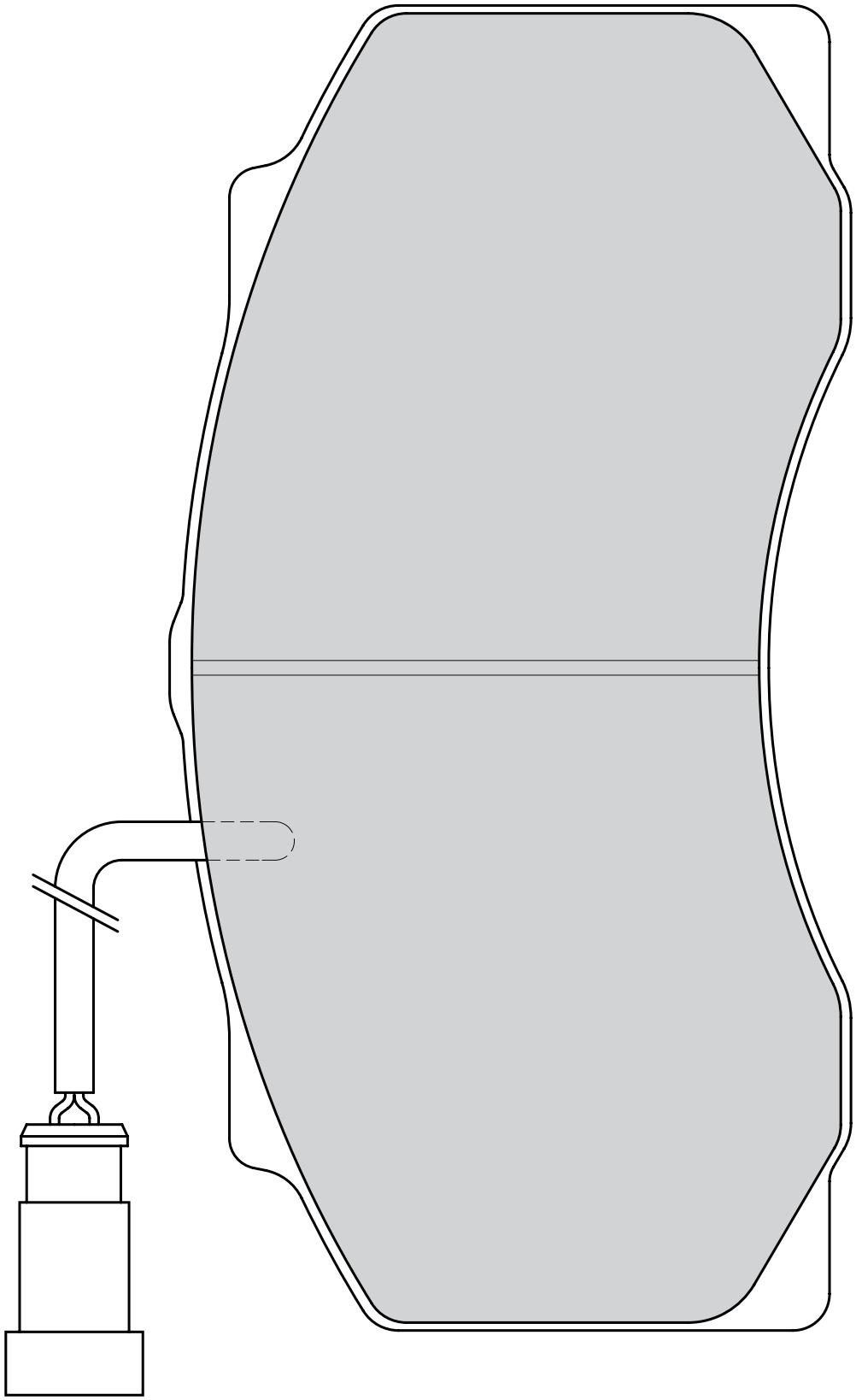
IRISBUS Iveco 370, Iveco 380, Iveco 391 E- 393E - 397E, Iveco Euroclass



29 077 27,00 40 3

205 | 106 | 27 | WABCO 1600 V-G | FITTED (2)

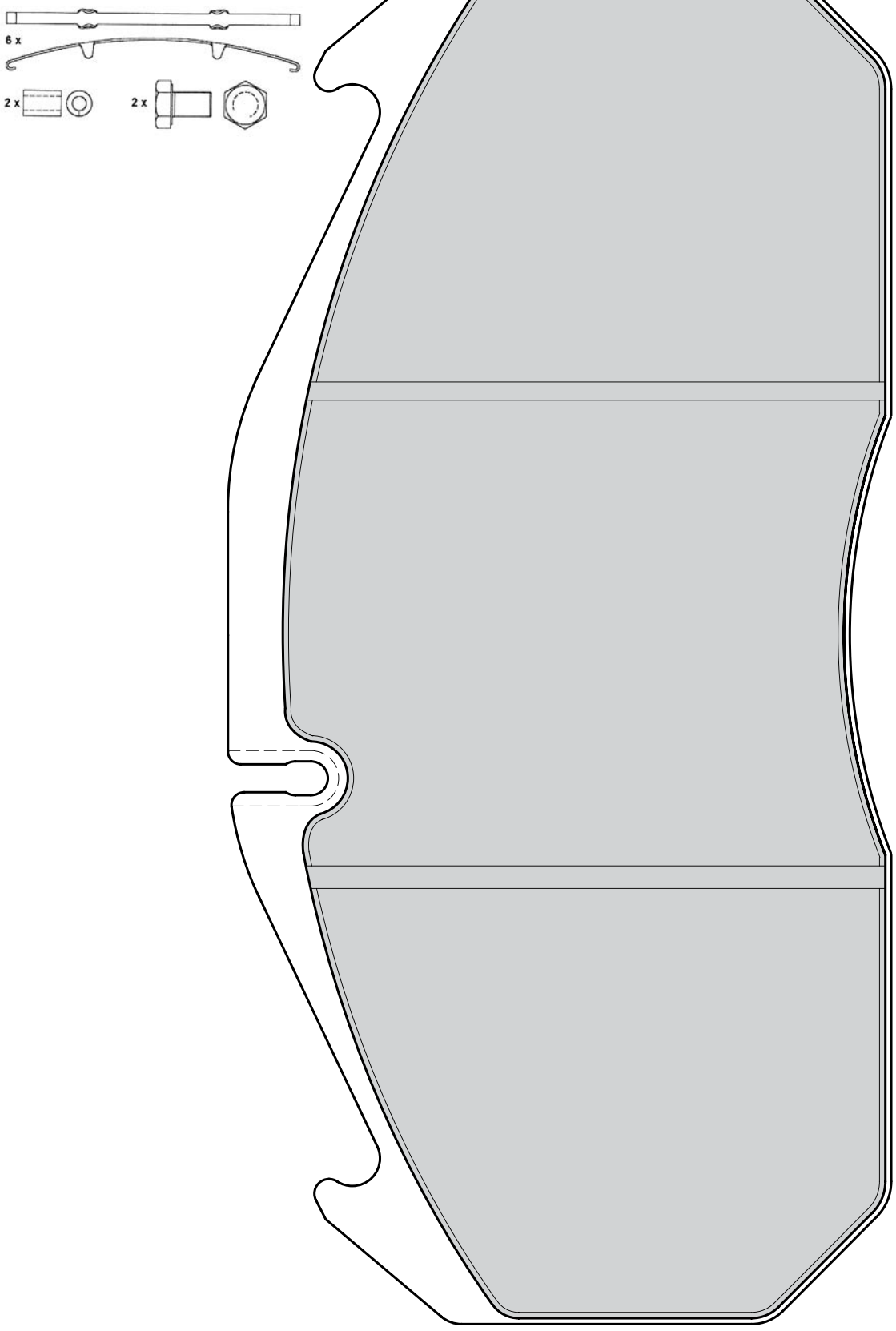
DAF F 50 Series, F 55 Series
PERROT BREMSEN (WABCO) All
WABCO Wabco 1600 V-G



29 083 28,00 41 4

250 | 118 | 28 | MERITOR D3 | -

MERCEDES-BENZ Integro O 550:, O 340/350 - O 404, Tourismo (O 350)
MERITOR All

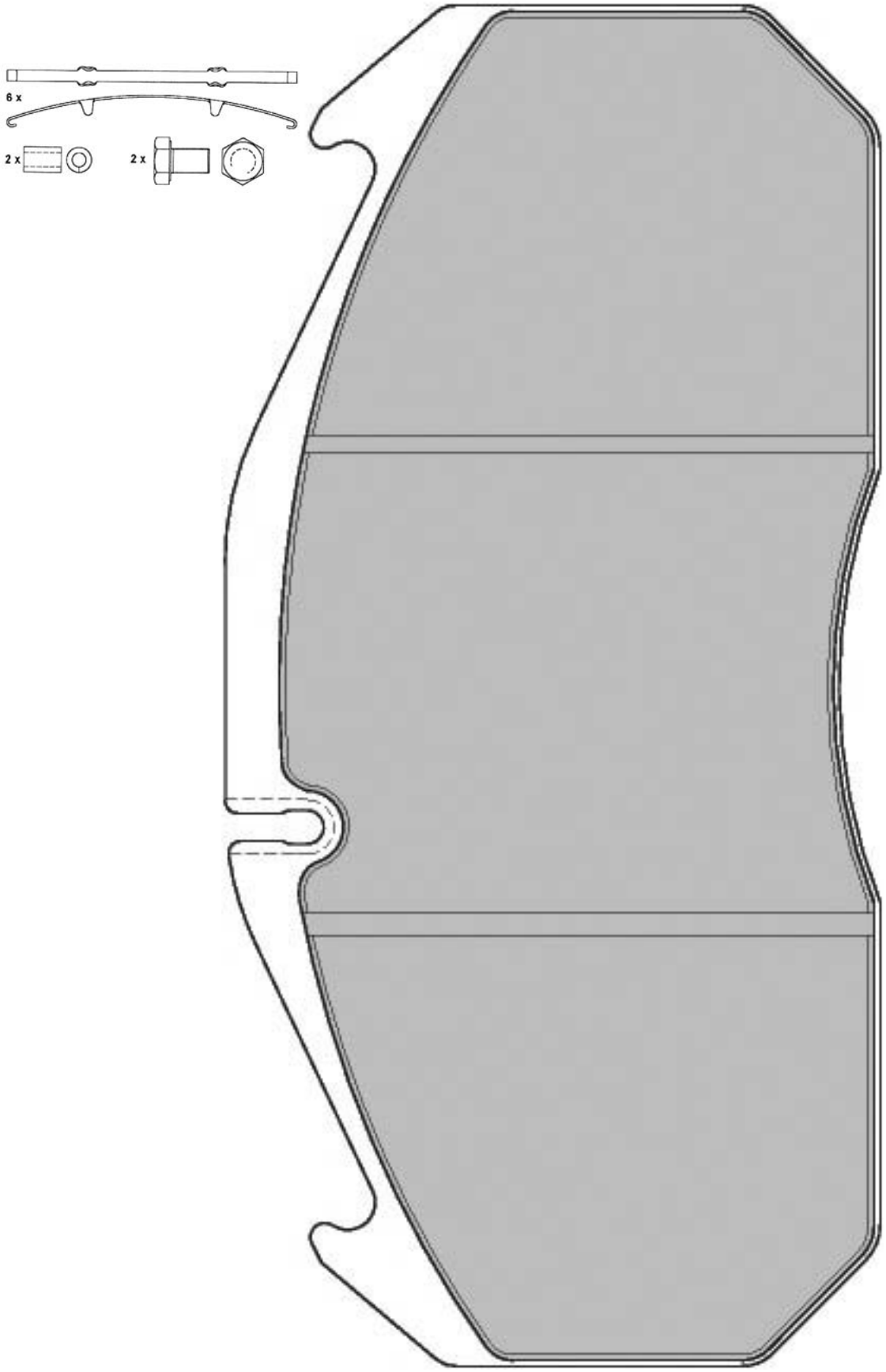


BERAL®

29 083 28,00 42 4

250 | 118 | 28 | MERITOR D3 | - | 2 X HEATSHIELDS INCLUDED

MERCEDES-BENZ Integro O 550:, O 340/350 - O 404, Tourismo (O 350)
MERITOR All

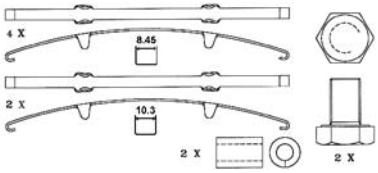


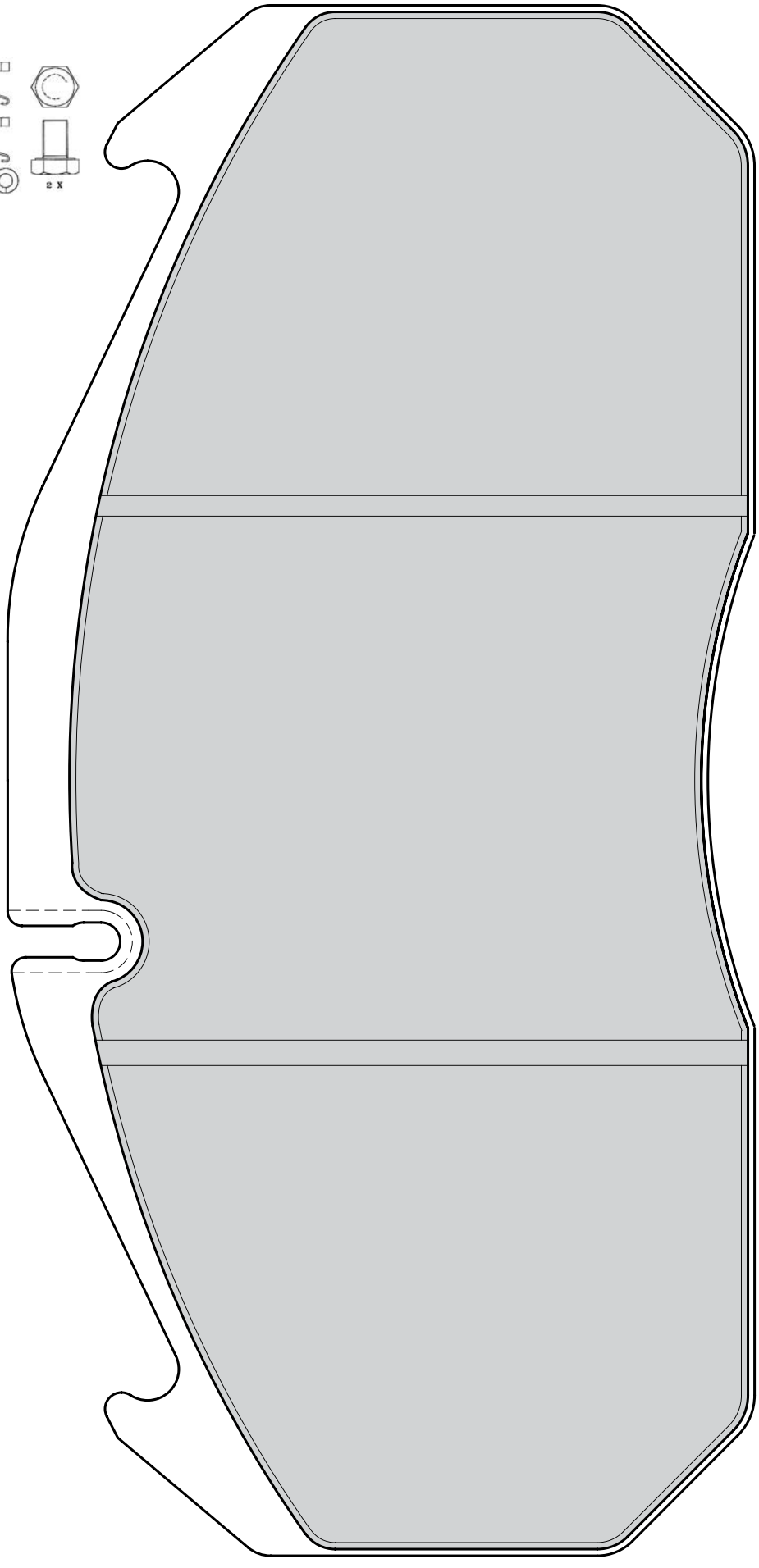
29 084 30,00 41 4

250 | 118 | 30 | MERITOR | -

MERCEDES-BENZ Integro O 550:, O 340/350 - O 404, Tourismo (O 350)

MERITOR All



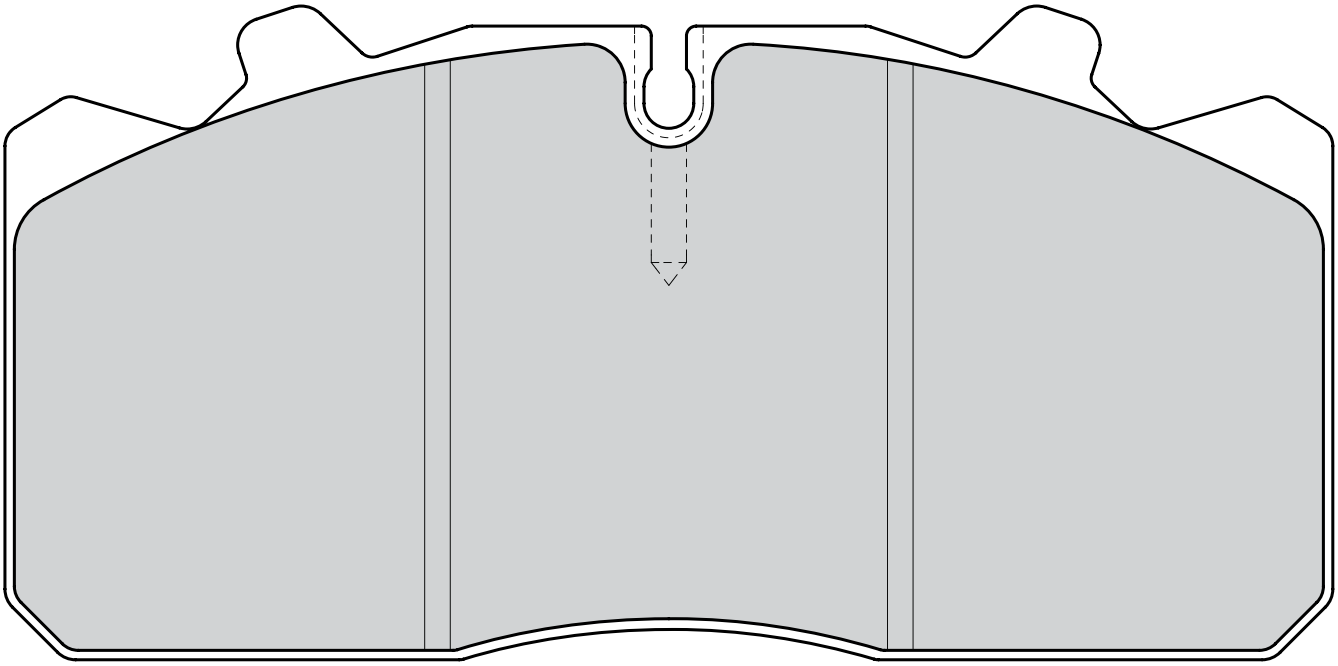


BERAL®

29 088 26,00 40 4

176 | 83 | 26 | WABCO PAN 17 | -

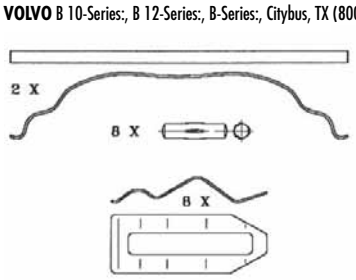
BMC 1100 Falcon
DAF LF 45
IVECO Eurocargo, Eurocargo Tector
MAN L2000- Series, L2000-Series (LE Evolution), M2000-L Series
OPTARE Solo
PERROT BREMSEN (WABCO) All
RENAULT TRUCKS Midlum Series
WABCO PAN17

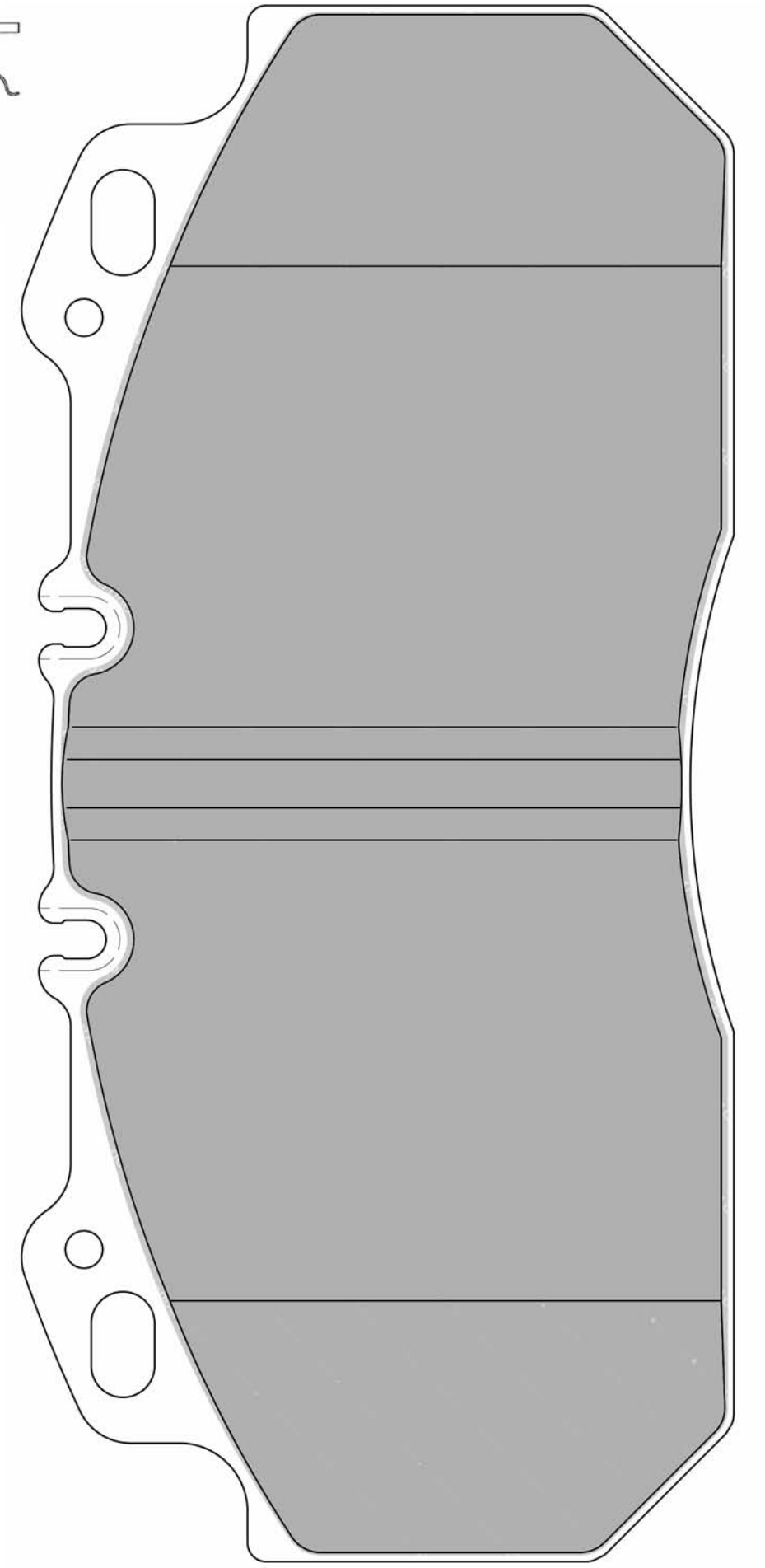


29 090 28,00 41 4

250 | 114 | 28 | MERITOR D-LISA | *

BERKHOF PSV Axial 50, Radial, Radial+D361 **CAETANO PSV** Enigma 12m, Porto 12m **DENNIS** Arrow, Eagle, Elite, Fire Engines, Javelin Coach
IRISBUS Agora, Citelis, Citybus, Heuliez GX217, Heuliez GX317, Heuliez GX417 **MERITOR** All **RENAULT TRUCKS** Magnum/AE Series, Premium Distribution, Premium Route **VAN HOOL** All
VOLVO B 10-Series:, B 12-Series:, B-Series:, Citybus, TX (8000.9000)



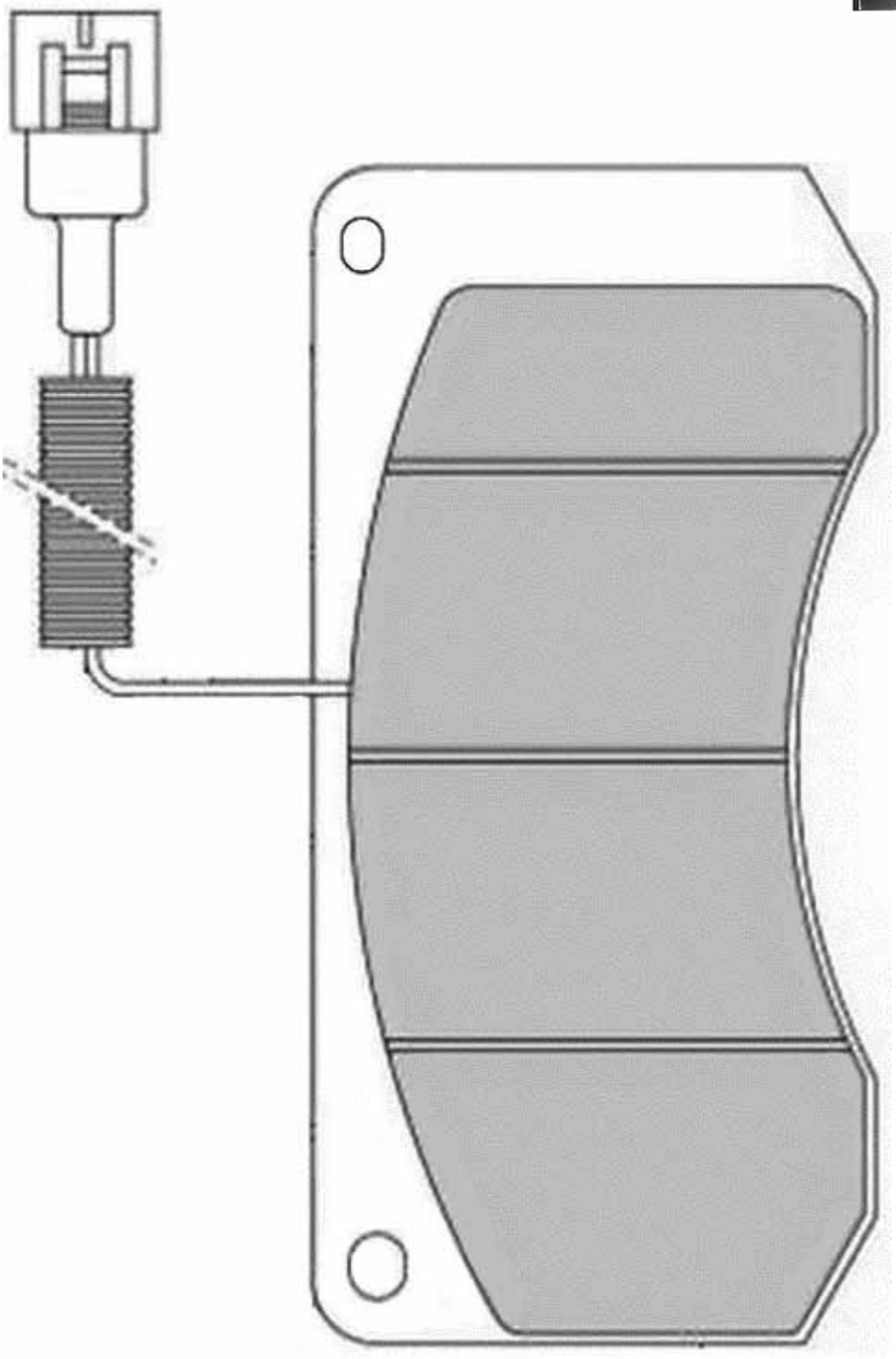


BERAL®

29 097 20,50 41 5* / FCV1046

180 | 86 | 21 | S.E.E. 2 X 67 | FITTED (4)

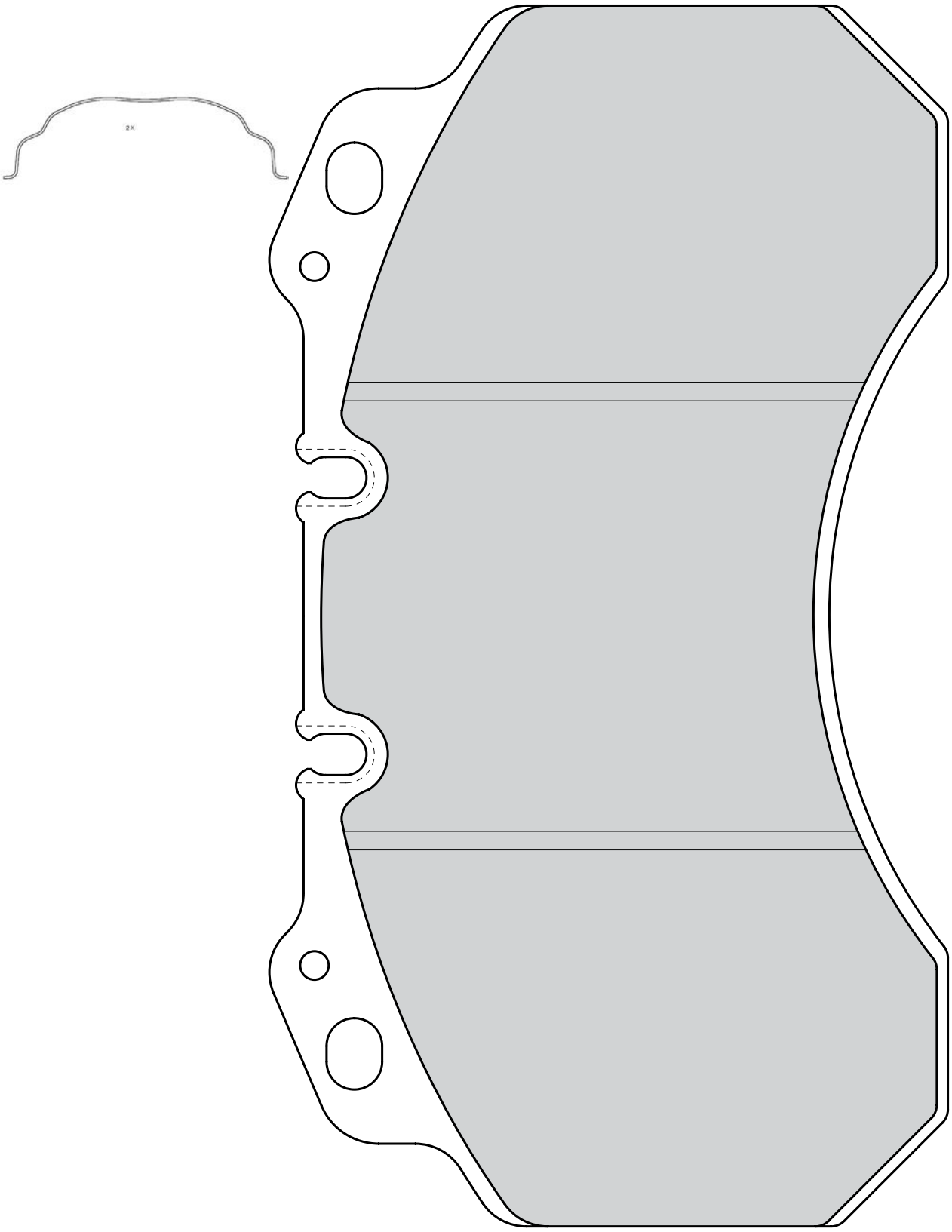
RENAULT TRUCKS Midliner/C Series, Midliner/M Series, Midliner/S Series



29 099 25,00 41 4

214 | 112 | 25 | MERITOR C-LISA | -

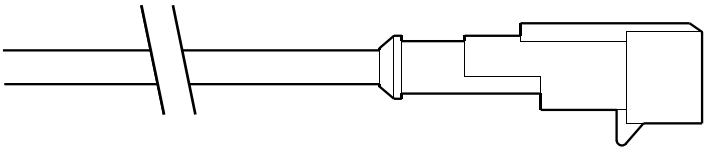
NISSAN Eco-T / Atleon Range

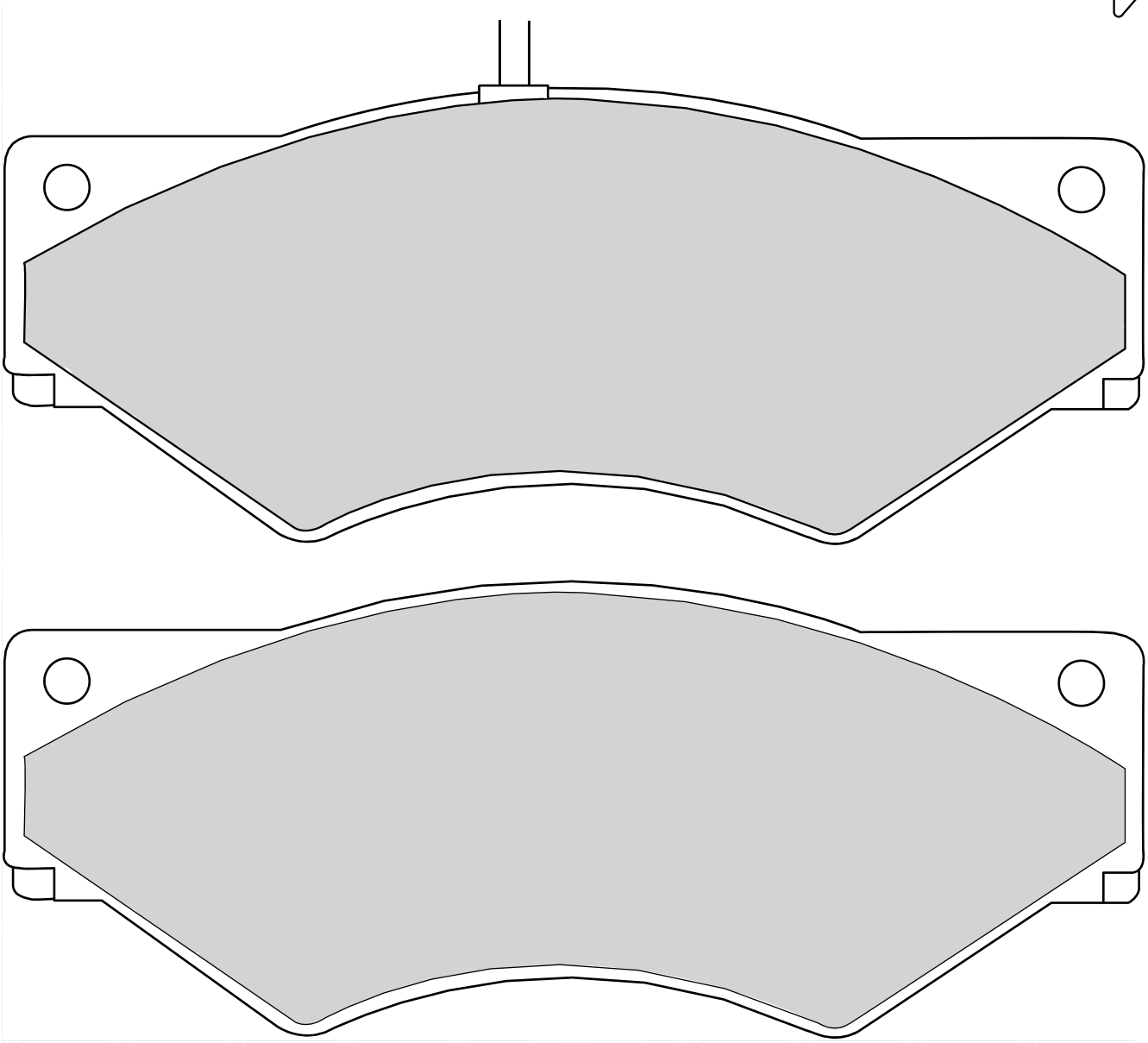


29 107 20,00 41 3* / FVR1350

175 | 70 | 20 | PERROT | 2M

IVECO Daily I

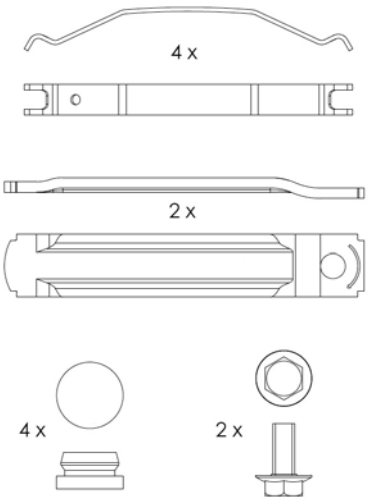


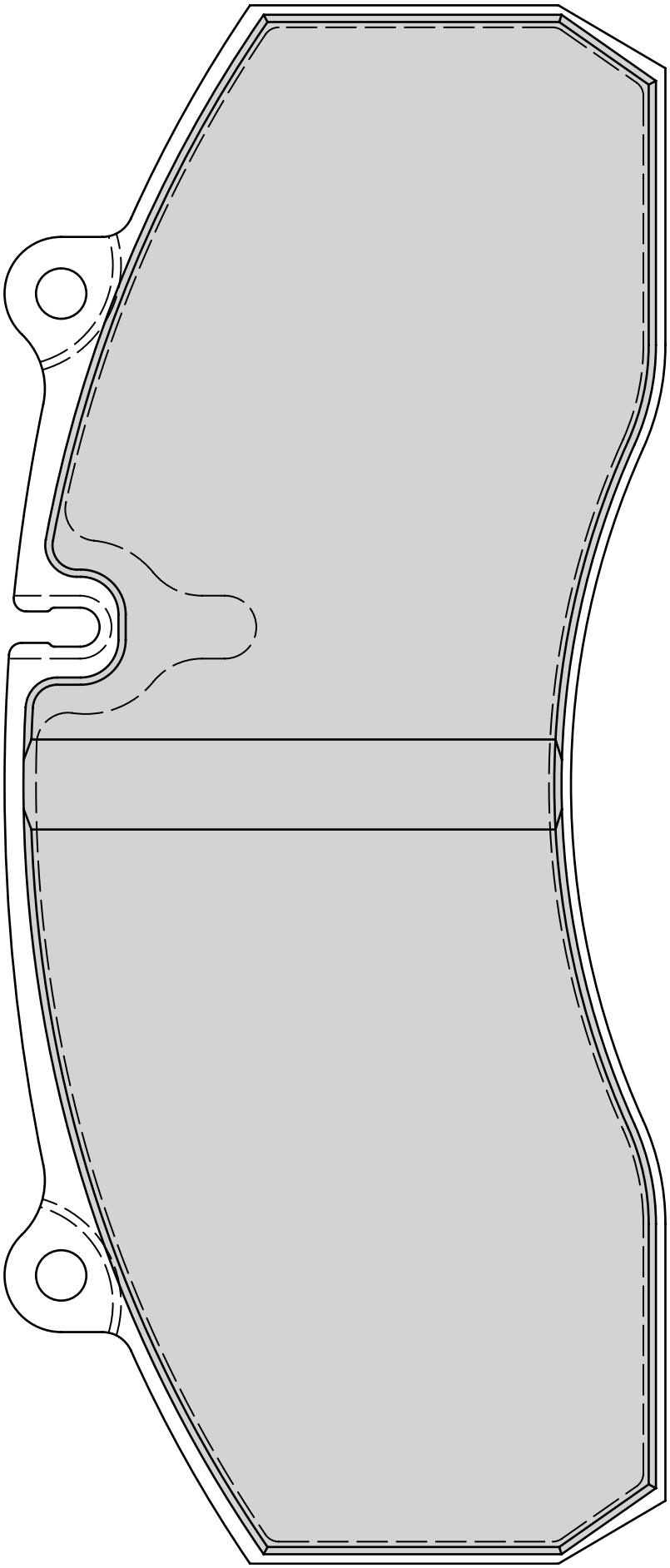


29 120 30,00 41 4

248 | 105 | 30 | HALDEX DB22 | -

DISCOS Trailer
GIGANT GROUP S.A.E. (Dupillier), SMB
HALDEX MK II, MKIII
SAF All



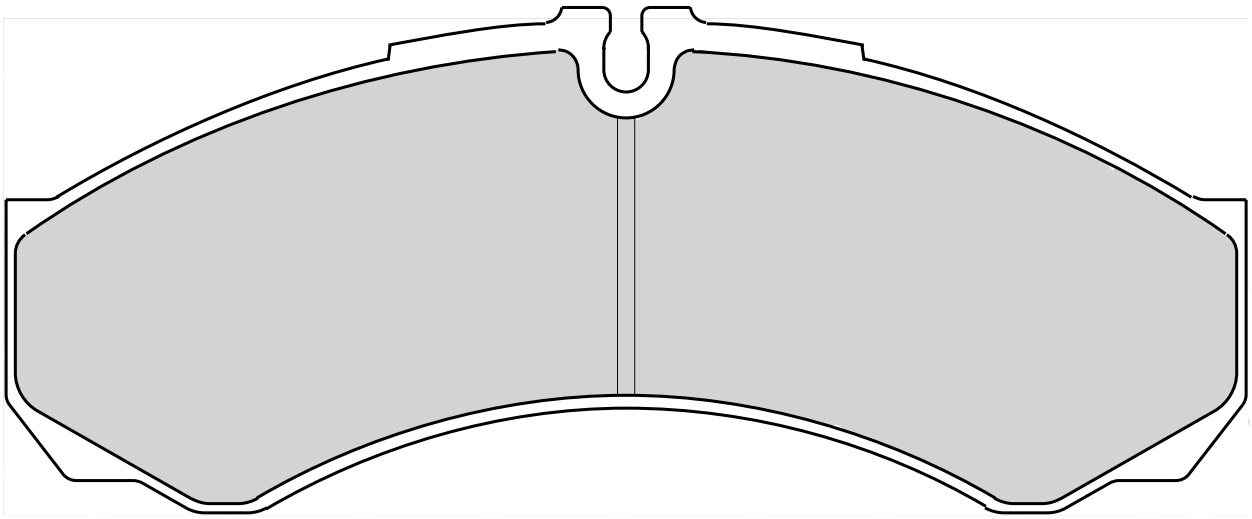


BERAL®

29 121 17,30 41 4

165 | 66 | 18 | BREMBO | -

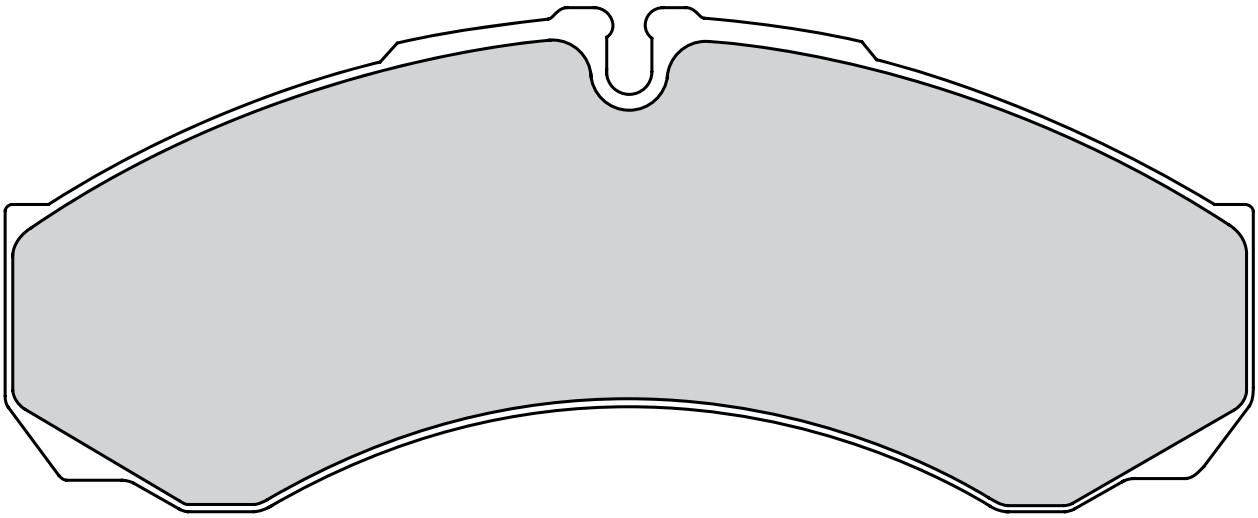
IVECO Daily II



29 121 20,30 41 4

165 | 66 | 20 | BREMBO | -

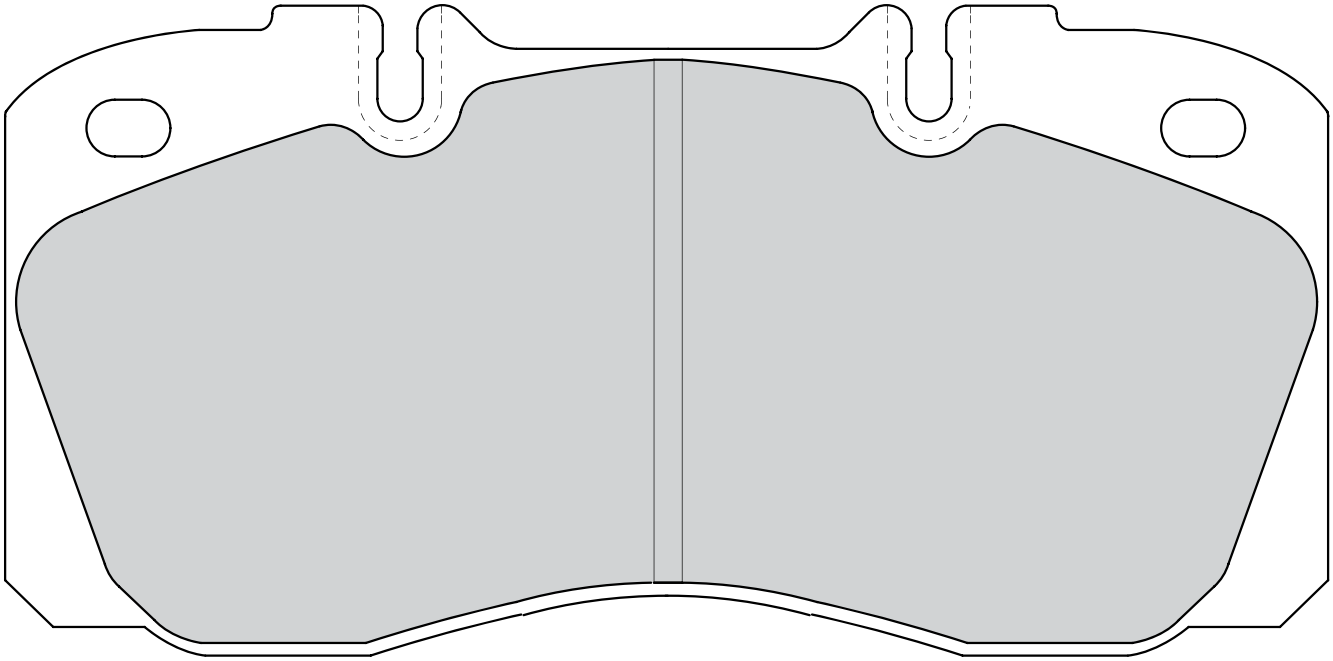
IVECO Daily I, Daily II
OPTARE Alero
RENAULT Mascott



29 122 22,00 40 4

175 | 86 | 22 | BREMBO 2 X 68 | -

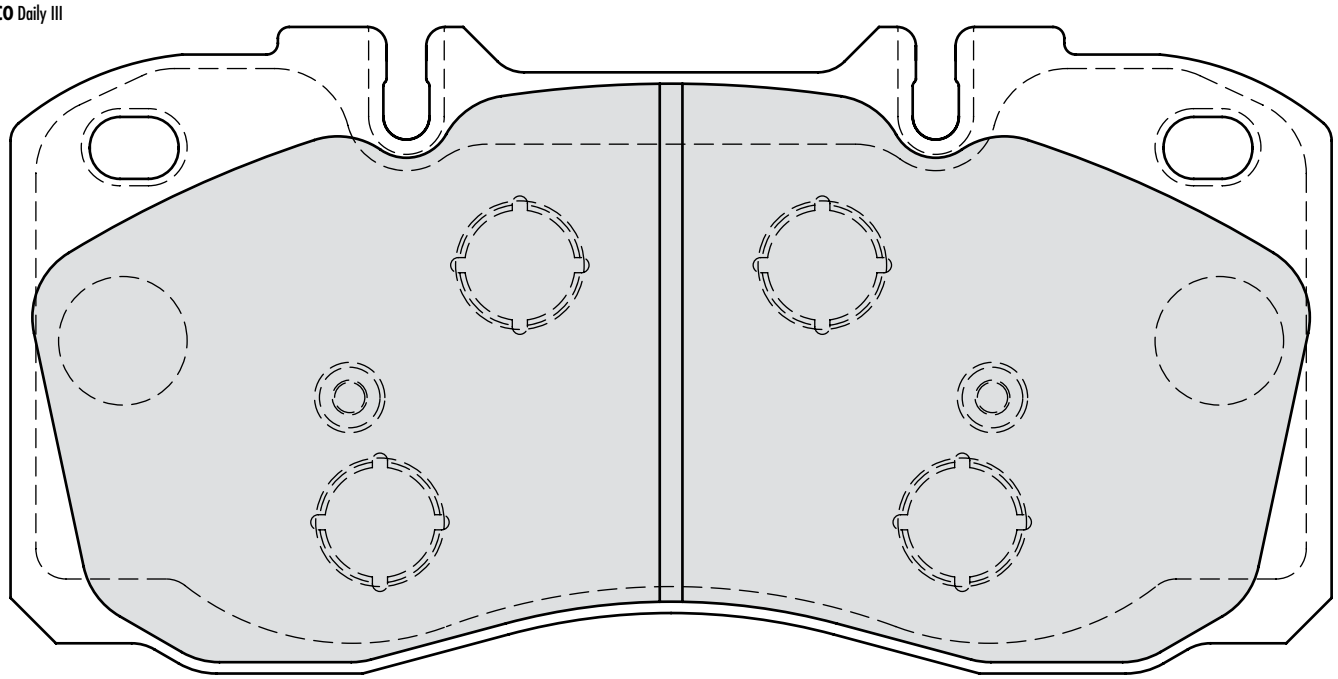
IVECO Cargo Plus, Eurocargo, Eurocargo Tector



29 122 22,00 41 4

174.8 | 85.5 | 22.1 | BREMBO | -

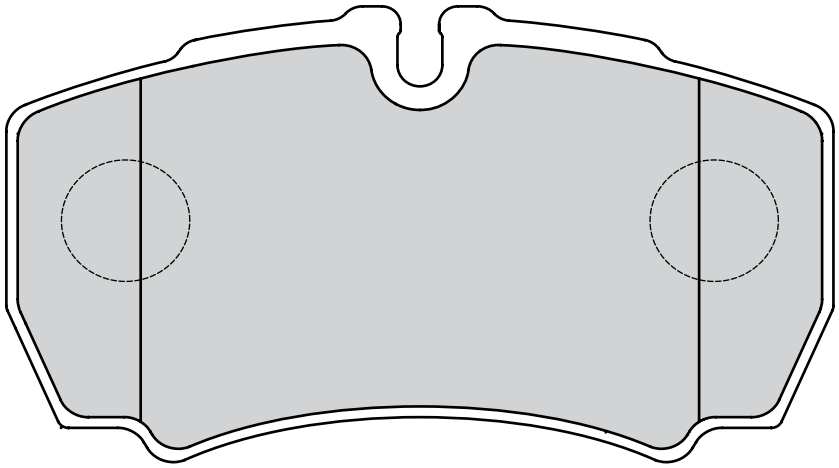
IVECO Daily III



29 123 20,00 41 4

109.8 | 63.5 | 20 | BREMBO | -

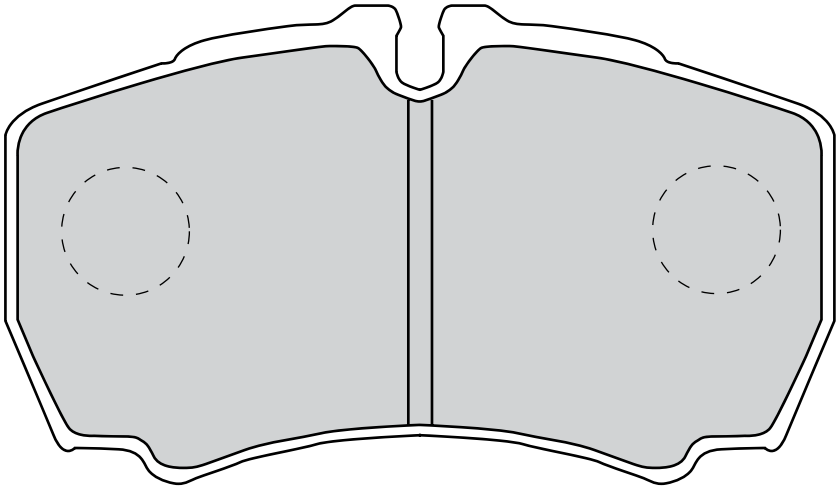
IVECO Daily III



29 123 20,30 40 4

107 | 61 | 20 | BREMBO | -

IVECO Daily II

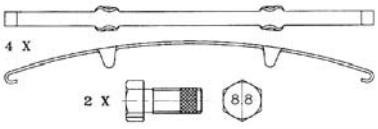


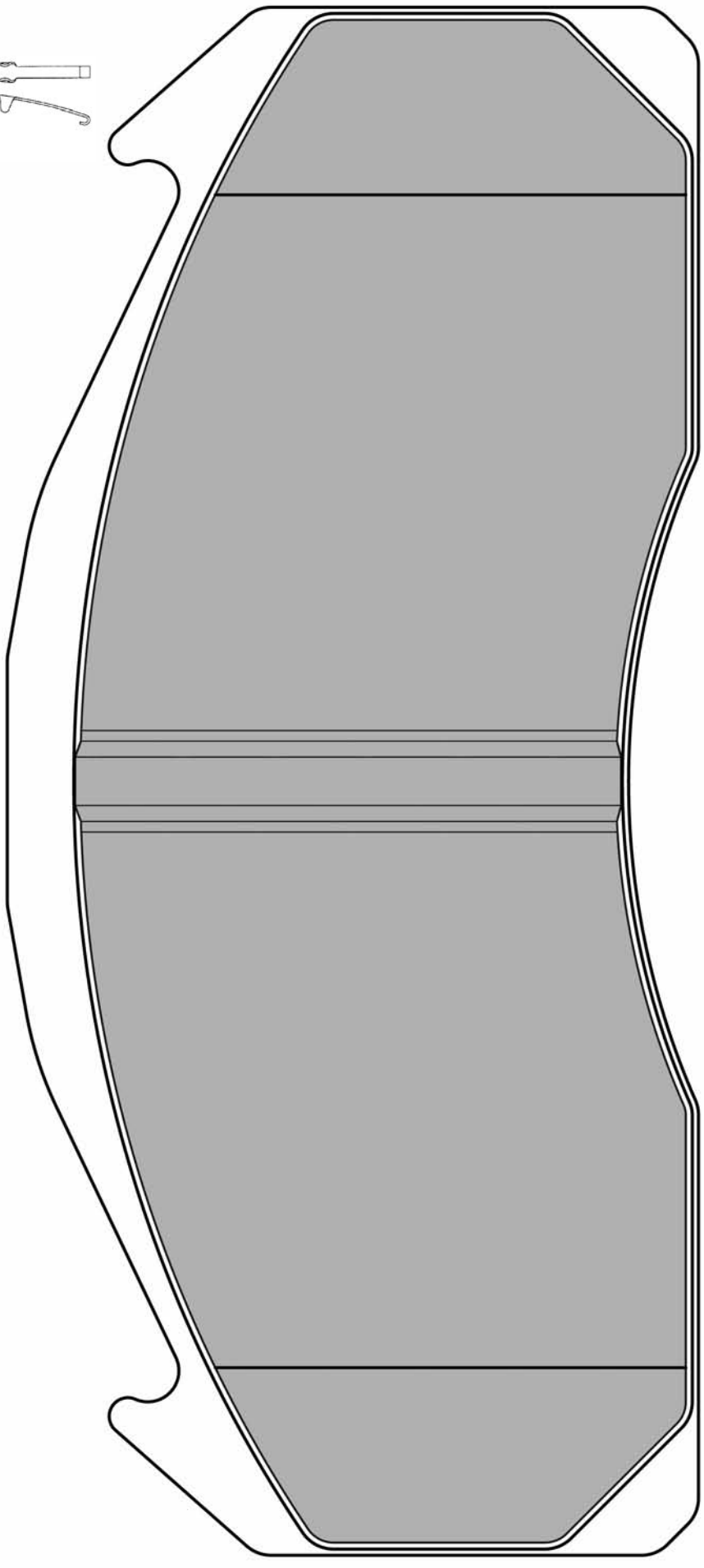
29 125 29,00 41 4

250 | 111 | 29 | MERITOR D-DUCO | -

MERITOR All

VOLVO FH-Series:, FL 6-Series:, FLE, FM Series, TX (8000.9000)





BERAL®

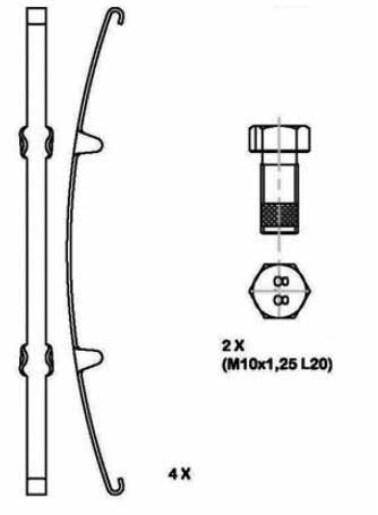
29 137 29,00 41 4

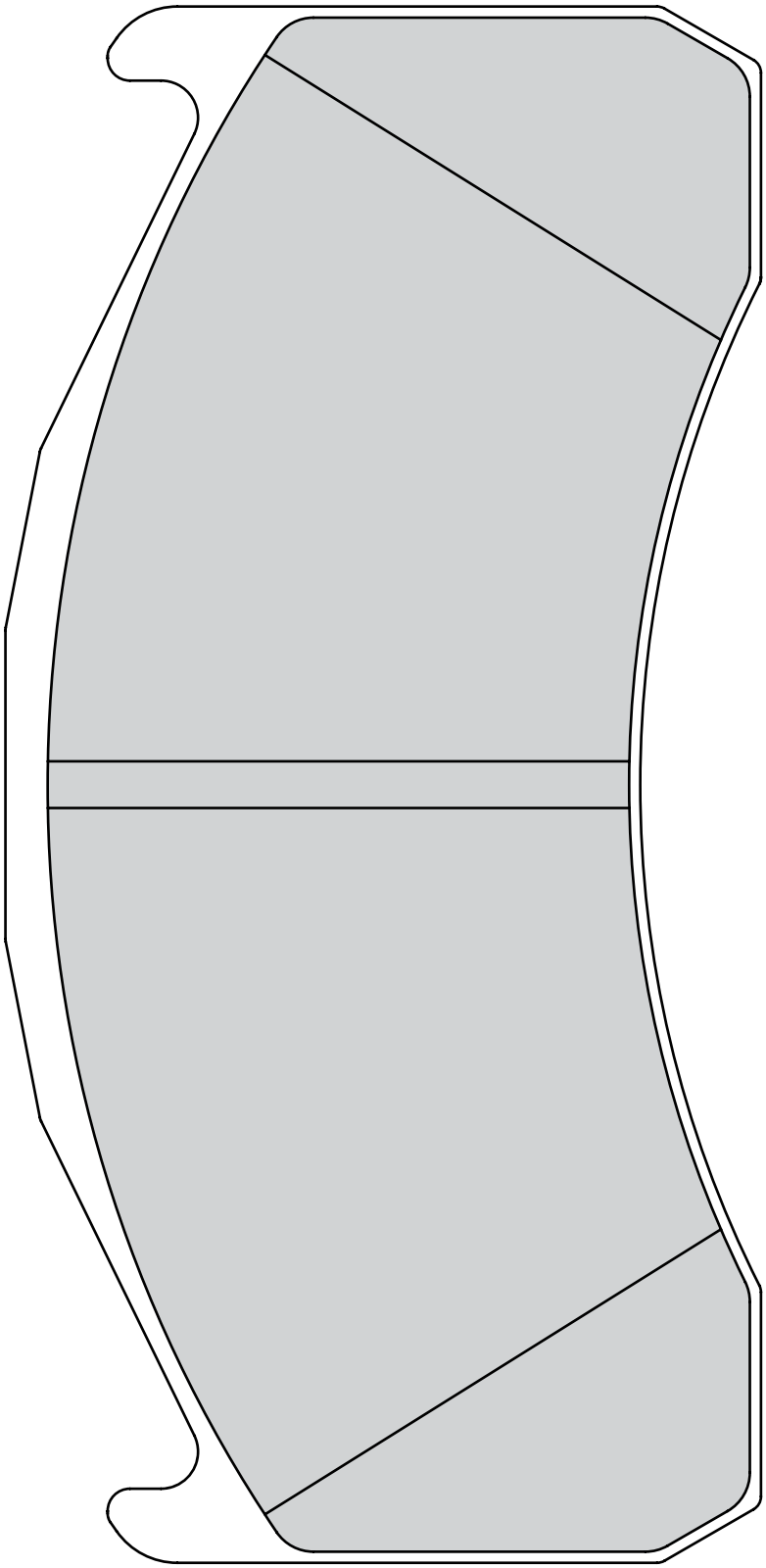
210 | 102 | 29 | MERITOR C- DUCO | -

MERITOR All

SOR SOR 10.5, SOR 9.5

VOLVO FL 6-Series:

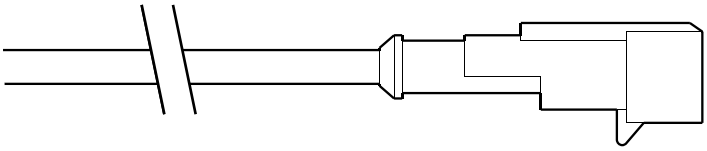


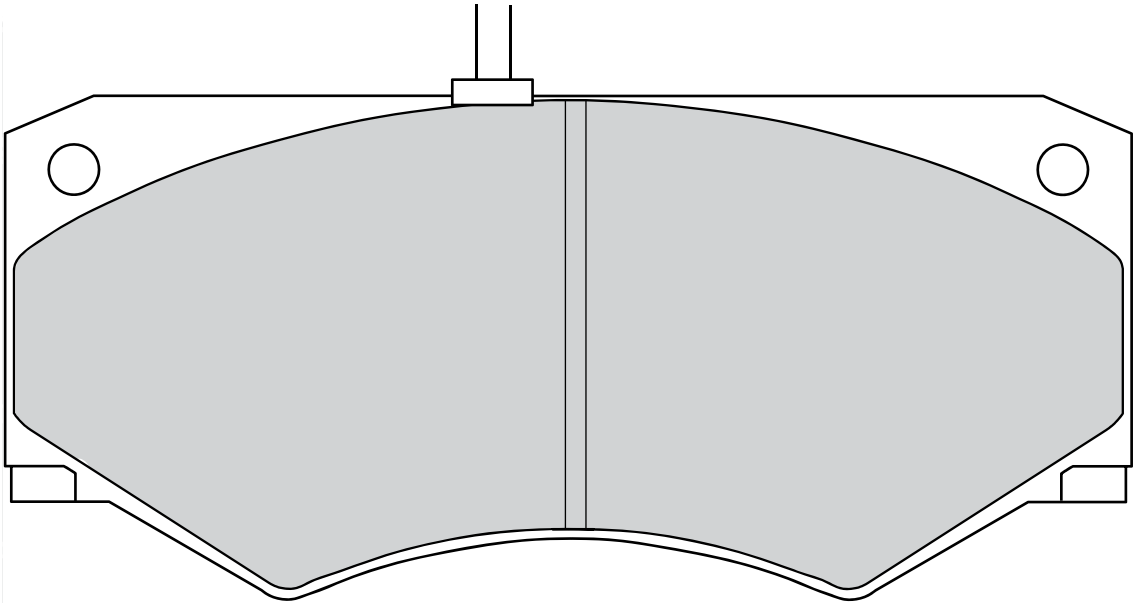


29 138 18,00 41 3* / FVR1351

149 | 69 | 18 | WABCO | 2M

IVECO Daily I
OPTARE Alero



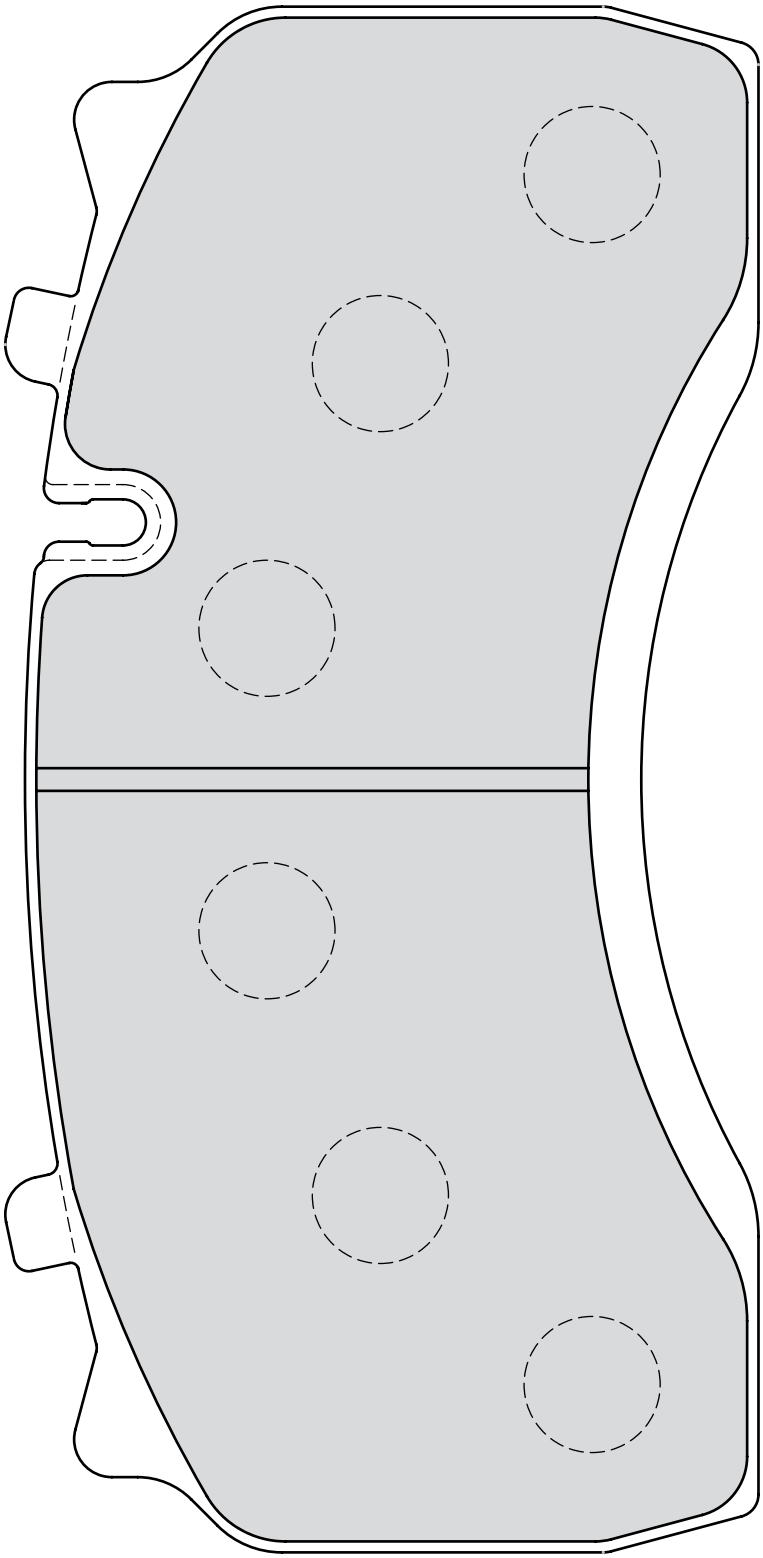


BERAL®

29 142 30,00 40 4

204.6 | 99.6 | 30 | WABCO PAN 19-2 | -

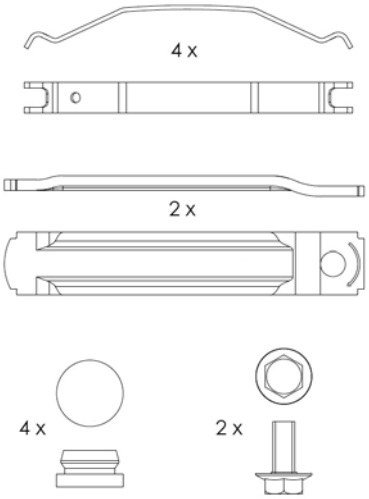
DAF LF 55
RENAULT TRUCKS Midlum Series
SAMRO Axles with Disc Brakes
WABCO PAN19-2

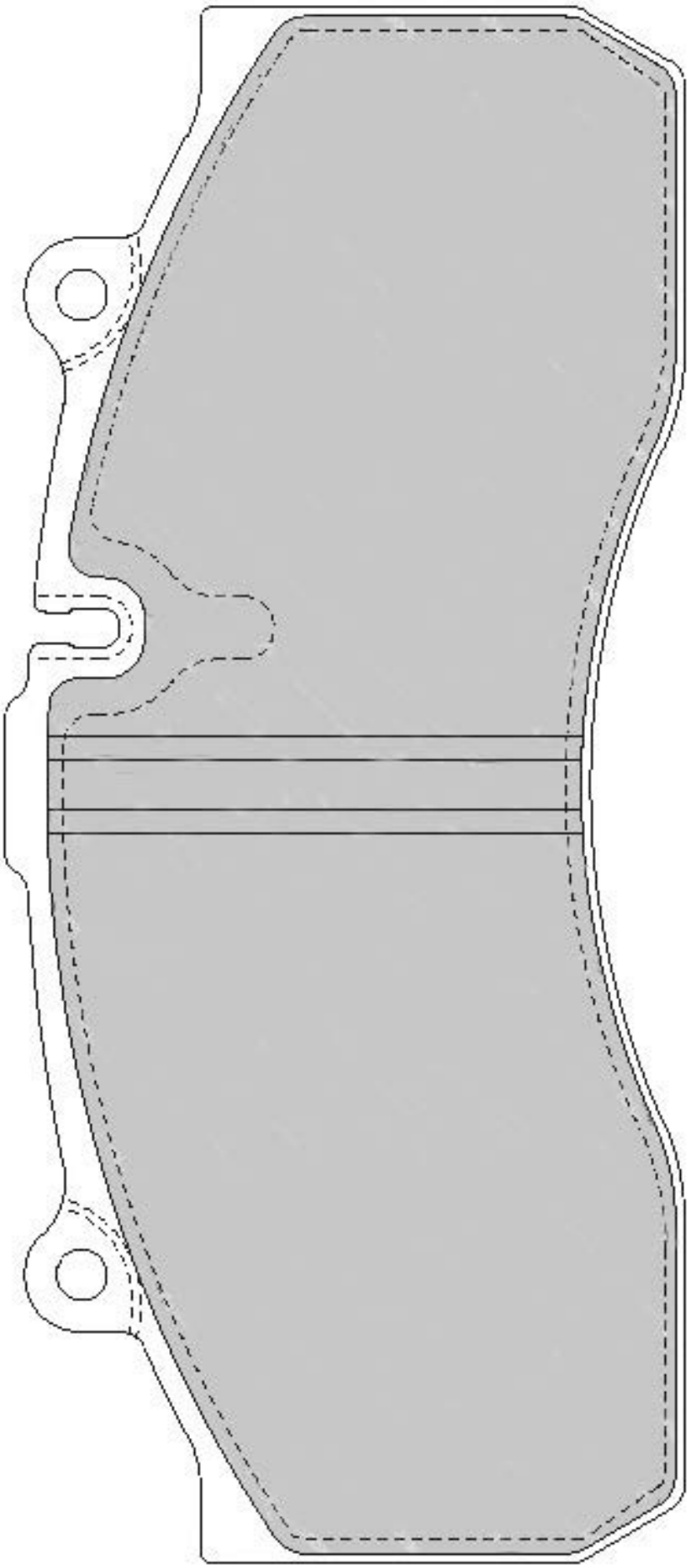


29 143 30,00 41 4

248 | 105 | 30 | HALDEX DB22 | -

CRANE FRUEHAUF All **DISCOS** Trailer
GIGANT GROUP S.A.E. (Dupillier), SMB **HALDEX** MKIV, ModulX **SAF** All



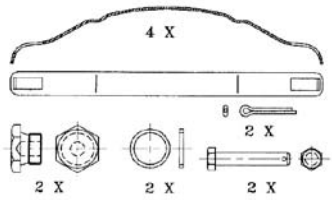


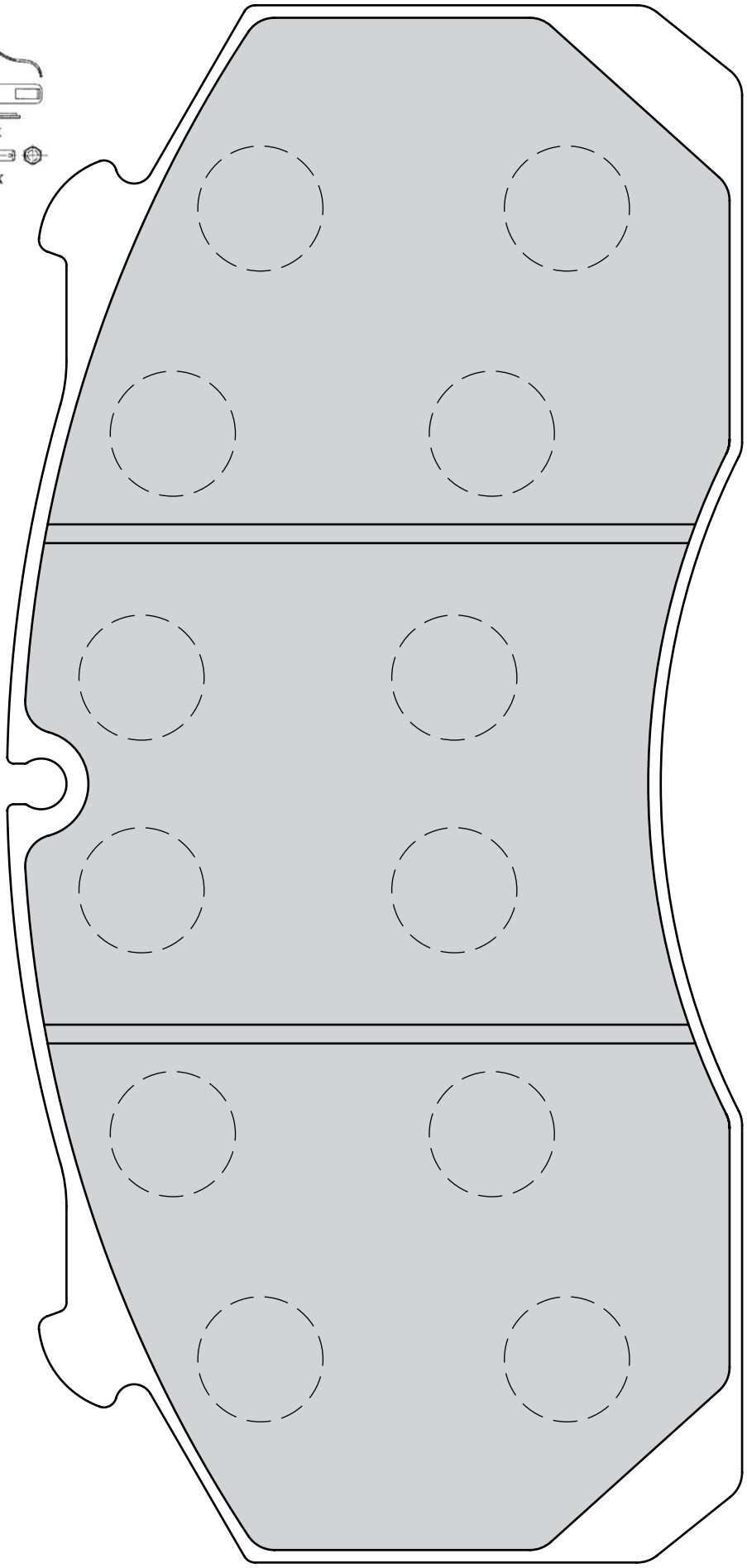
BERAL®

29 150 30,00 41 4

249 | 117.5 | 30 | MERITOR DX225 | -

DAF SB3000, SB4000 **DEN OUDSEN** Almere Bus
IRISBUS Iveco 491/591 **MENARINI** All **MERITOR** All

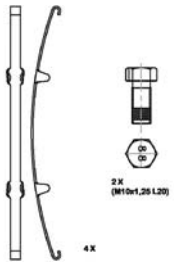


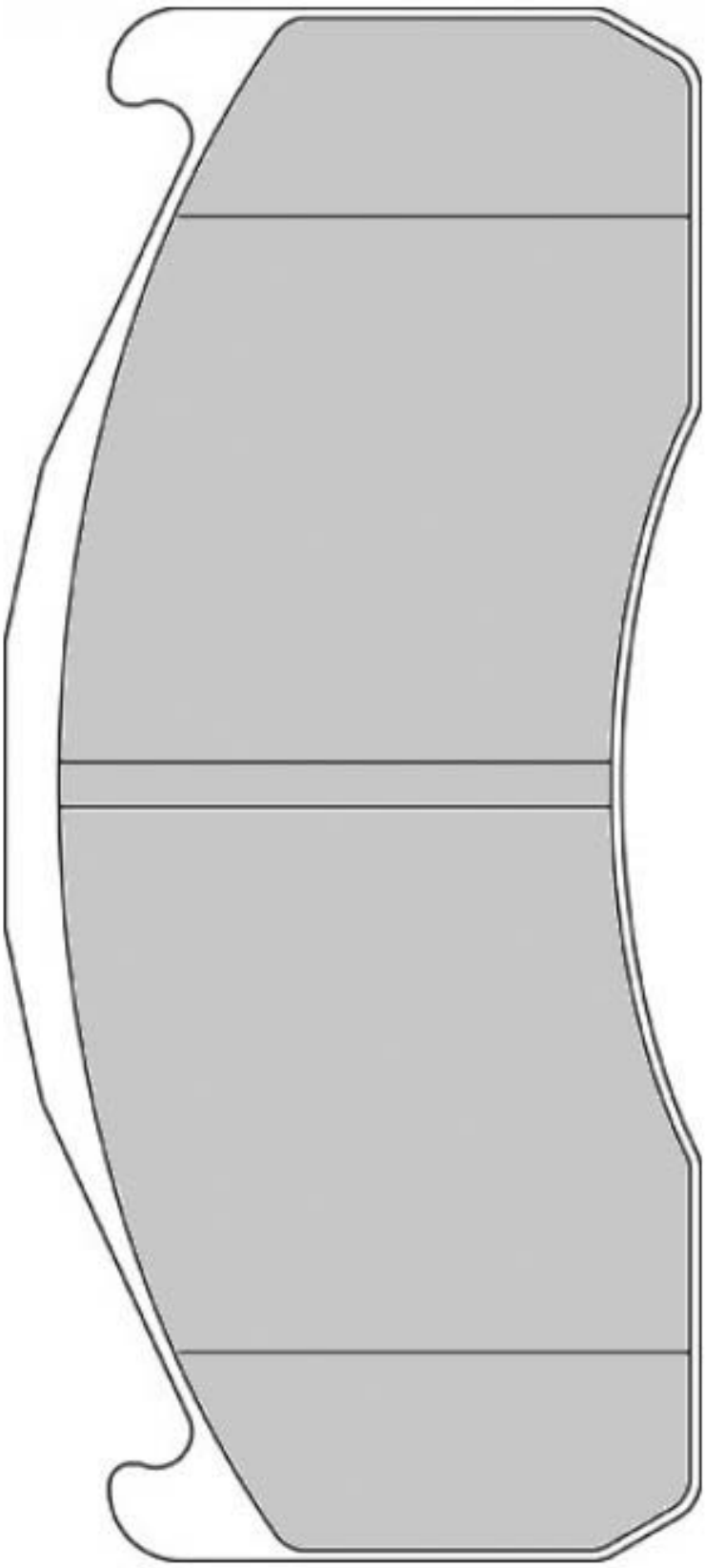


29 151 29,00 41 4

216 | 97 | 29 | MERITOR DLE-DUCO | -

VOLVO FH-Series:, FM Series



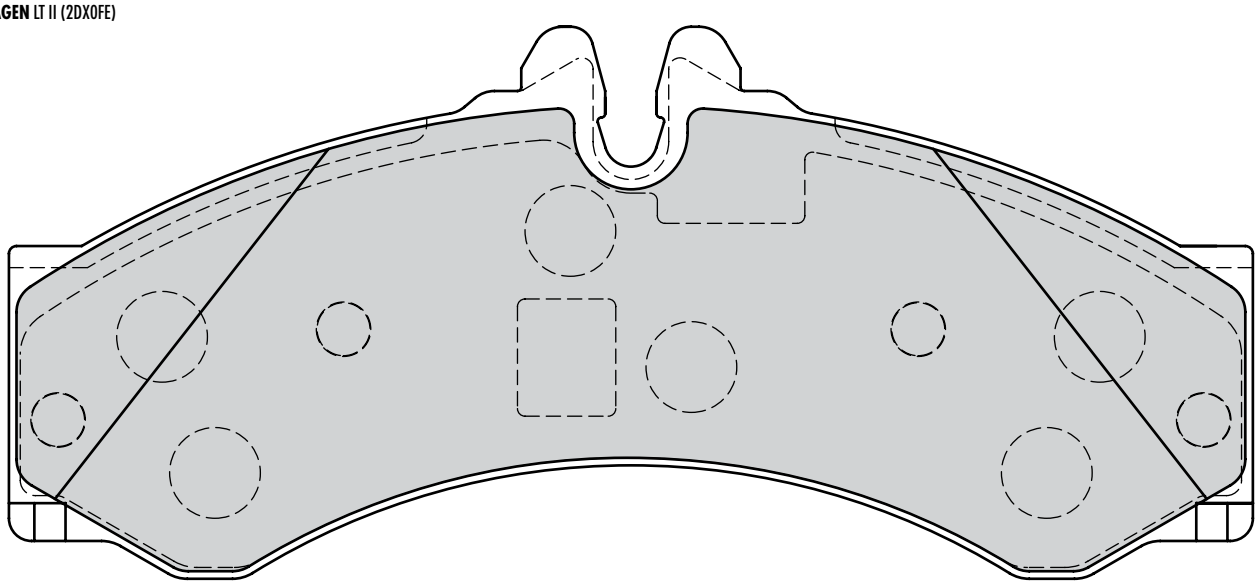


BERAL®

29 153 19,70 40 4

165 | 73 | 19,7 | PERROT | -

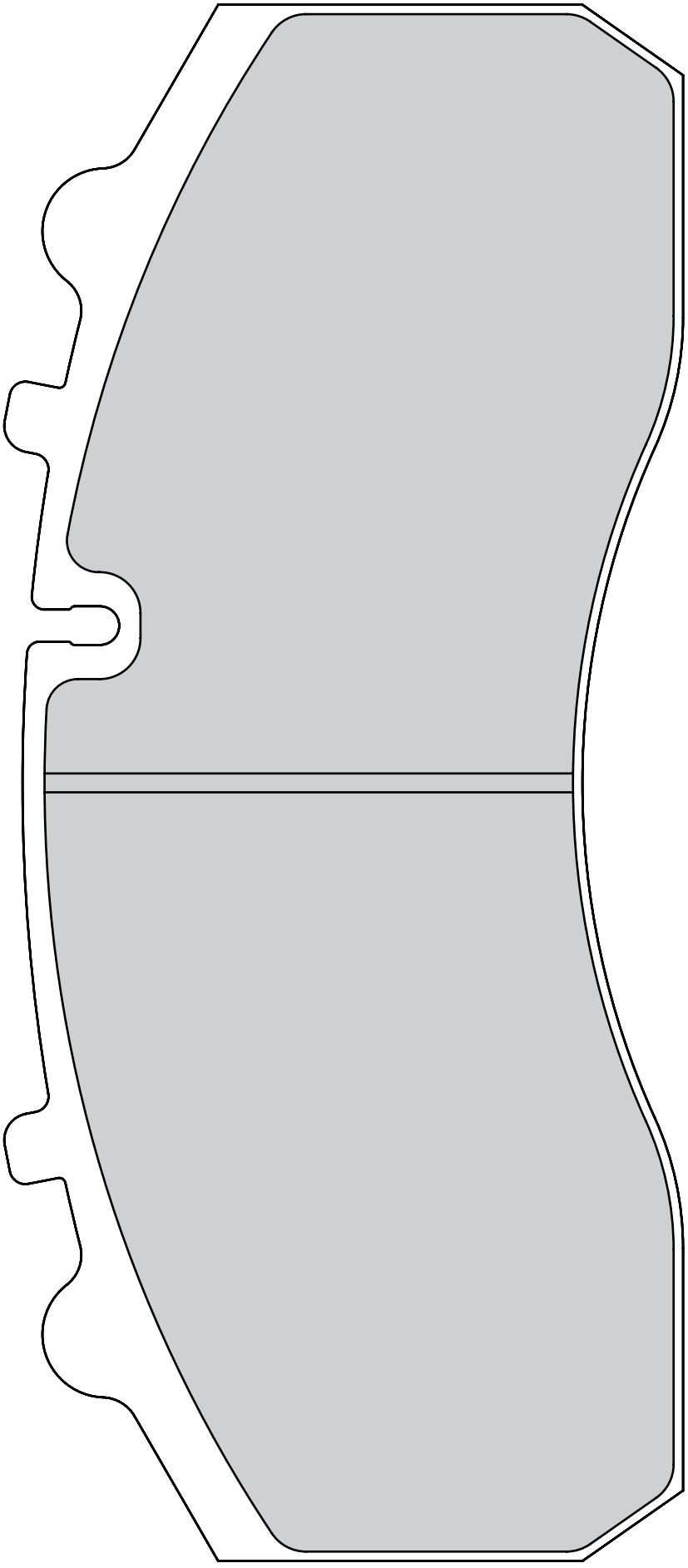
MERCEDES-BENZ Sprinter 4-T (904), Sprinter Mini Bus (4,6 to)
MULTICAR Fumo
OPTARE Soroco NT
PERROT BREMSEN (WABCO) All
VOLKSWAGEN LT II (2DX0FE)



29 154 30,00 40 4

248 | 108 | 30 | WABCO PAN 22 | -

BENALU All **BERKHOF PSV** Axial 50 **CRANE FRUEHAUF** All **GIGANT GROUP** S.A.E. (Dupillier), SMB
PERROT BREMSEN (WABCO) All **SAF** All **WABCO** PAN22

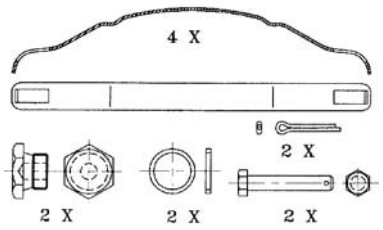


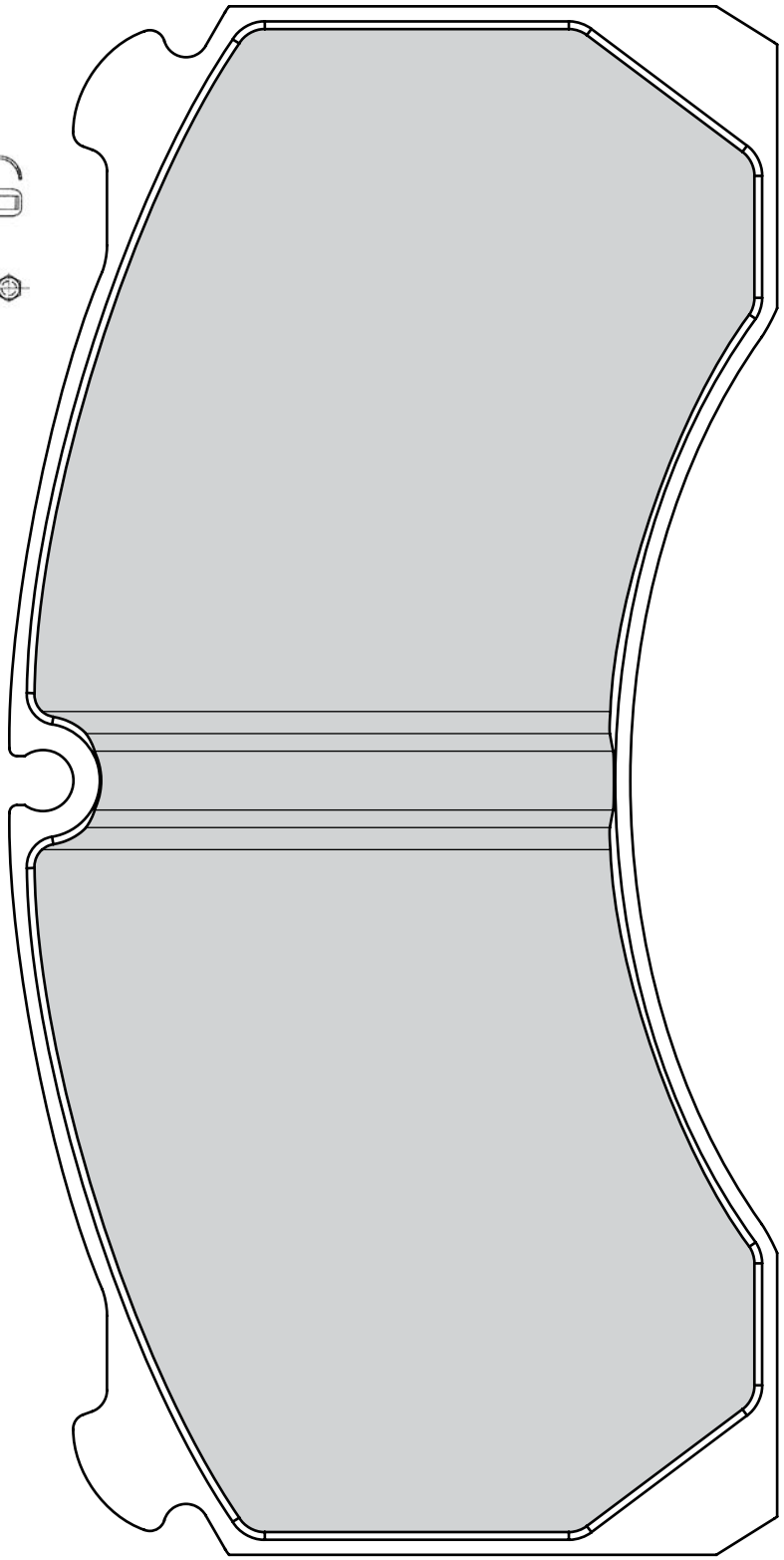
BERAL®

29 155 27,00 41 4

205 | 102 | 27 | MERITOR DX195 | -

MERITOR All





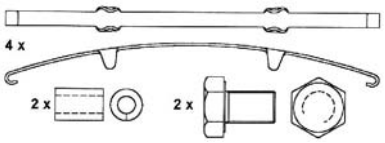
29 156 30,00 41 4

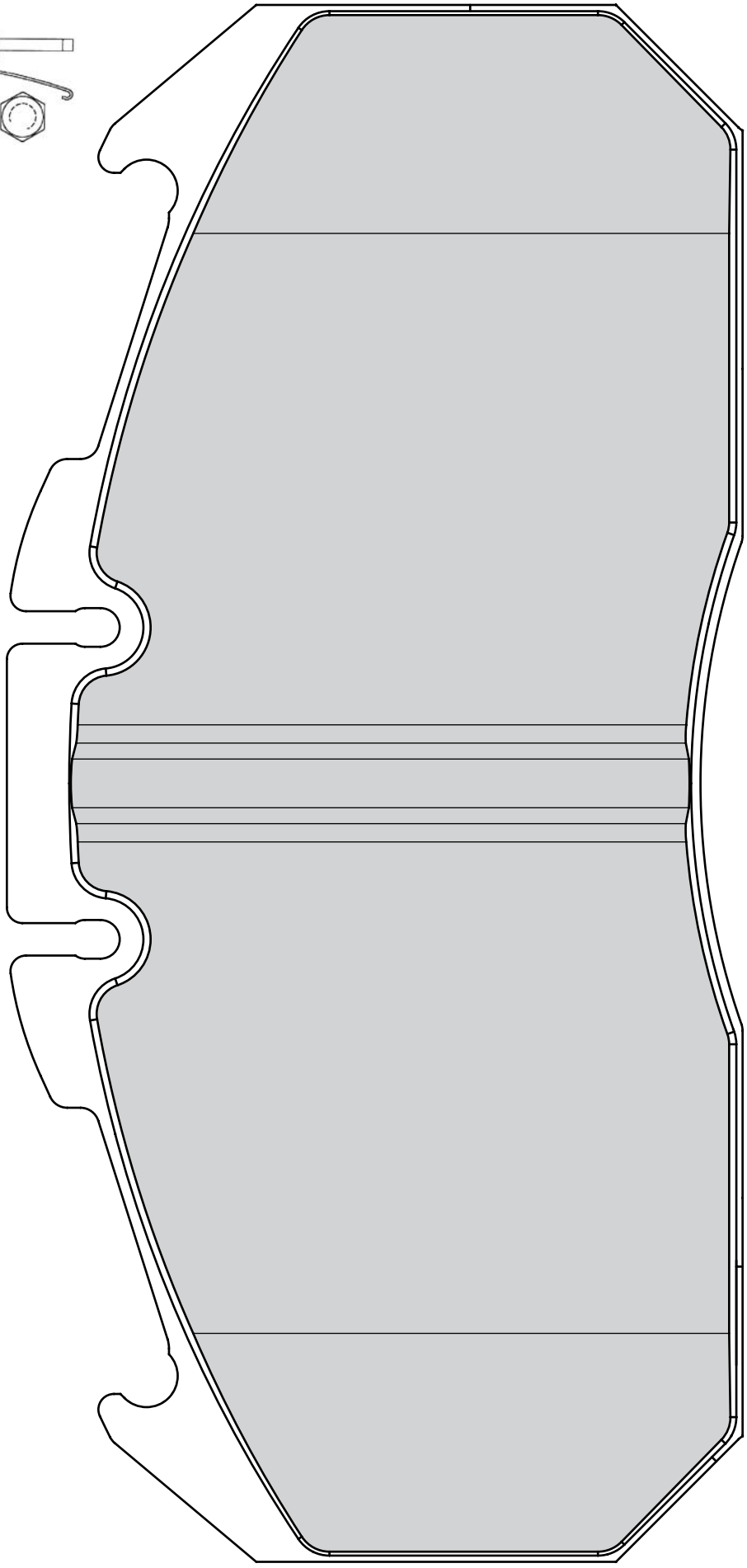
250 | 118 | 30 | MERITOR D-ELSA2 | -

ERF ECS/ECT/ECX **IRISBUS** Agora, Ares, Arway, Axer, Citelis, Crealis, Crossway, Iliade

MAN EL-Series, EM-Series, F2000-Series, Lions Coach, Lions Comfort:, Lions Star, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), NG Series:, NM-Series:, NU, TG-A Series:, UL

MERITOR All **RENAULT TRUCKS** Magnum E.Tech, Magnum/AE Series, Premium Distribution, Premium Route **SAMRO** Axles with Disc Brakes





BERAL®

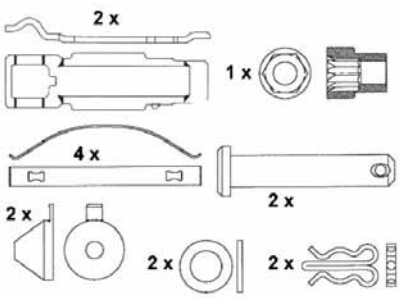
29 158 30,00 41 4

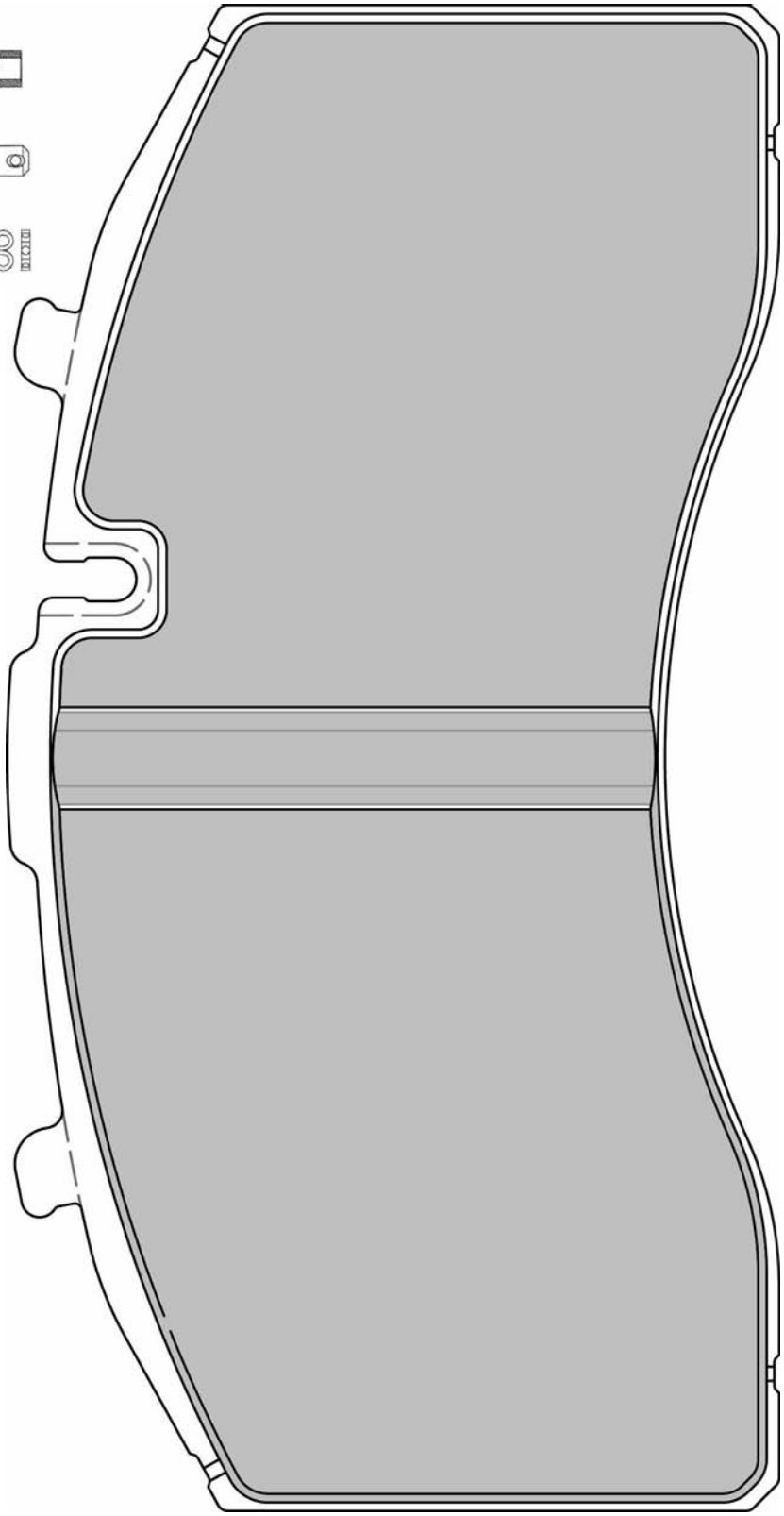
210.8 | 108 | 30 | KNORR SK7 | -

DISCOS Trailer

KNORR-BREMSE All

SAF All

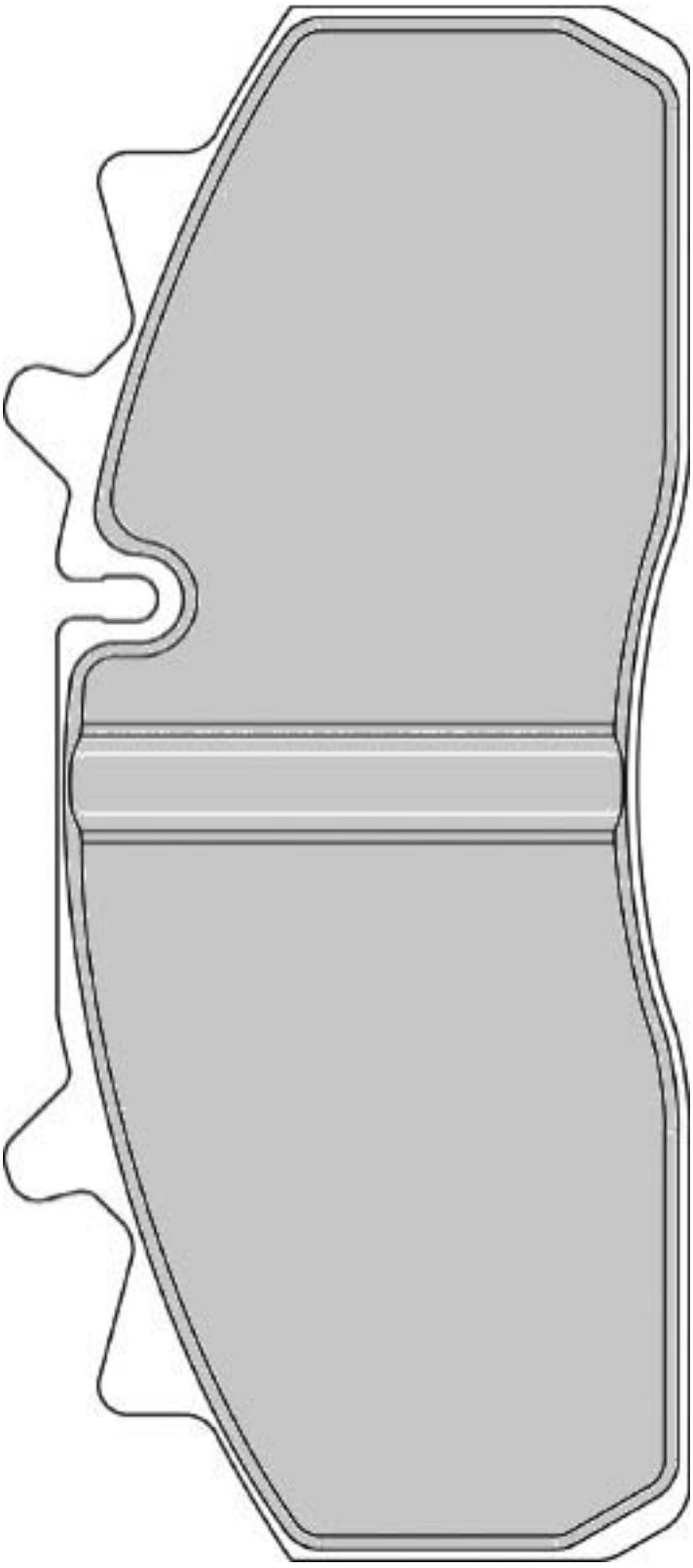




29 159 30,00 40 4

211 | 93 | 30 | WABCO PAN 19-1 | -

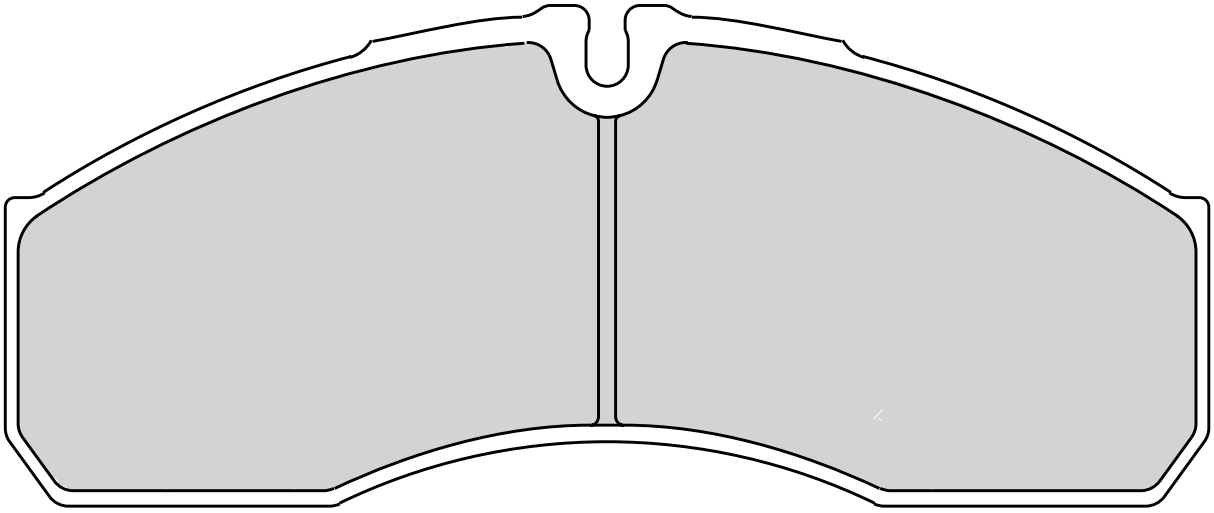
DAF LF 55, SB230
DENNIS Enviro
GIGANT GROUP S.A.E. (Dupillier)
PERROT BREMSEN (WABCO) All
SAF All
SOR SOR 12
WABCO PAN19-1



29 160 20,30 41 4

164 | 69 | 20 | BREMBO | -

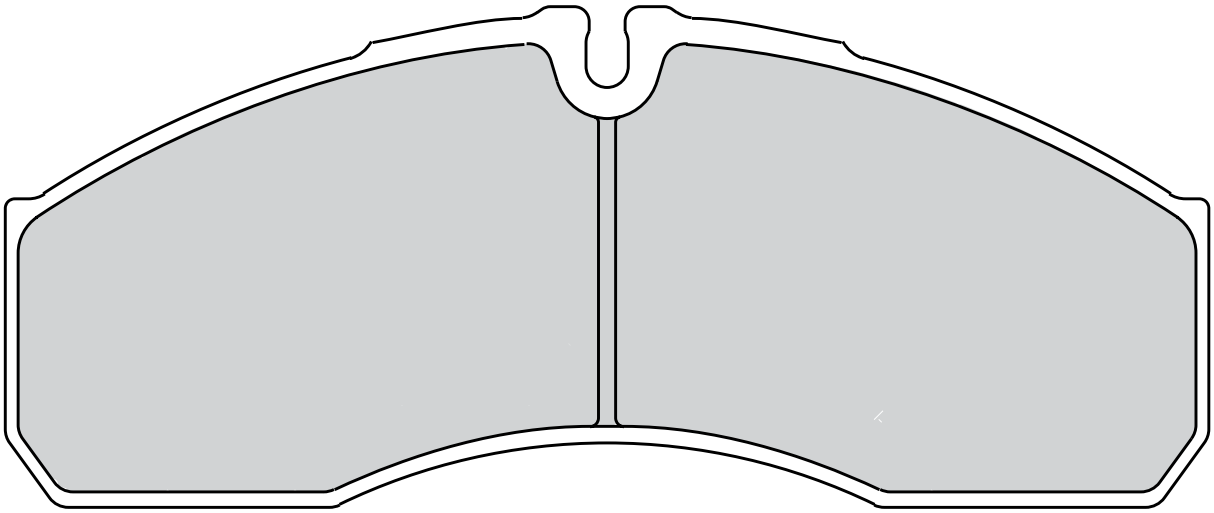
IVECO Daily II



29 160 20,30 42 4

164 | 69 | 20 | BREMBO | -

RENAULT Mascott

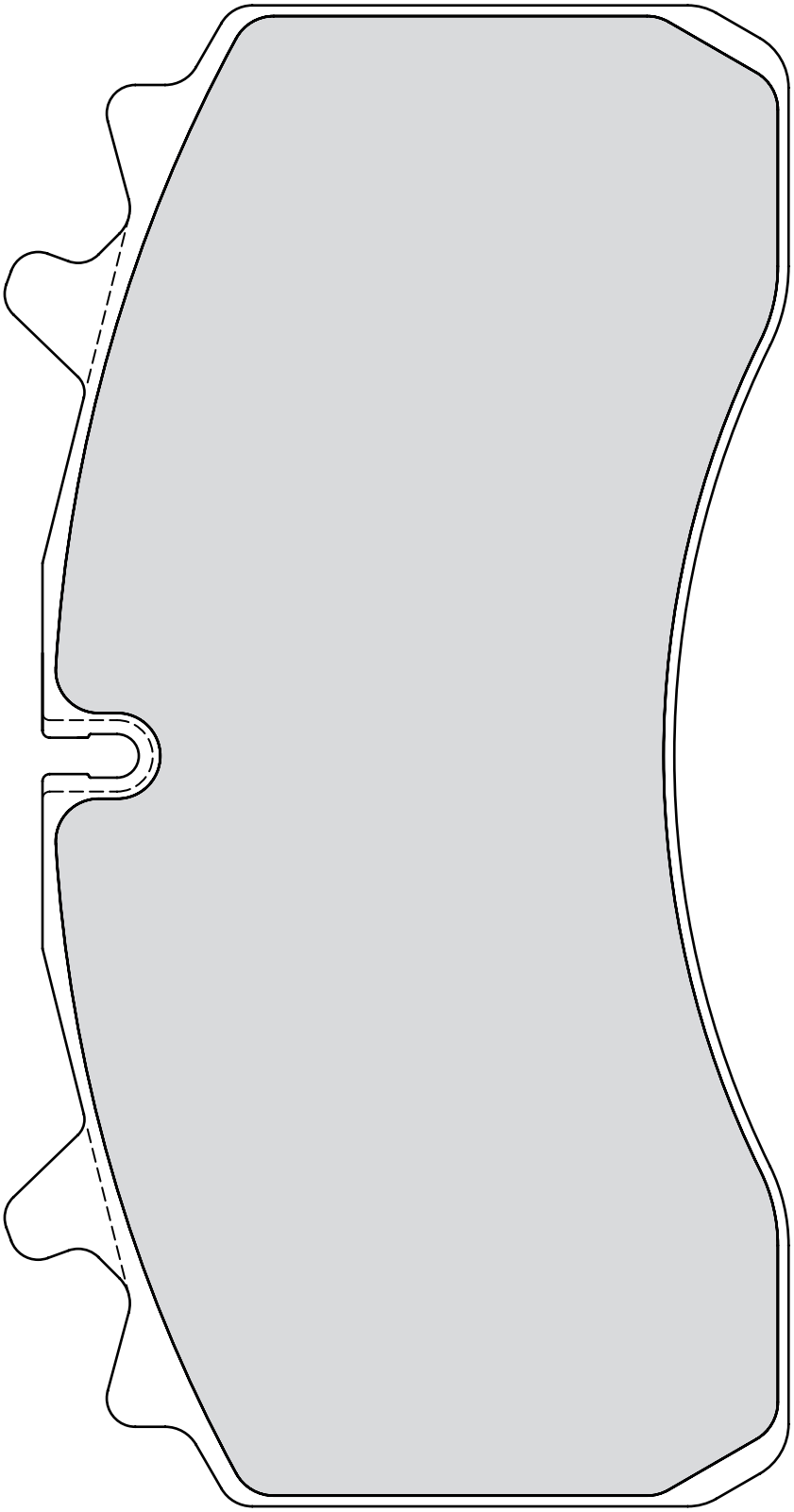


29 162 31,00 40 4

210.3 | 109.8 | 31 | WABCO PAN 22-1 | -

SAF All

WABCO PAN22-1



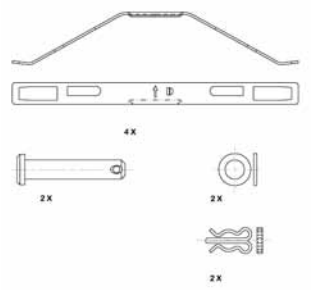
BERAL®

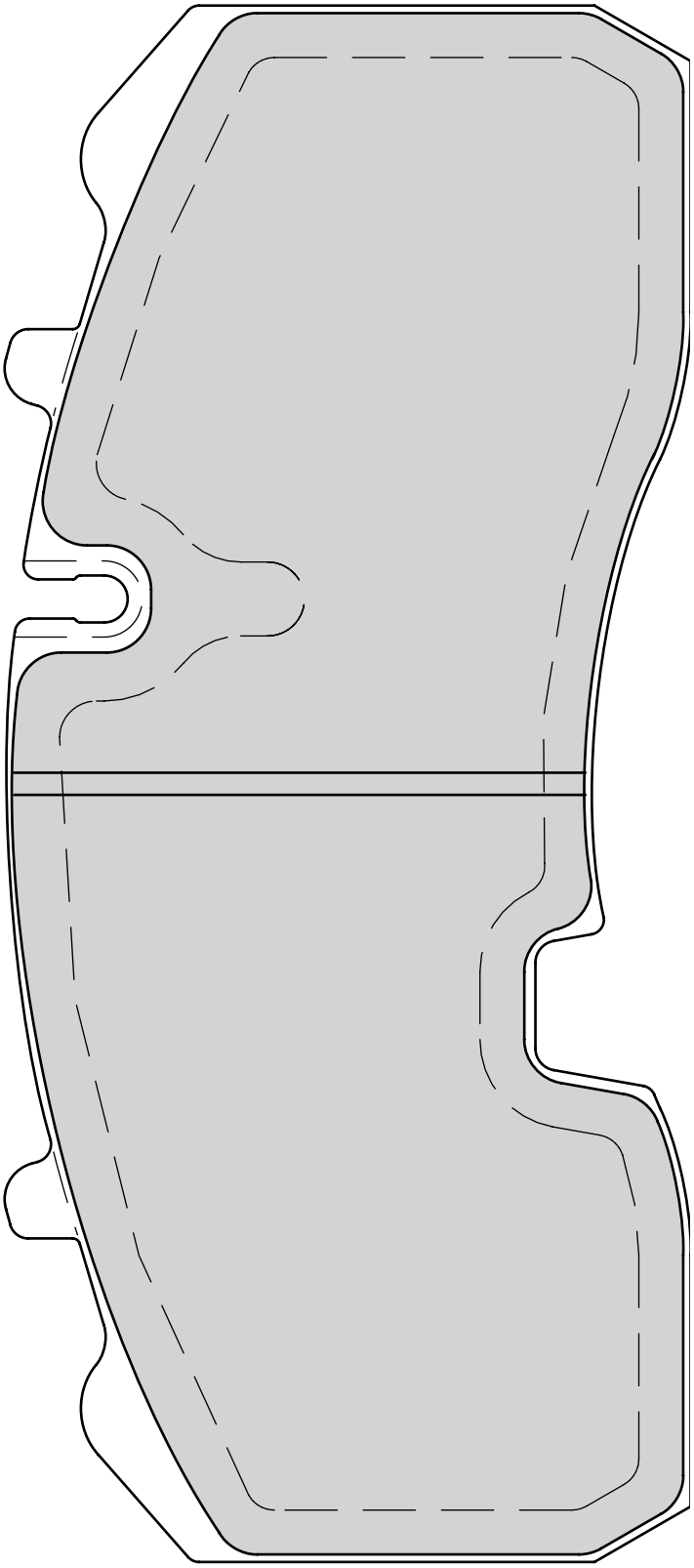
29 165 30,00 41 4

211 | 93 | 30 | SB3745T (SB6) | -

BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), SKH Series SB/SN6 (SB3745)

KNORR-BREMSE All

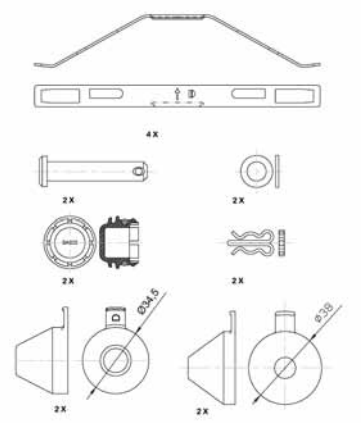


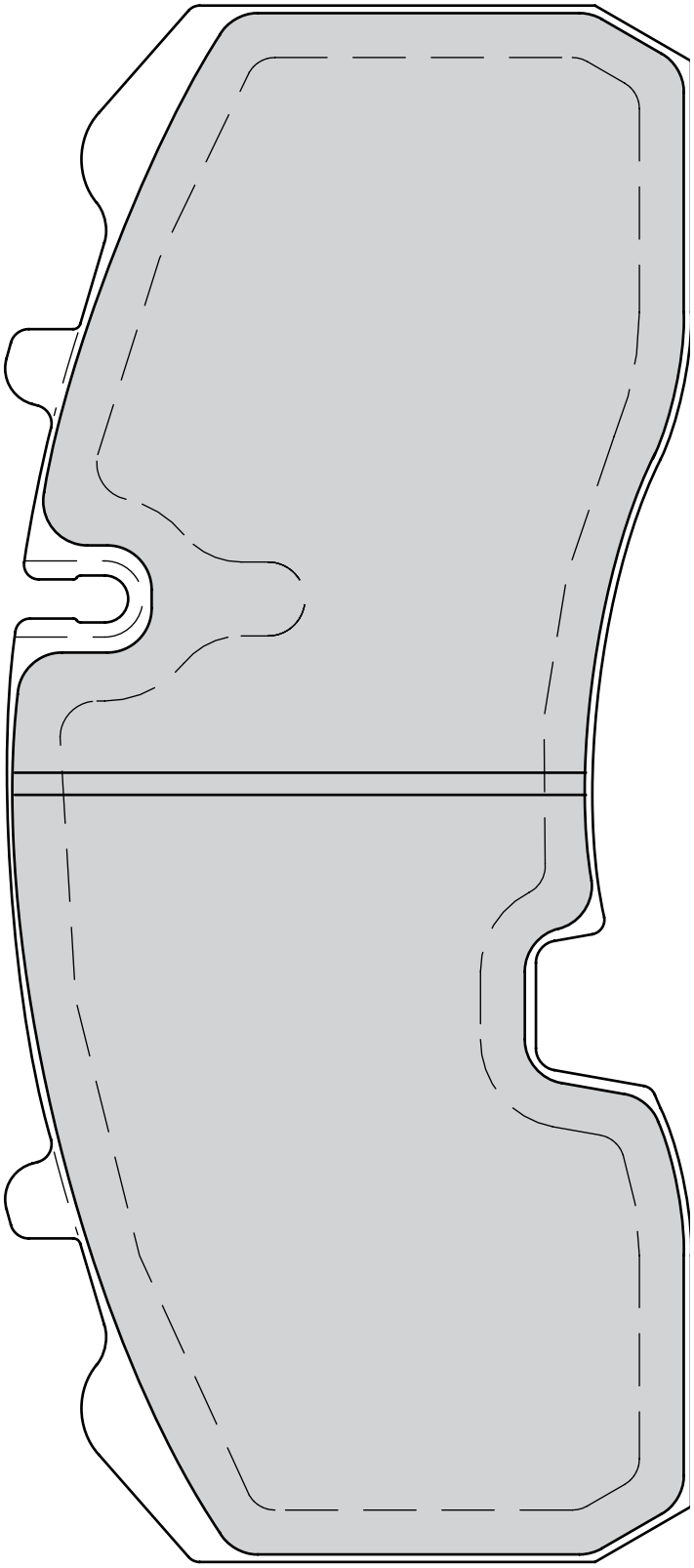


29 165 30,00 42 4

211 | 93 | 30 | SB3745T (SB6) | -

BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), SKH Series SB/SN6 (SB3745)
KNORR-BREMSE All



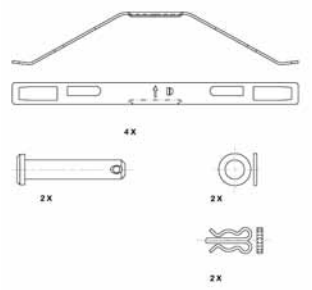


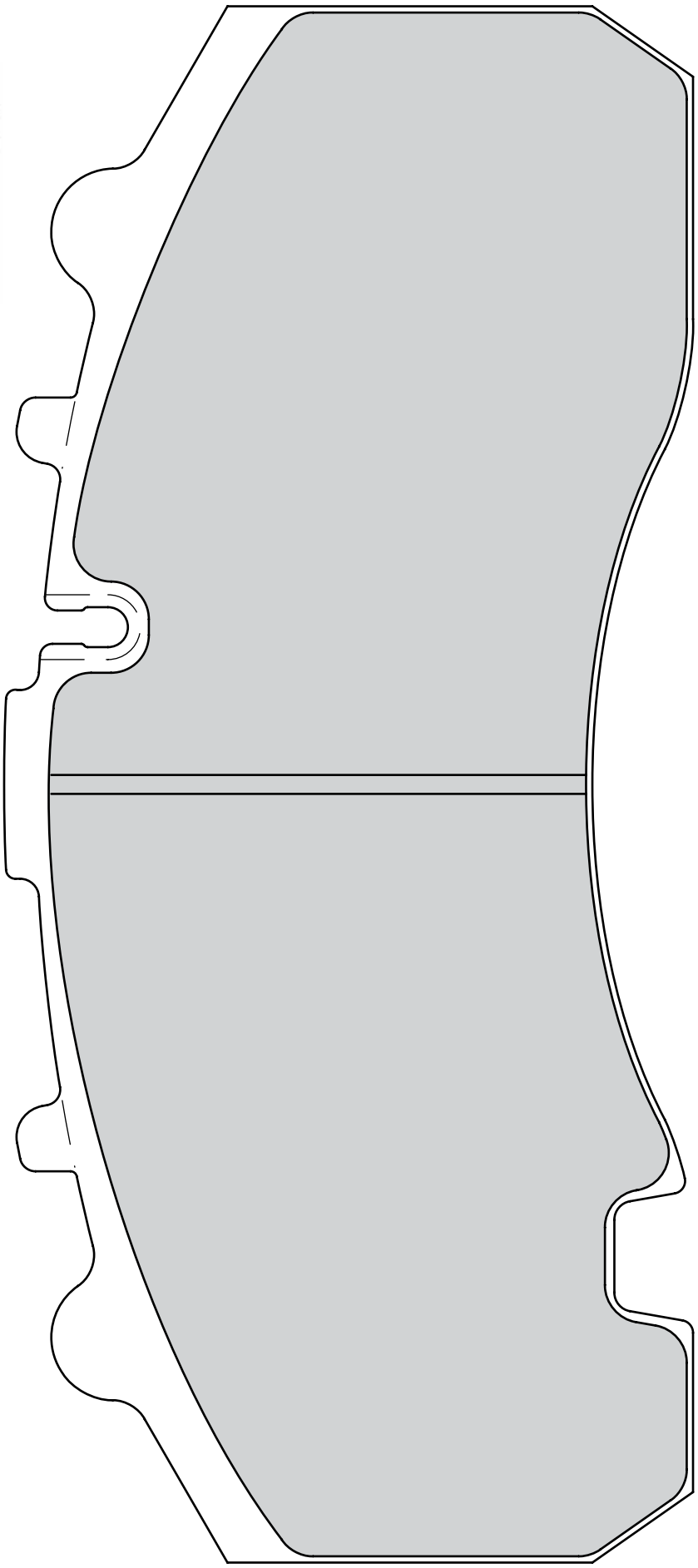
29 167 30,00 41 4

248 | 109.5 | 30 | SB4345T (SB7) | -

BPW Eco Plus SB/SN7 (SB4345), SH Series SB/SN7 (SB4345)

KNORR-BREMSE All

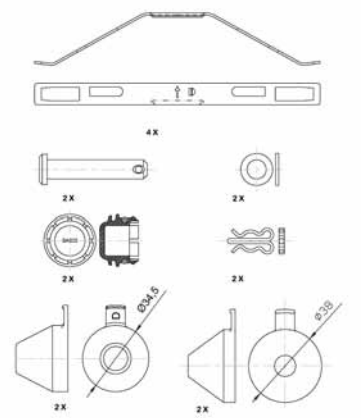


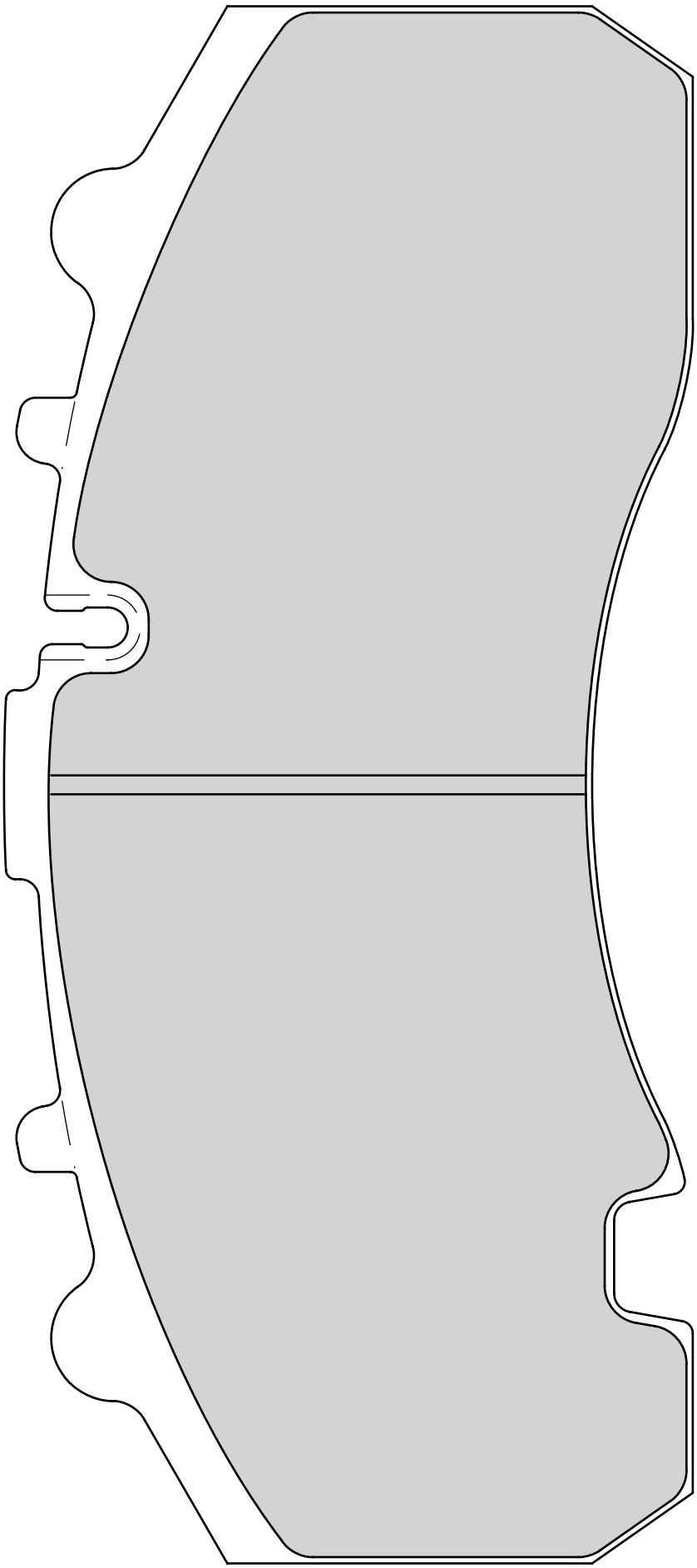


29 167 30,00 42 4

248 | 109.5 | 30 | SB4345T (SB7) | -

BPW Eco Plus SB/SN7 (SB4345), SH Series SB/SN7 (SB4345)
KNORR-BREMSE All



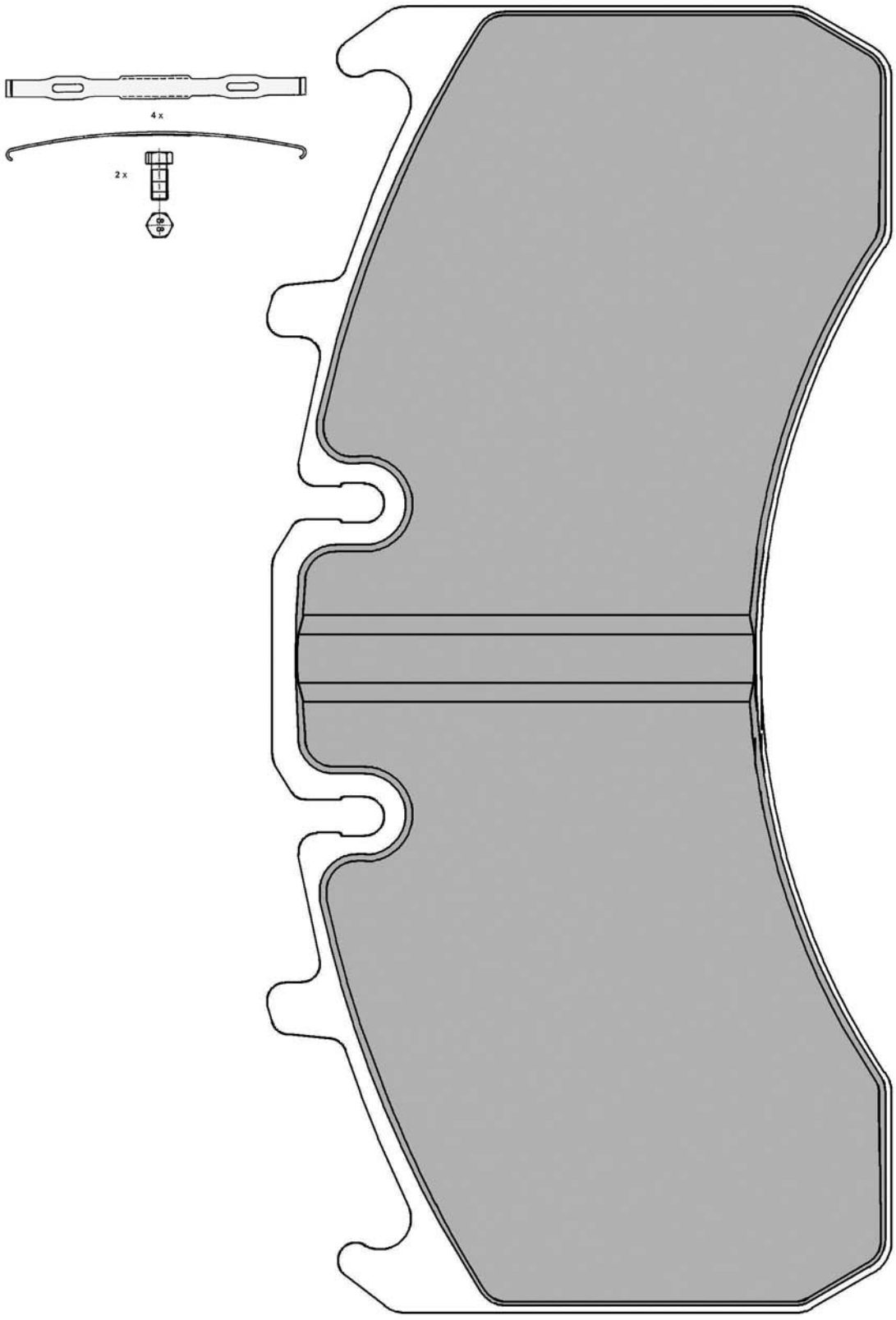


BERAL®

29 169 30,00 41 4

211 | 100 | 30 | MERITOR ELSA195 | -

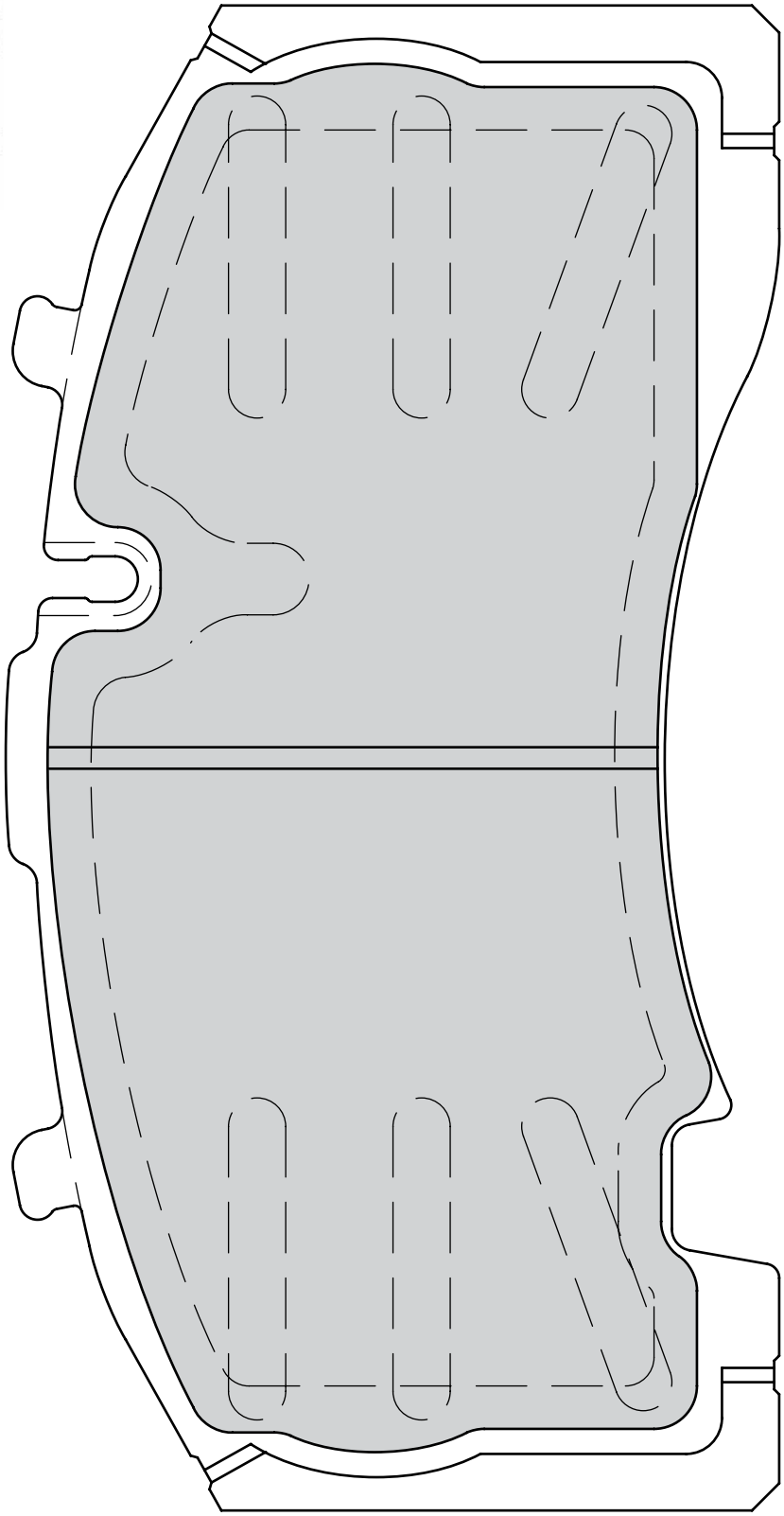
MERITOR All



29 171 30,00 41 4

211 | 108 | 30 | SB4309T (SK7) | -

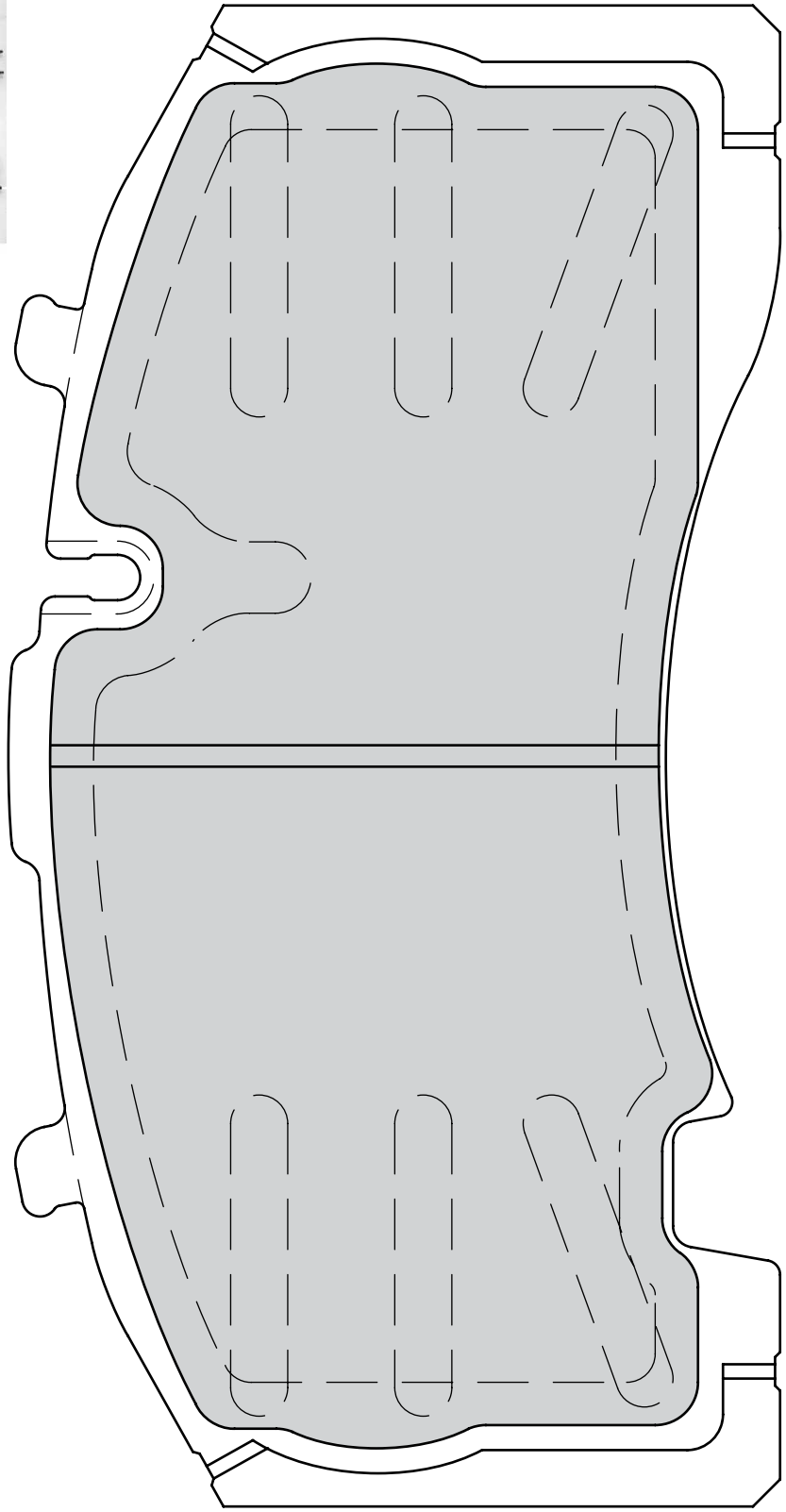
BPW Eco Plus SK7 (SB4309)
KNORR-BREMSE All



29 171 30,00 42 4

211 | 108 | 30 | SB4309T (SK7) | -

BPW Eco Plus SK7 (SB4309)
KNORR-BREMSE All



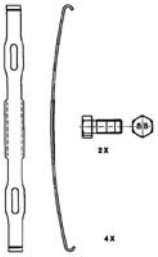
29 177 29,00 41 4

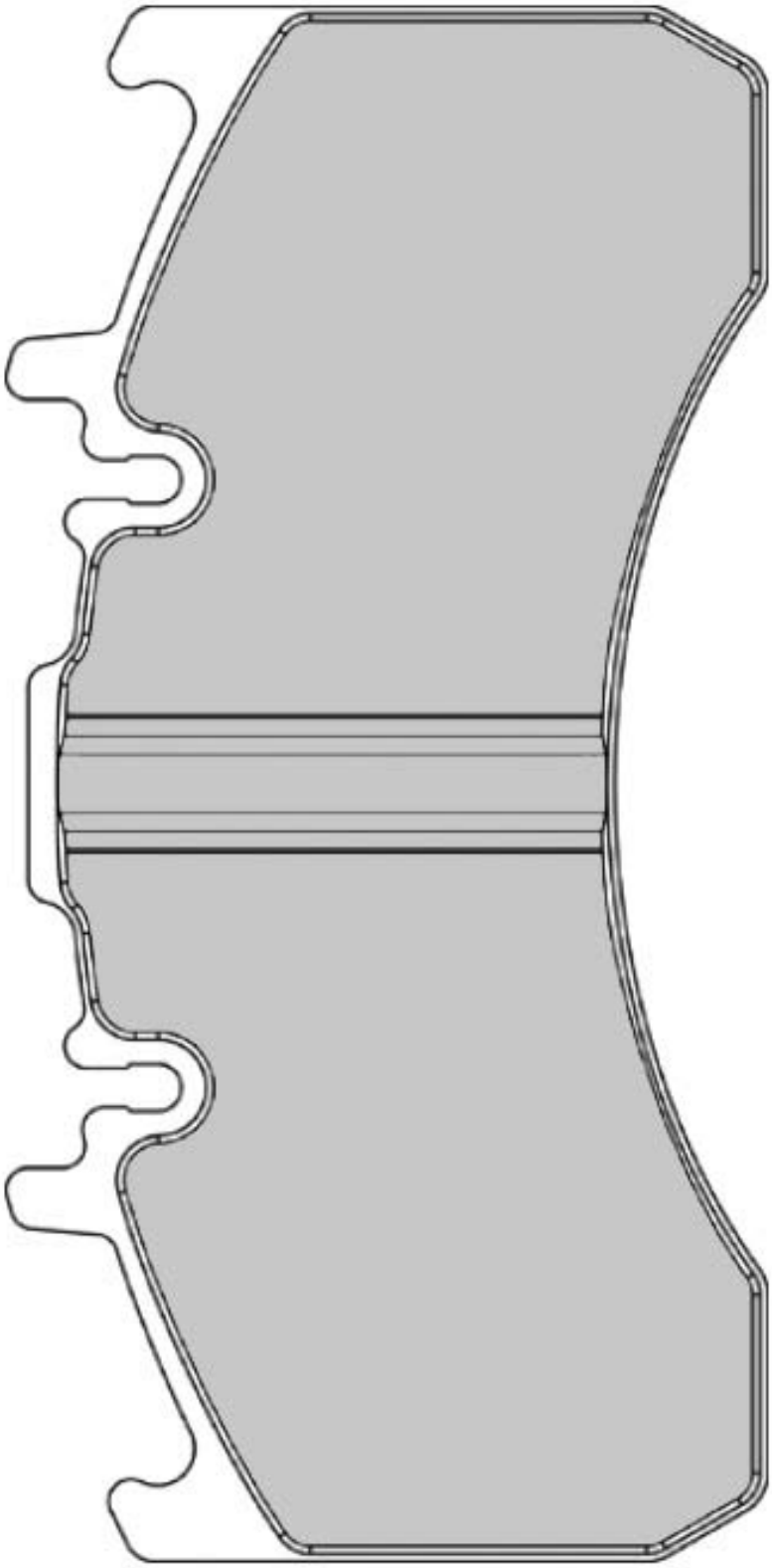
210 | 102.6 | 29 | MERITOR VGT195 | -

MERITOR Lift Axles

RENAULT TRUCKS Magnum DXi Series, New Magnum DXi Series, Premium 2 (Distribution/Route)

VOLVO FH-Series:



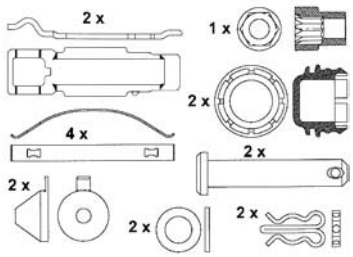


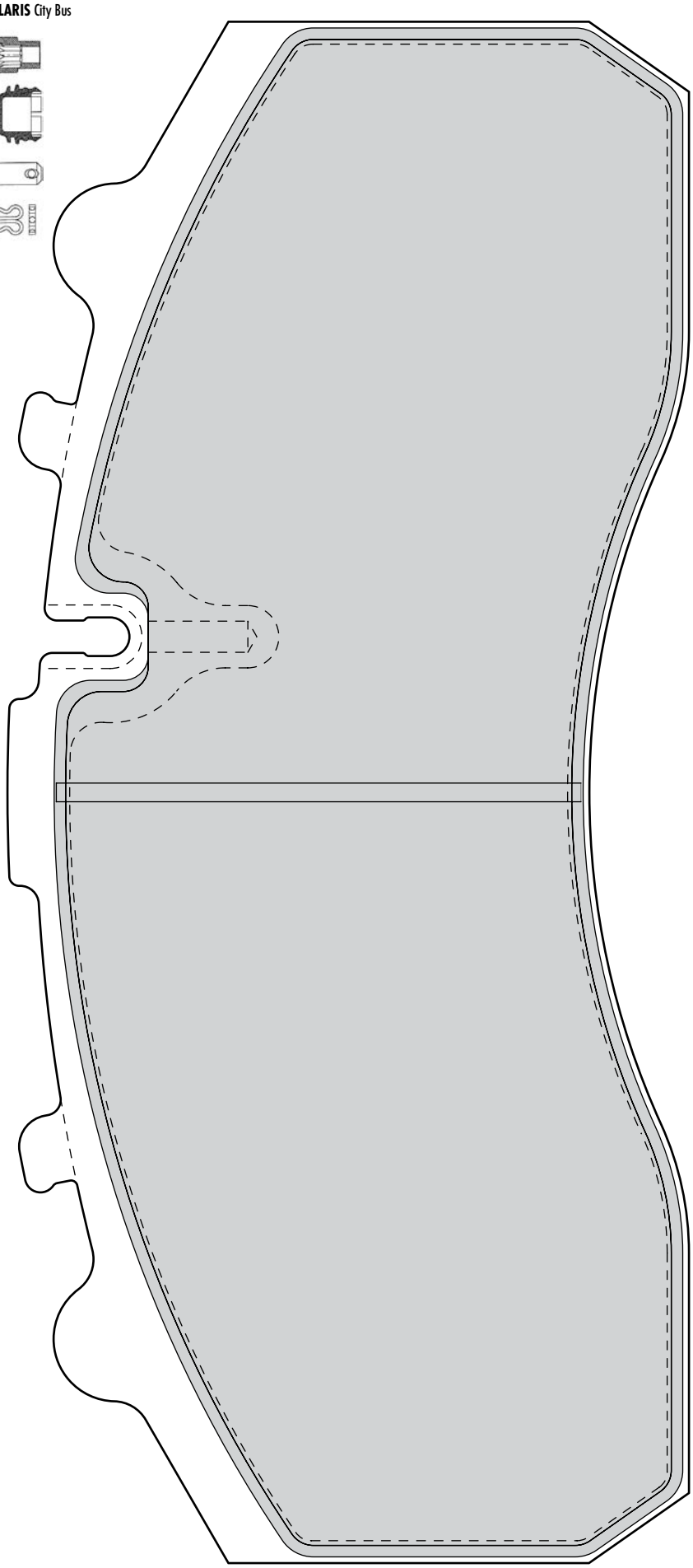
BERAL®

29 179 30,00 41 4

248 | 109 | 30 | KNORR SB/SN7 | -

AYATS Atlantis, Atlas, Bravo 1 **DAF** 65 CF Series, 75 CF-Series, 85 CF-Series, LF 55, XF 95, XF105 **DENNIS** Trident II **IKARUS** Articulated City Bus, City Bus **IRISBUS** Iveco MyWay **KAROSA** B951, B952, B961 Articulated **KNORR-BREMSE** All **LAZ** A183 **MAN** EL-Series, EM-Series **MERCEDES-BENZ** Citaro (O 530), Cito (O 520), Integro O 550: **NEOPLAN** Centroliner:, Cityliner:, Euroliner:, Jetliner:, Low Floor Buses, Skyliner, Spaceliner:, Starliner, Transliner **SAF** All **SCANIA** All, 4-Series, R-Series, K124, L94 Series **SETRA** Intercity Bus, Intercity Low Floor Bus **SOLARIS** City Bus

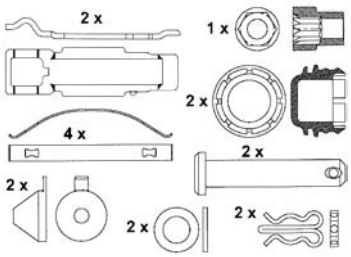


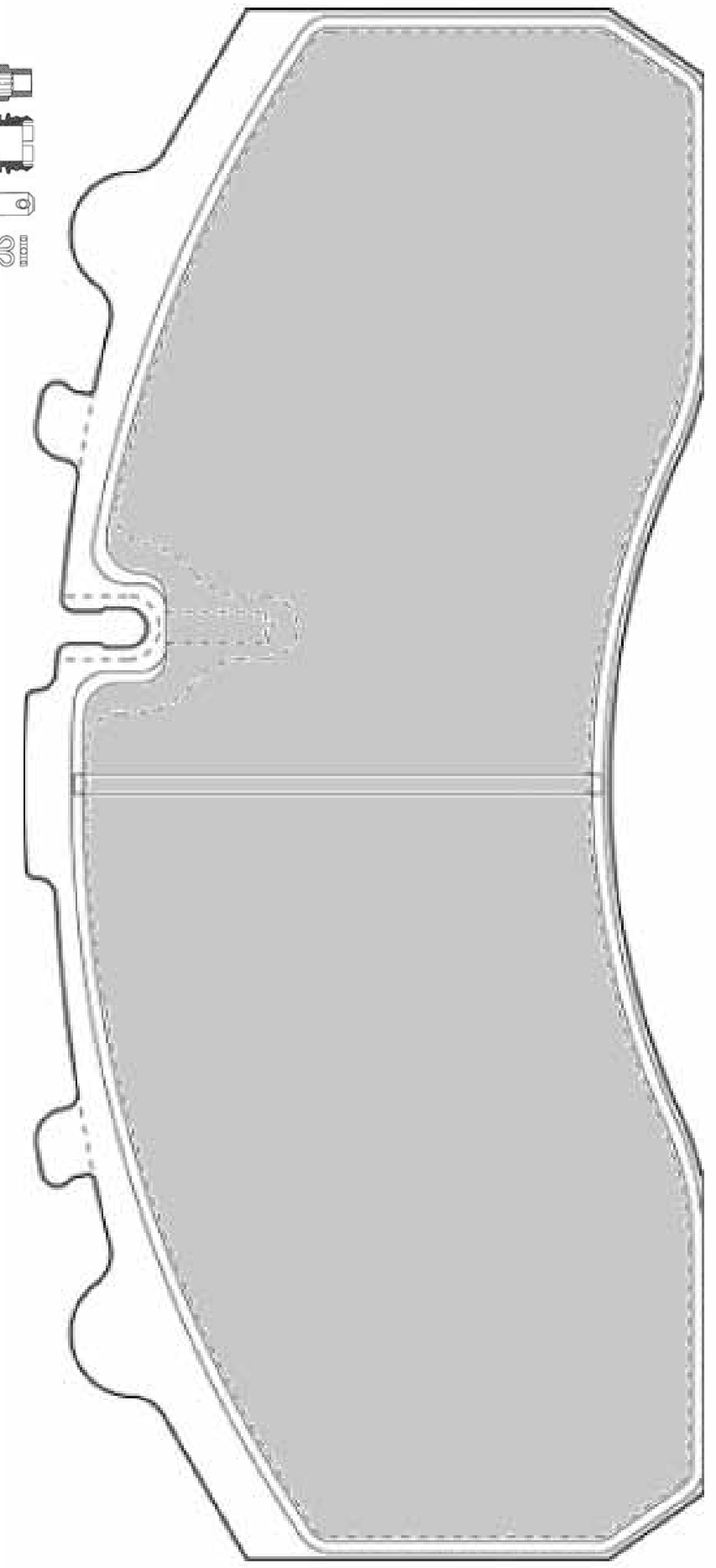


29 179 30,00 42 4

248 | 109 | 30 | KNORR SB/SN7 | INCLUDED

BOVA Futura, Futura (3-Axle)
KNORR-BREMSE All



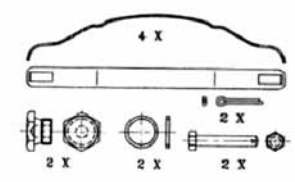


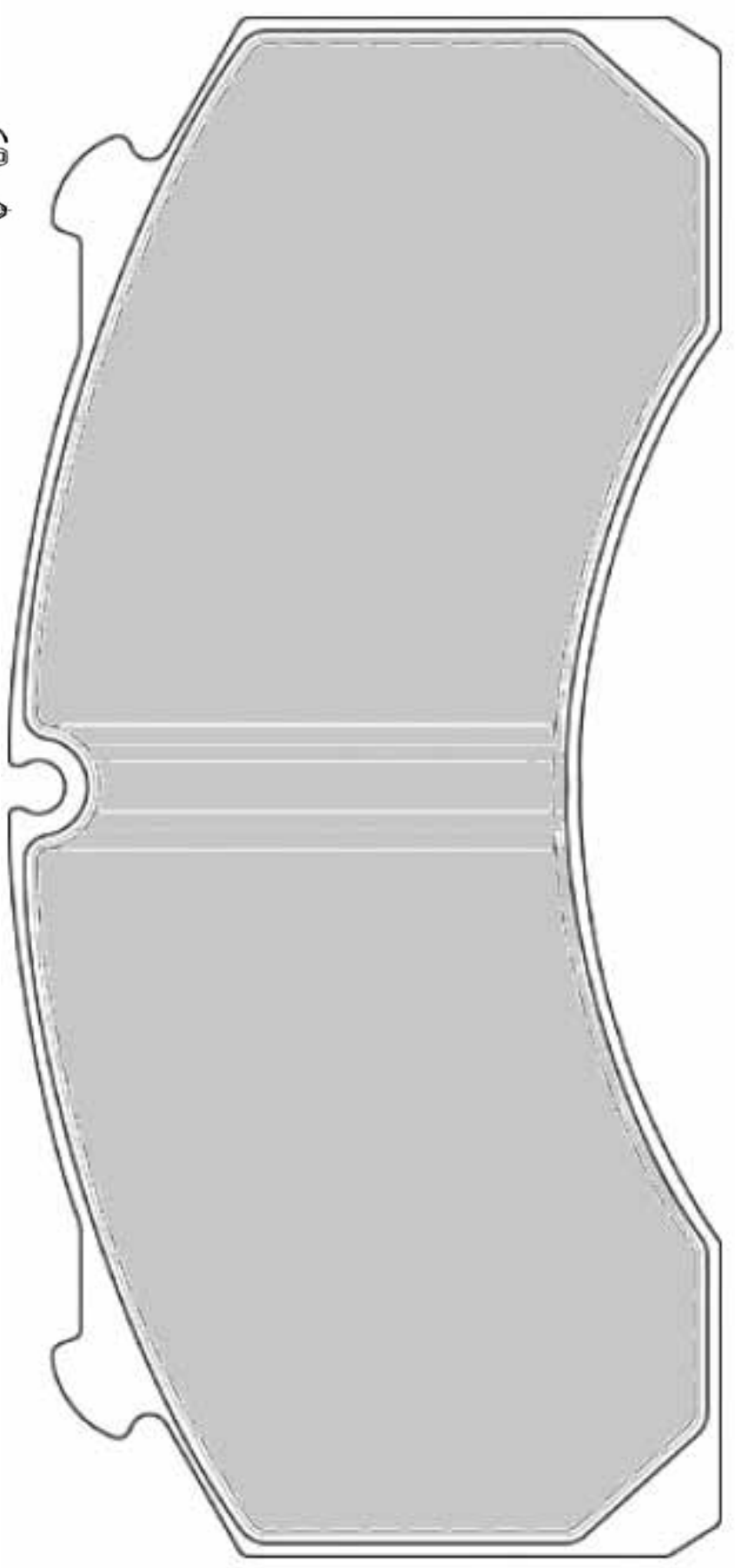
BERAL®

29 180 29,00 41 4

235.5 | 109 | 29 | MERITOR DX225 | -

MERITOR All

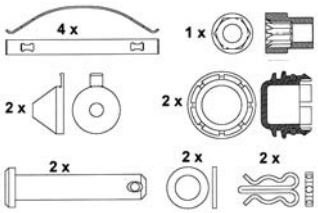


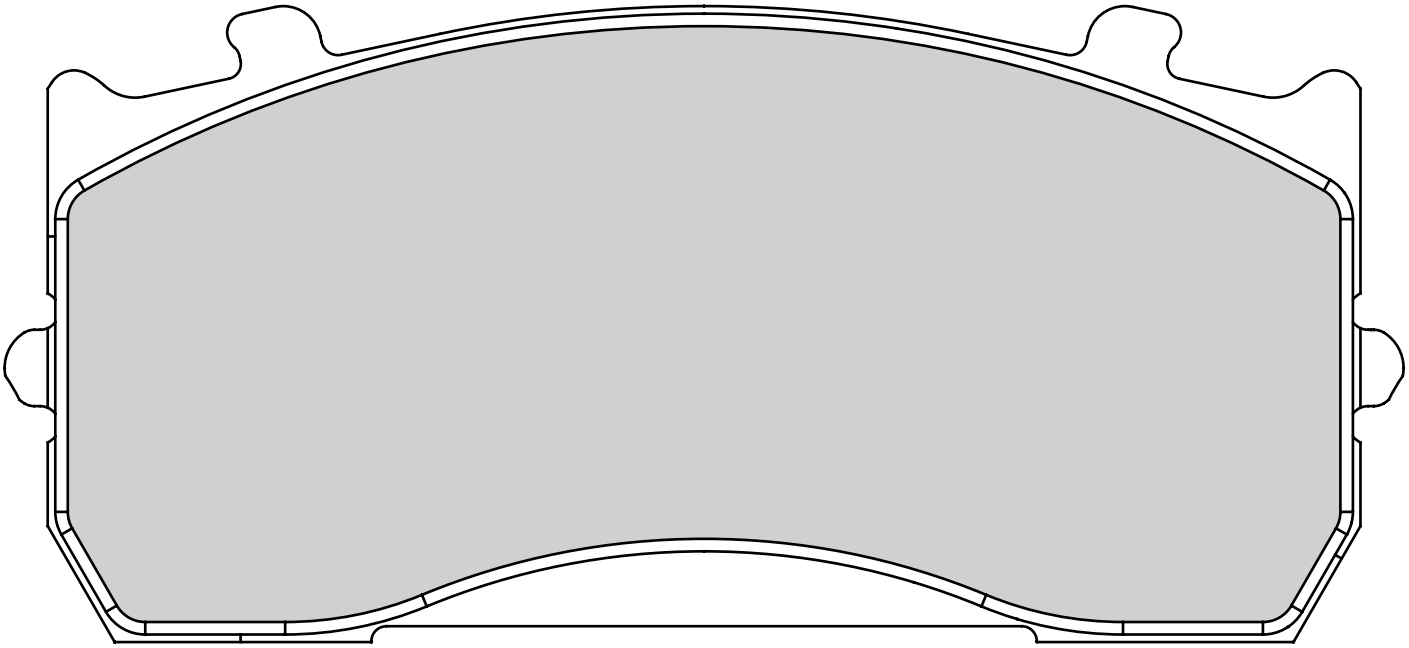


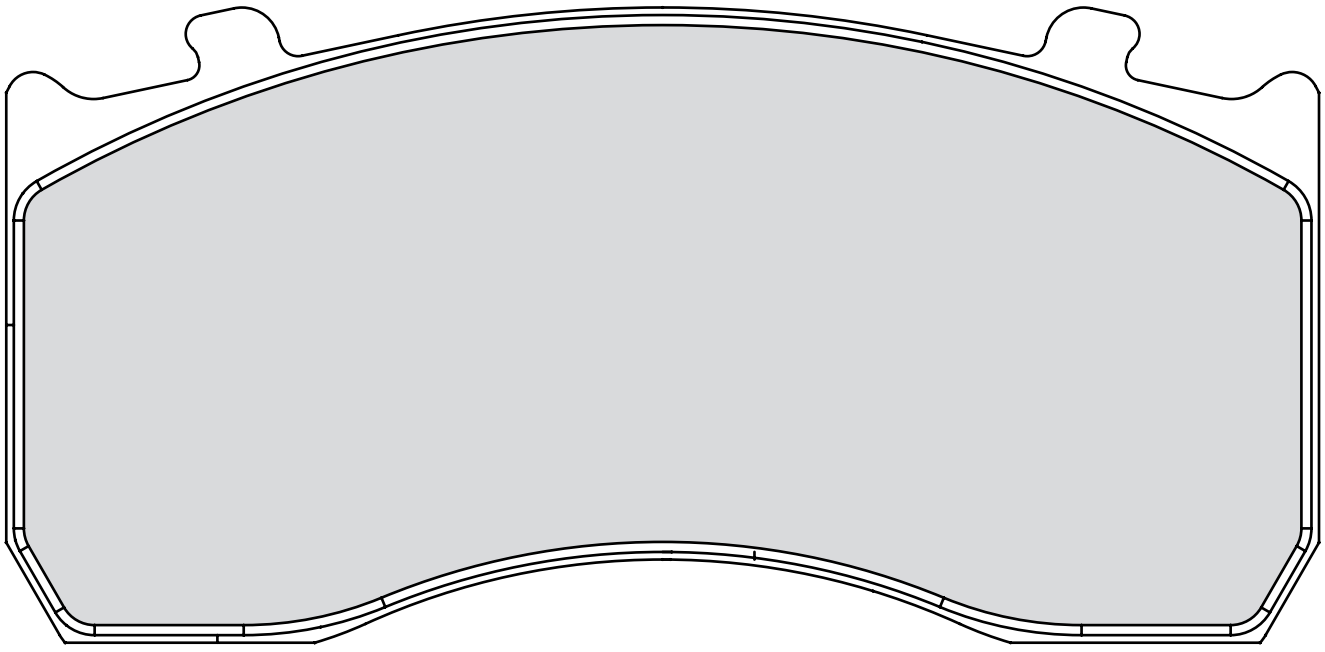
29 183 27,00 41 3

185 | 84 | 27/34 | KNORR SB/SN5 | -

DENNIS Fire Engines **DISCOS** Trailer **GIGANT GROUP** Trenkamp & Gehle
KNORR-BREMSE All **MAN** TGL Series
MERCEDES-BENZ Atego I







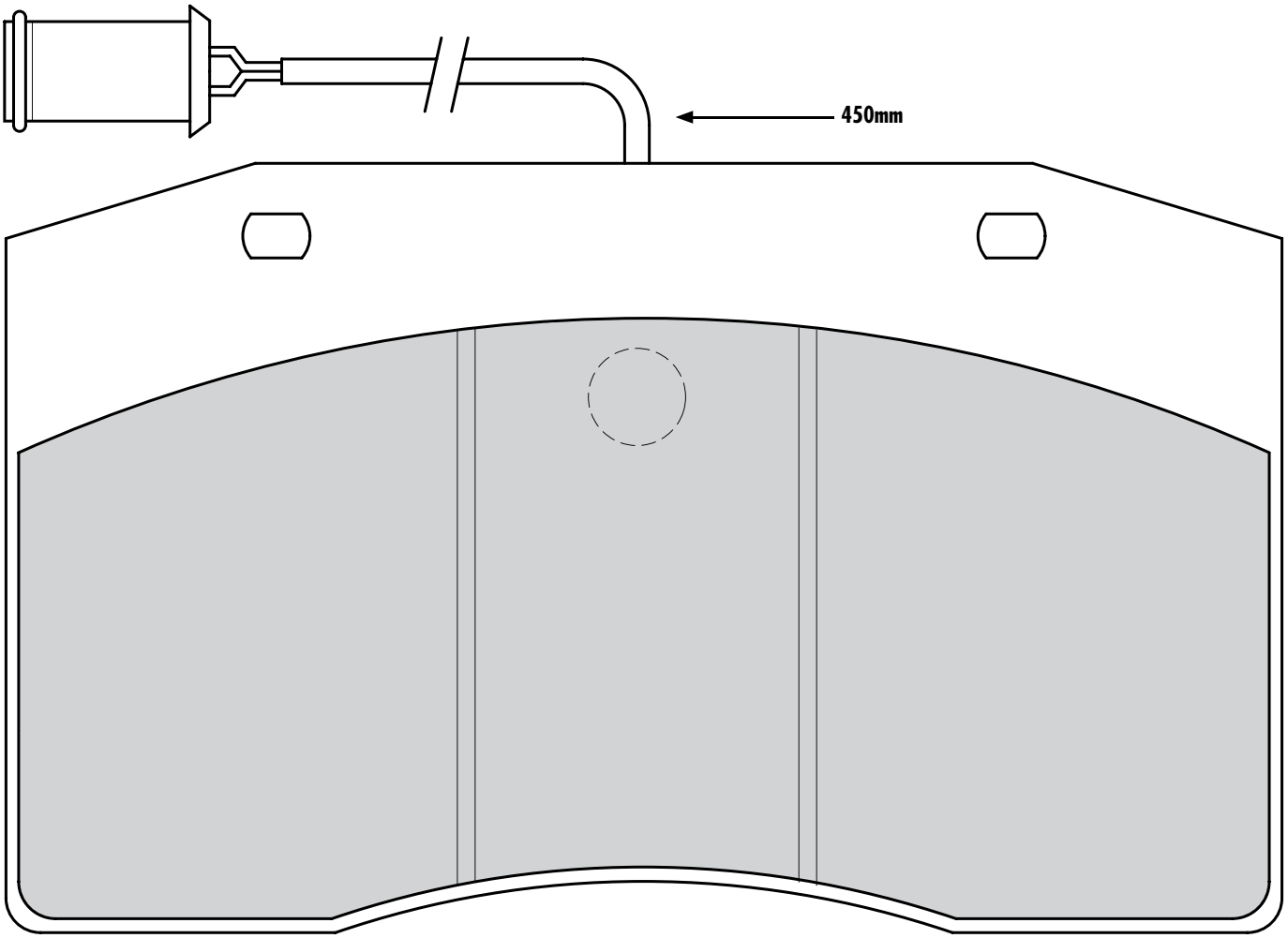
BERAL®

29 186 20,00 41 6* / FCV1614

180 | 106 | 20 | BREMBO BI-DISC | PLUGGED-IN (2)

IRISBUS Iveco 491/591, Iveco MyWay

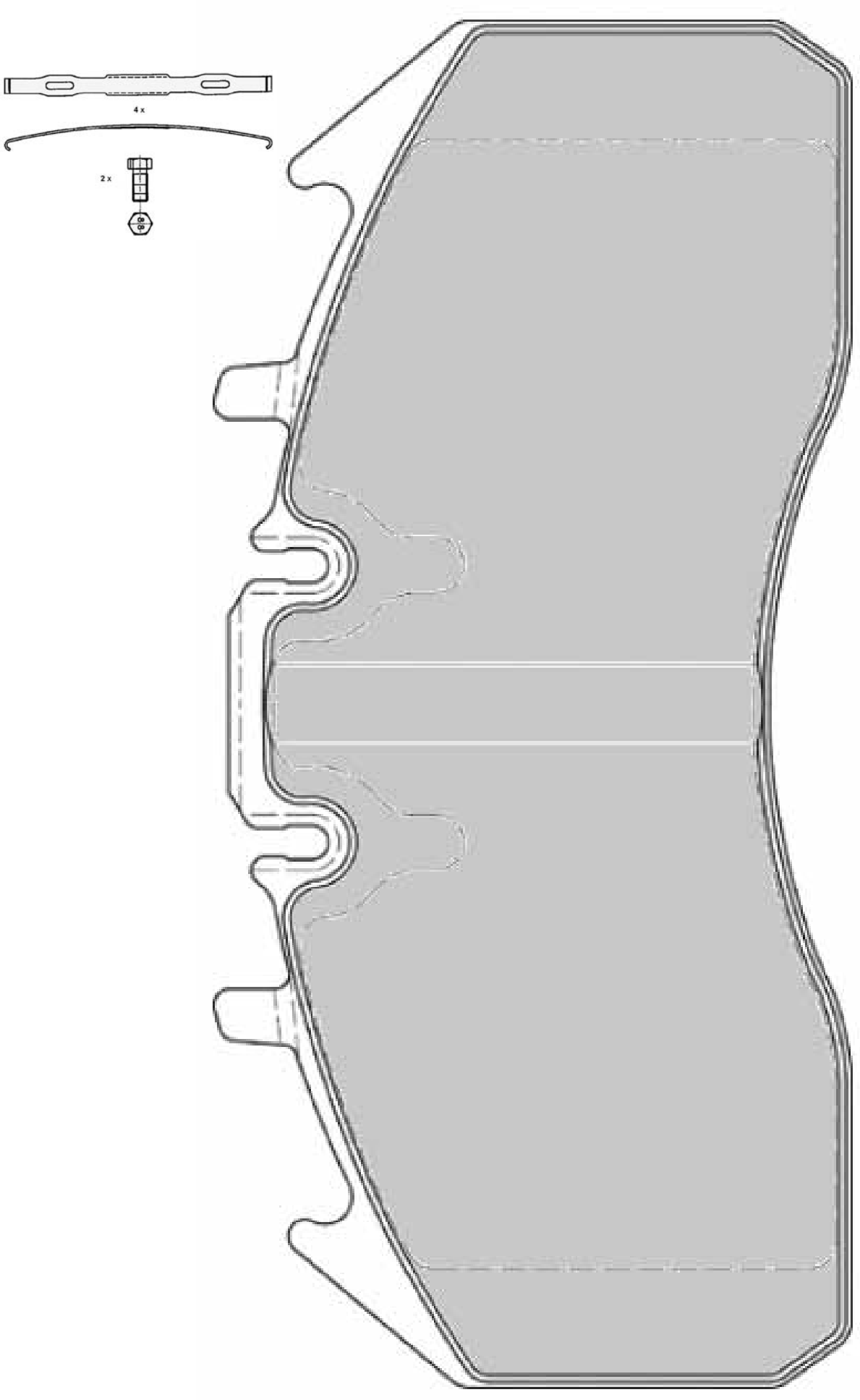
MENARINI All



29 187 29,00 41 4

249.4 | 113.8 | 29 | MERITOR EX225H2 | -

OPTARE Tempo

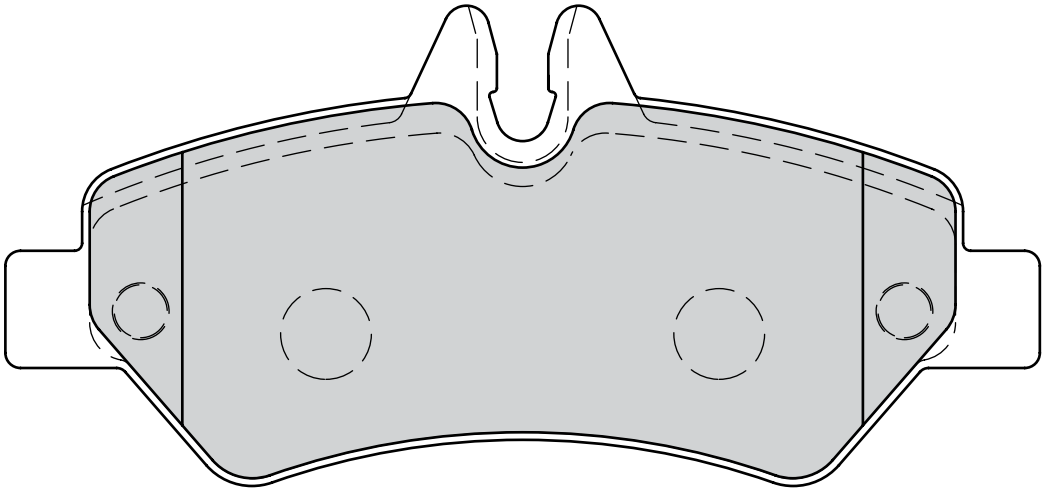


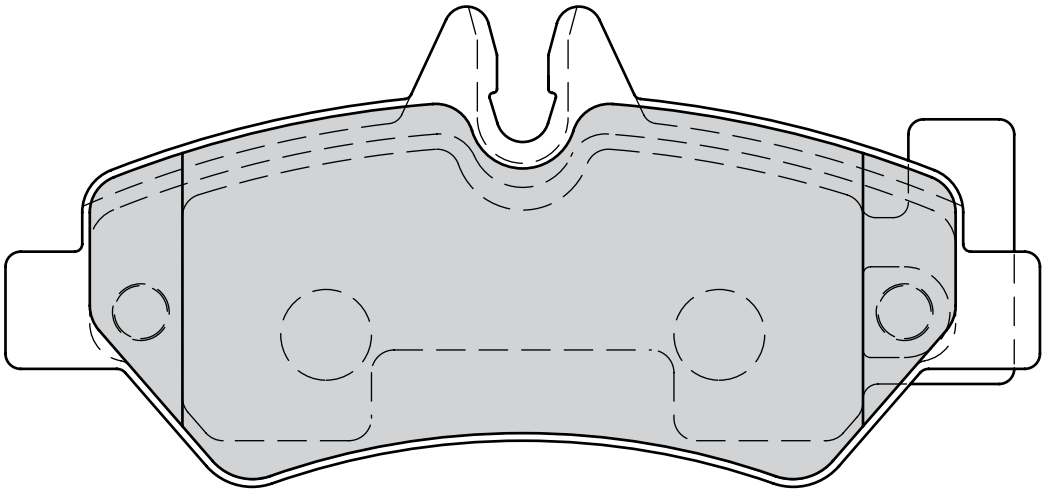
BERAL®

29 190 19,70 42 3

136.9 | 63 | 19,7 | BOSCH | 2L

MERCEDES-BENZ Sprinter 3-T (906)
VOLKSWAGEN Crafter 3 T

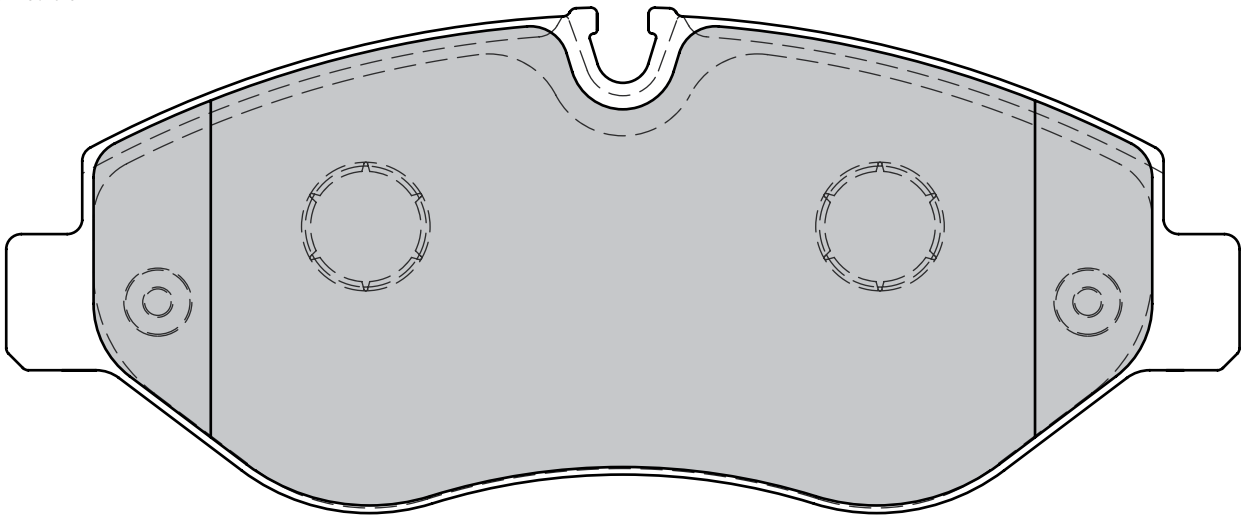




29 192 20,80 41 4

163.2 | 66.9 | 20.8 | BREMBO | 2L

MERCEDES-BENZ Sprinter 3-T (906)
VOLKSWAGEN Crafter 3 T

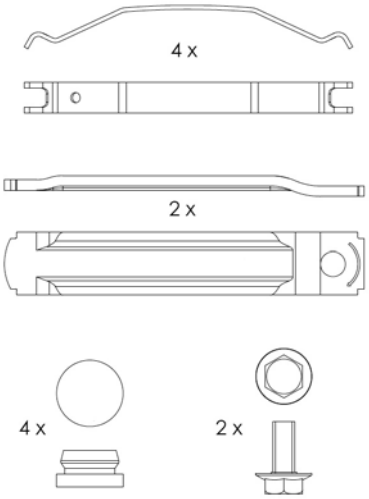


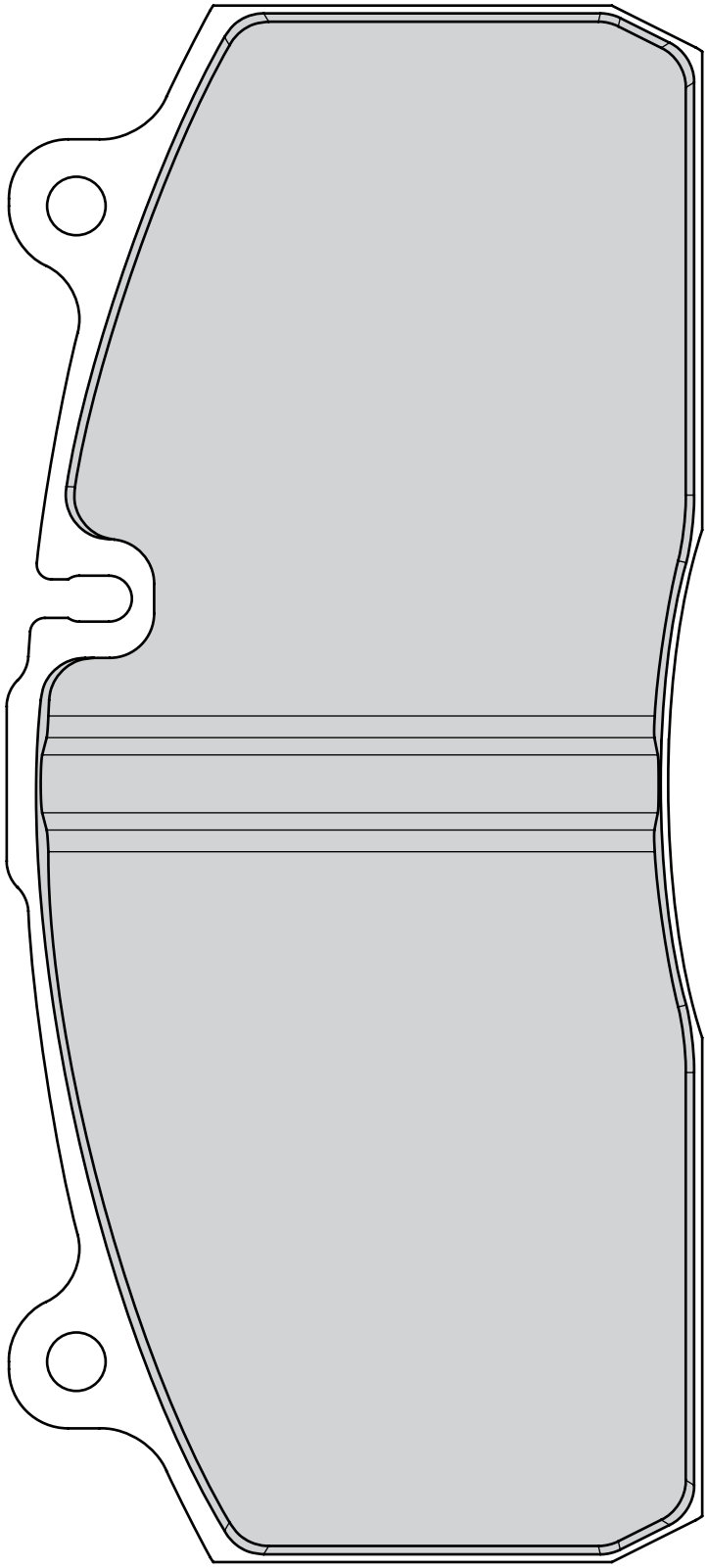
29 195 30 00 41 4

210 | 93.8 | 30 | HALDEX DB22LT | -

HALDEX DB22LT

GIGANT GROUP S.A.E. (Dupillier), SMB





BERAL®

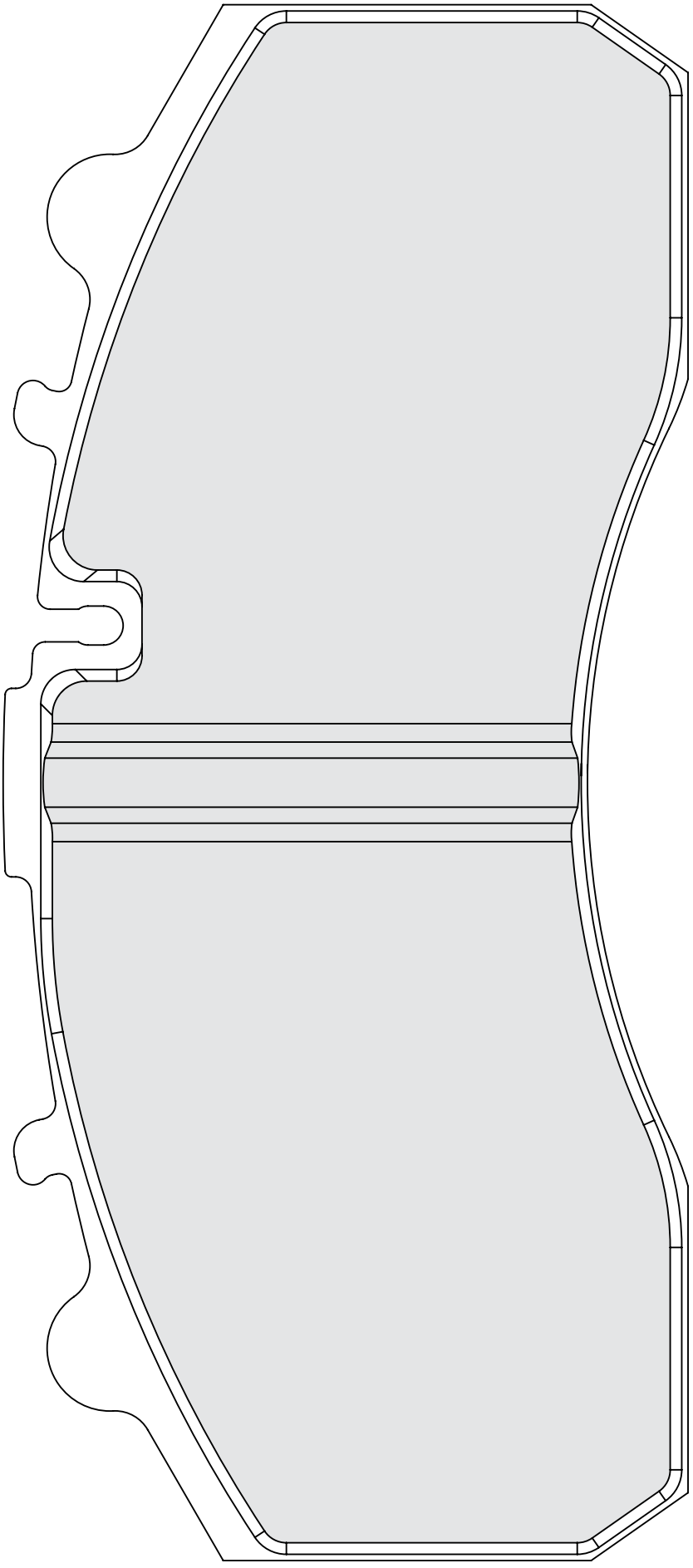
29 196 30,00 40 4

248 | 108 | 30 | KNORR SB7600 | -

IRISBUS Iveco 391 E- 393E - 397E

IVECO Eurocargo, Eurostar, Eurotech MH, Eurotech MP, Eurotech MT, Eurotrakker/Eurotrakker Cursor

KNORR-BREMSE All



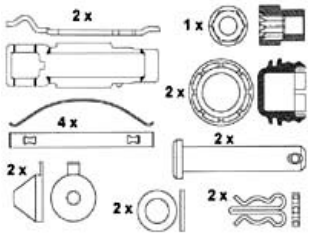
29 196 30,00 41 4

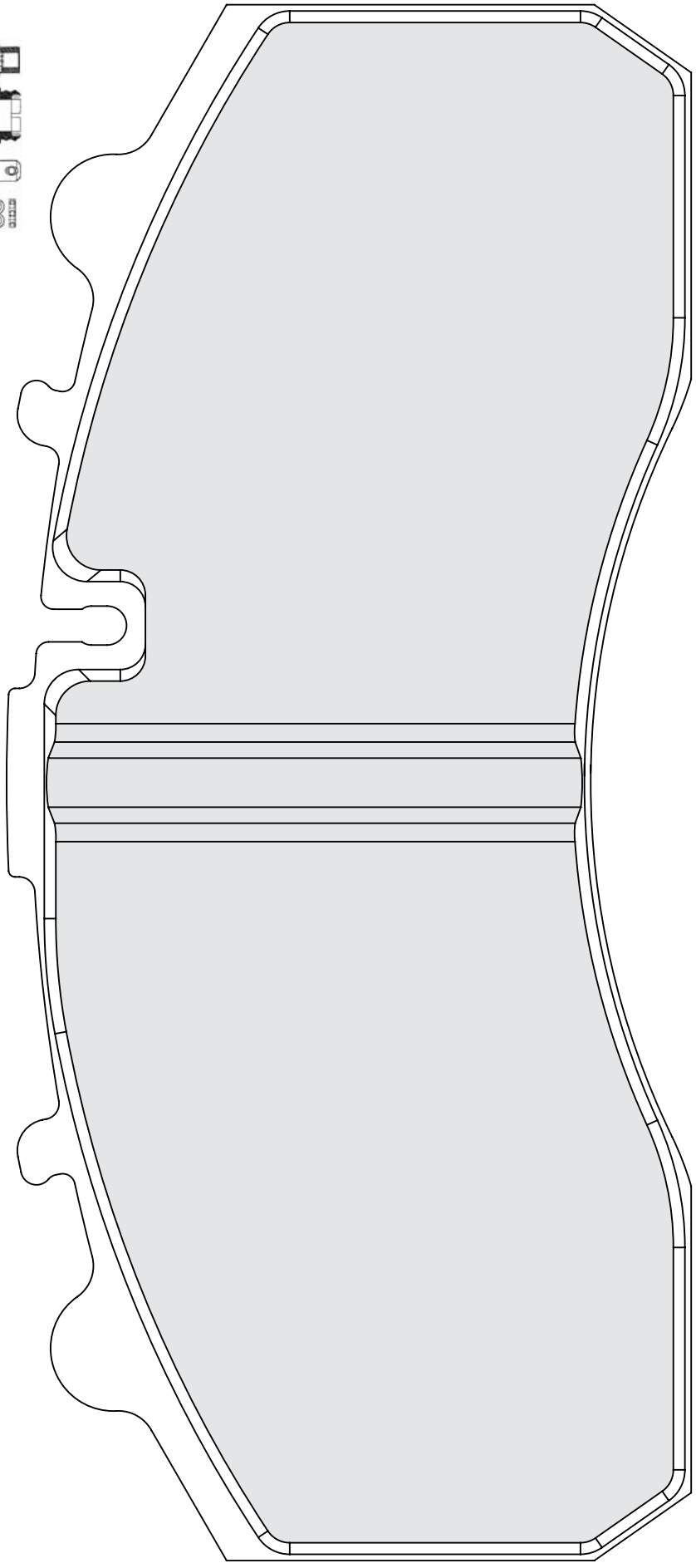
248 | 108 | 30 | KNORR SB7600 | -

IRISBUS Iveco 391 E- 393E - 397E

IVECO Eurocargo, Eurostar, Eurotech MH, Eurotech MP, Eurotech MT, Eurotrakker/Eurotrakker Cursor

KNORR-BREMSE All



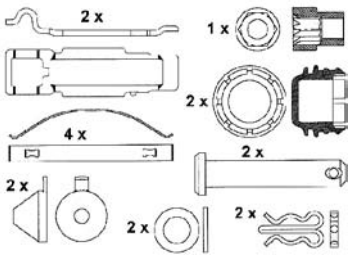


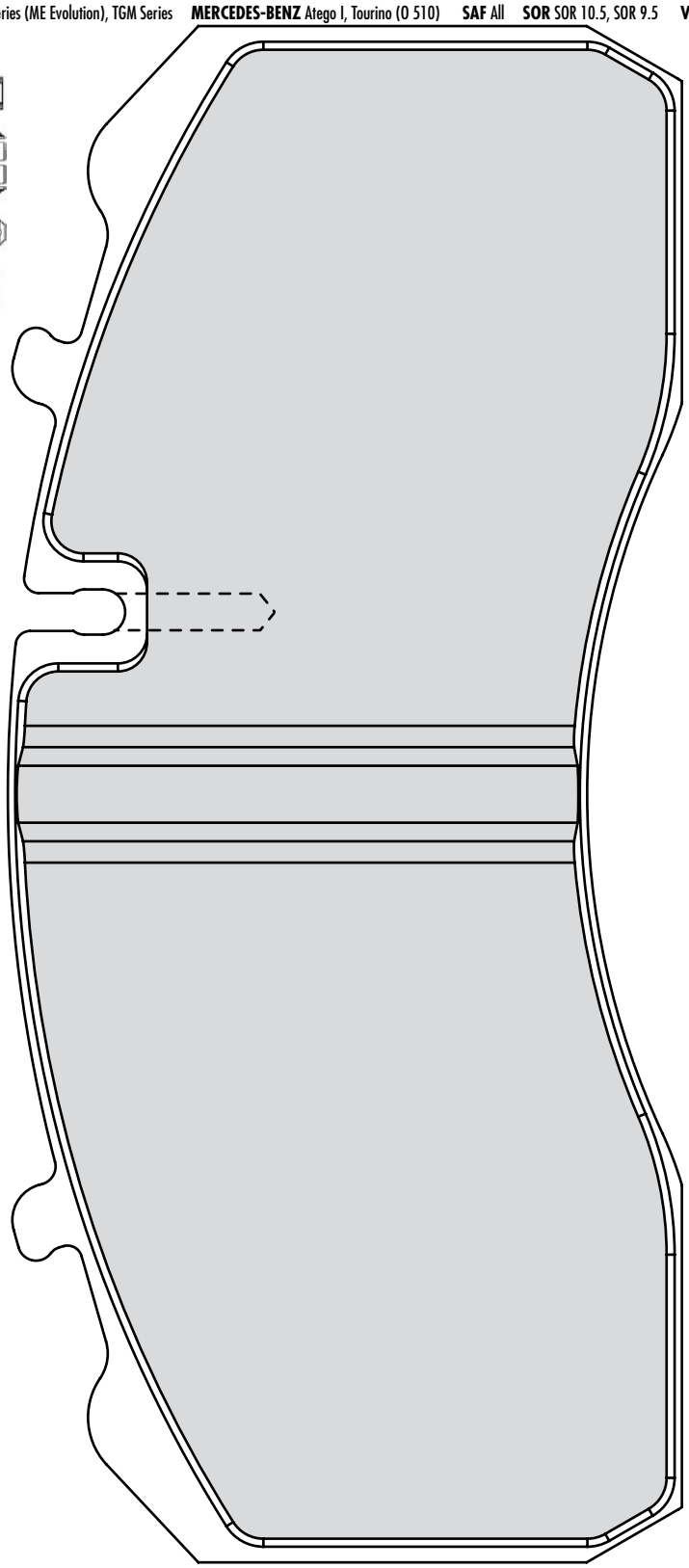
BERAL®

29 197 30,00 41 4

211 | 93 | 30 | KNORR SB/SN6 | -

BOVA Futura (3-Axle) **BPW** Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), SKH Series SB/SN6 (SB3745)**CRANE FRUEHAUF** All **DAF** SB200 **DISCOS** Trailer **ERNST AUWÄRTER** Clubstar
GIGANT GROUP S.A.E. (Dupillier), SMB, Trenkamp & Gehle **GRANNING LYNX** All **IRISBUS** Iveco Midway **IVECO** Eurocargo, Eurocargo Tector **KNORR-BREMSE** All
MAN Chassis, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TGM Series **MERCEDES-BENZ** Atego I, Tourino (O 510) **SAF** All **SOR** SOR 10.5, SOR 9.5 **VAN HOOL** All

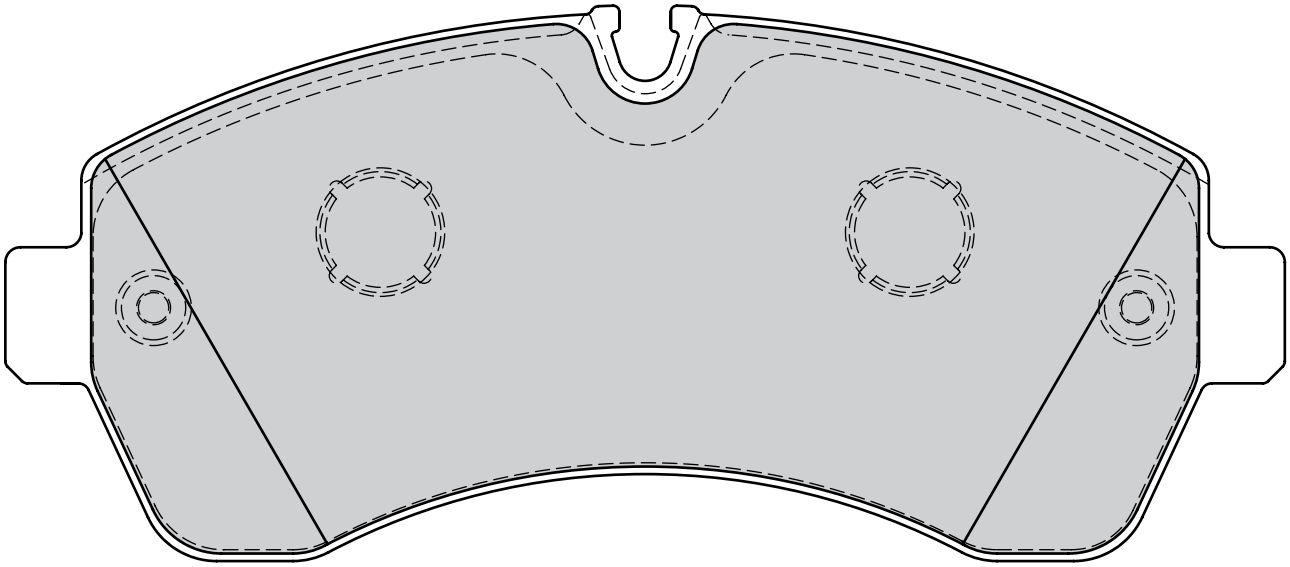




29 200 20,70 41 4

169.3 | 73.5 | 20.7 | BREMBO | -

MERCEDES-BENZ Sprinter 5-T (906)
VOLKSWAGEN Crafter 5 T

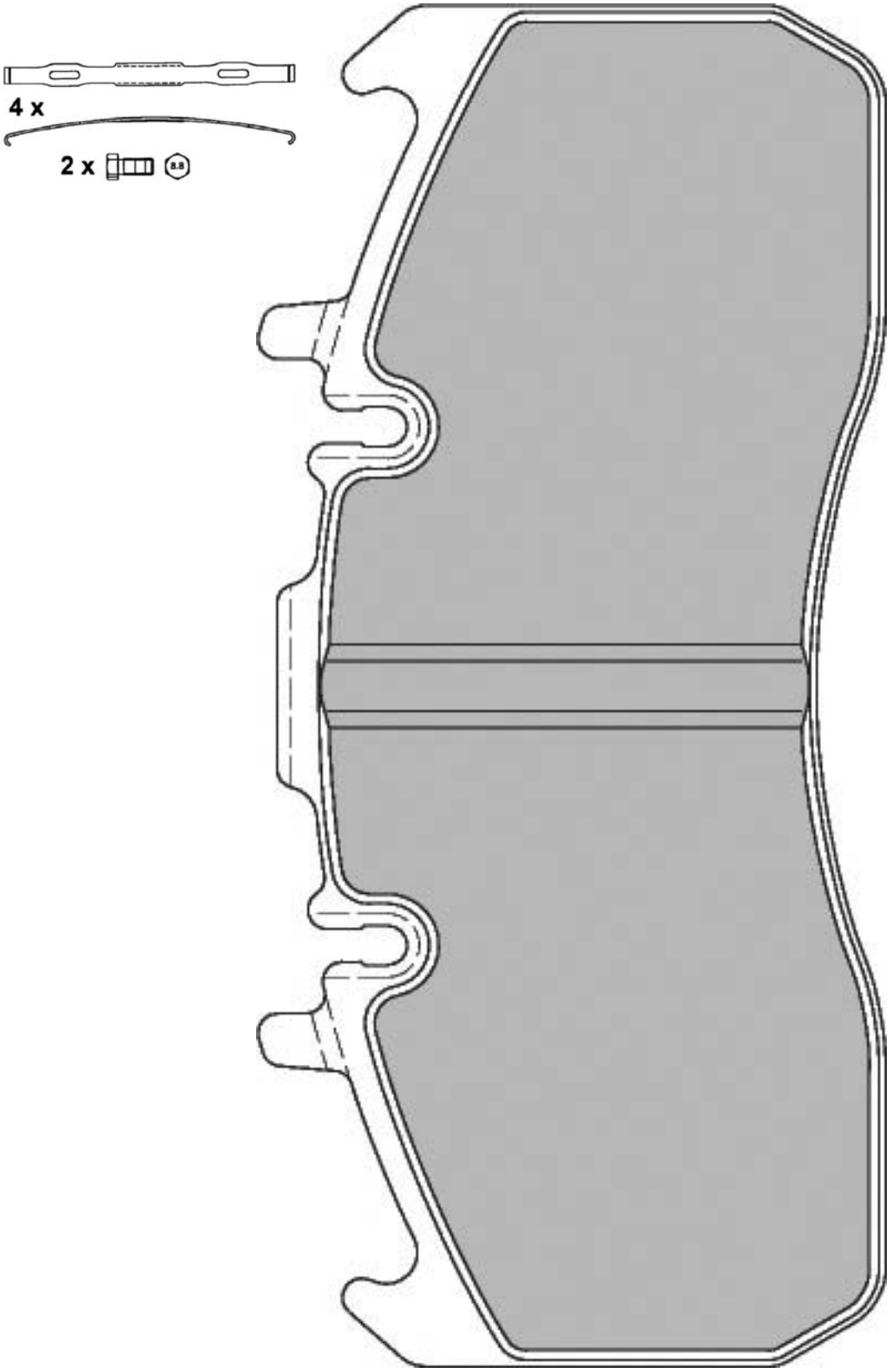


BERAL®

29 203 29,00 41 4

216 | 99.6 | 29 | MERITOR ELSA225-1 | -

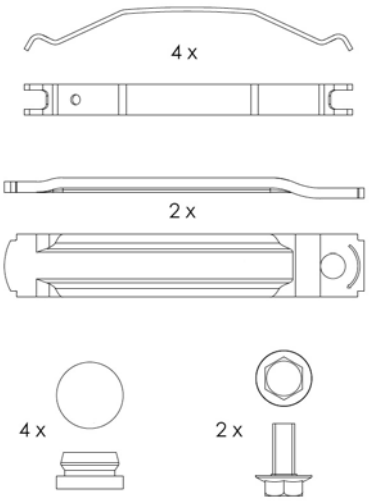
MERITOR All
RENAULT TRUCKS New Midlum Series
VOLVO FL Series

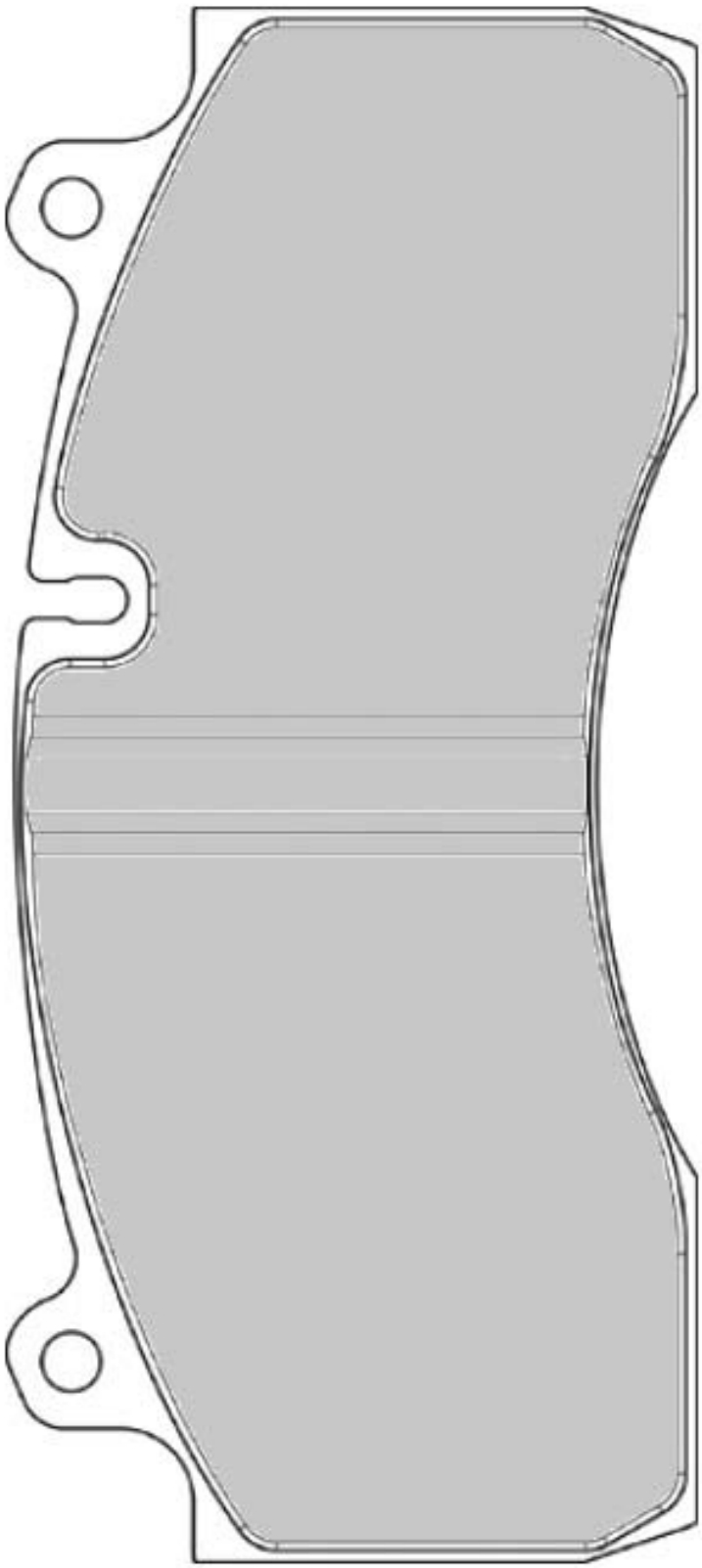


29 207 30,00 41 4

210 | 92 | 30 | HALDEX DB19 | -

GIGANT GROUP SMB
HALDEX DB19
RENAULT TRUCKS New Midlum Series Dxi
VOLVO FL Series

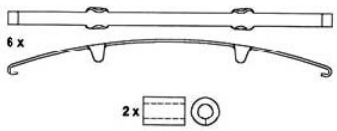


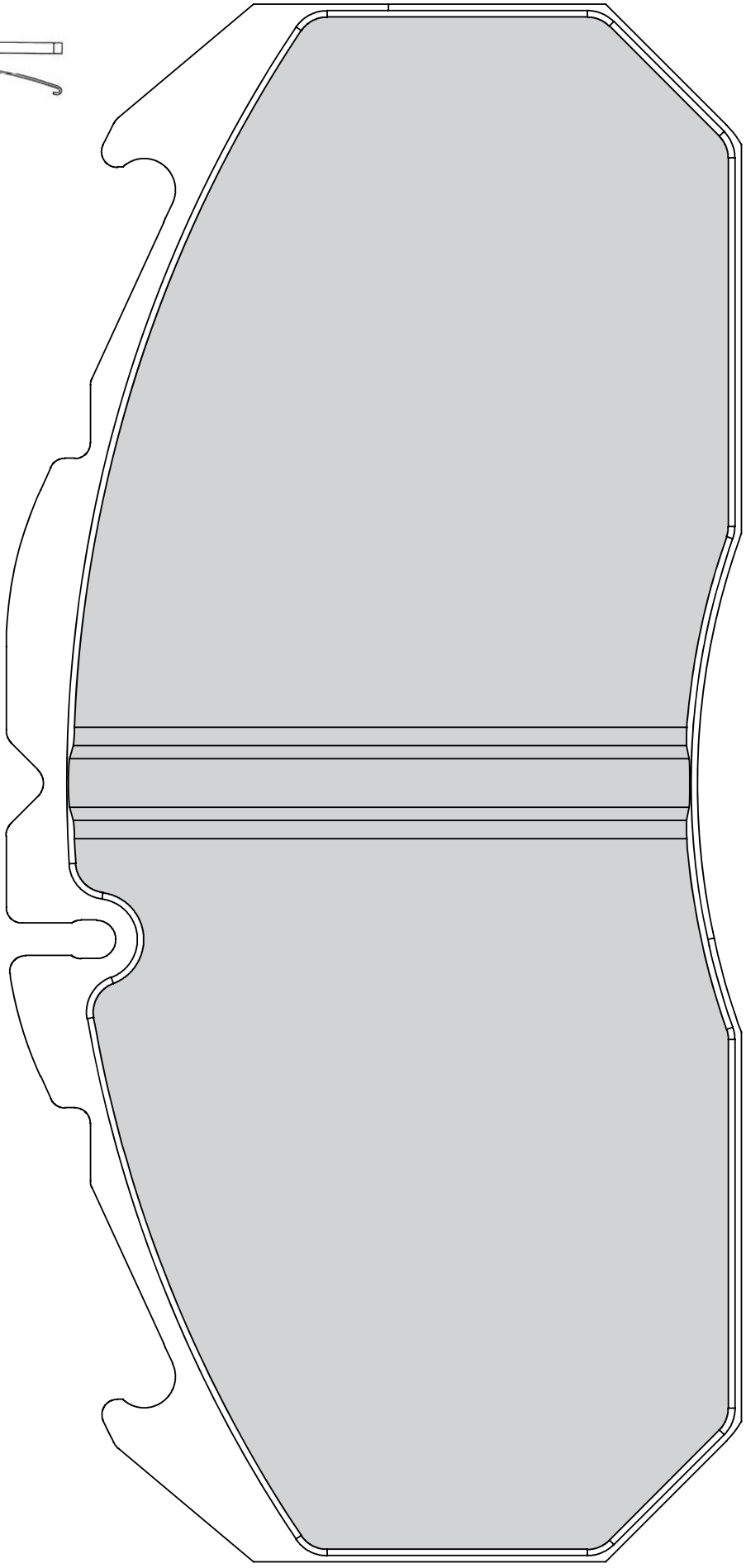


29 210 28,00 41 4

250 | 118 | 28 | MERITOR D3/D-ELSA 1 | -

DENNIS Lance **CAETANO PSV** Enigma 12m, Porto 12m **ERNST AUWÄRTER** Eurostar **ERF** ECS/ECT/ECX **IRISBUS** Agora, Citelis, Citybus, Heuliez GX317, Iliade
MAN Chassis, EL-Series, EM-Series, F2000-Series, F90-Series, Lions Coach, Lions Comfort:, Lions Star, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), NG Series:, NM-Series:, NU, TG-A Series:, UL
MERITOR All **OPTARE** Sigma **RENAULT TRUCKS** Magnum/AE Series, Major/R Series, Manager/G Series, Premium Distribution, Premium Route **SETRA** All, Comfortclass 300, Multiclass 300, TopClass 300
VAN HOOL All

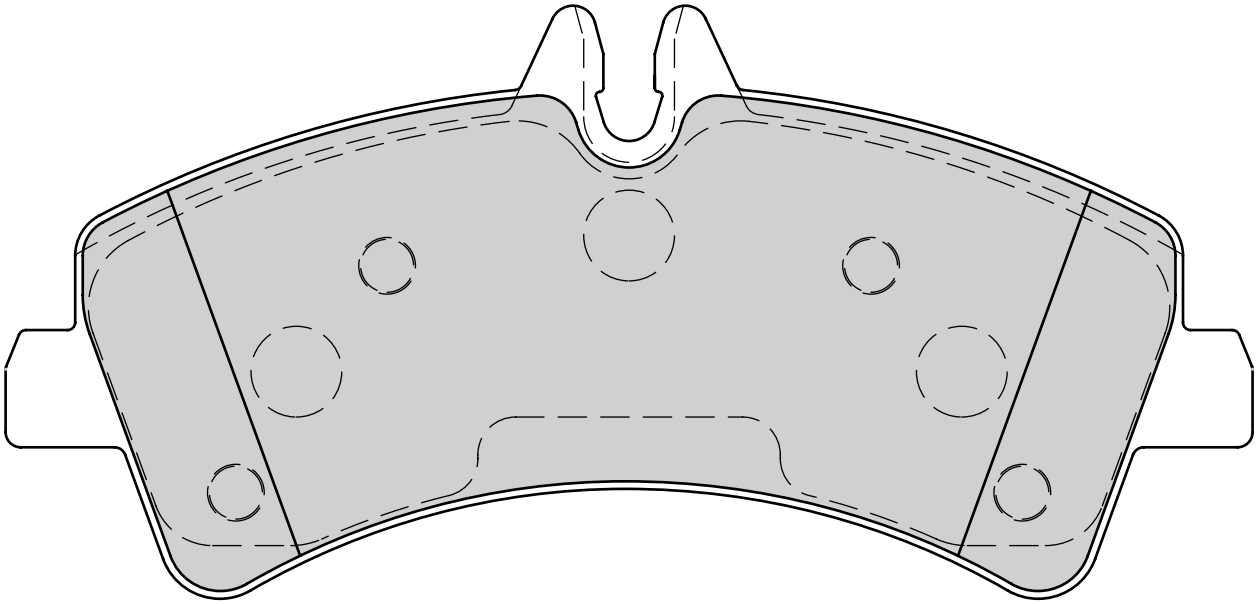




29 217 20,60 41 4

164.98 | 78.4 | 20,6 | BOSCH | -

MERCEDES-BENZ Sprinter 5-T (906)
VOLKSWAGEN Crafter 5 T



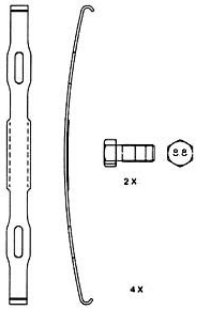
29 218 29,00 41 4

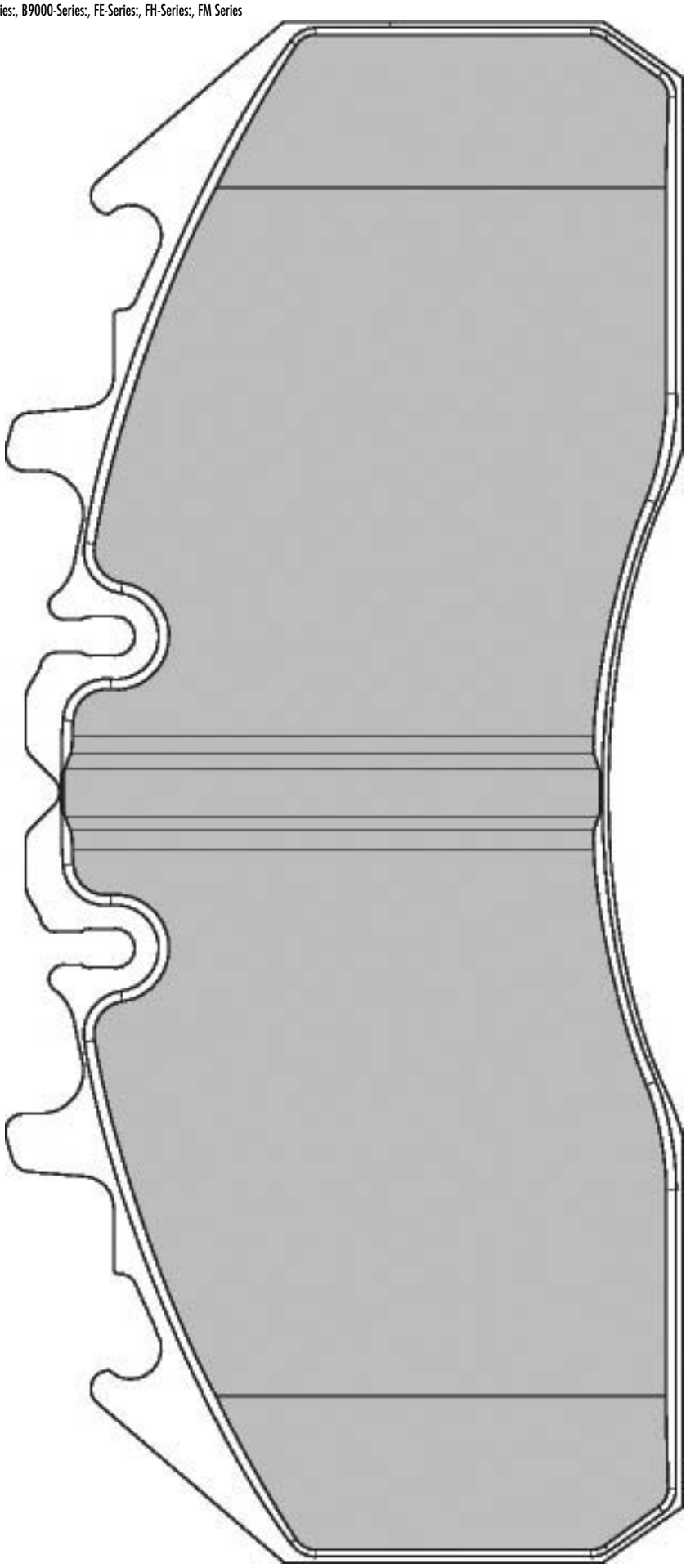
249.6 | 109.5 | 29 | MERITOR ELSA225-3 (EX-PNG) | -

MERITOR All

RENAULT TRUCKS Magnum DXi Series, New Magnum DXi Series, Premium 2 (Distribution/Route)

VOLVO B 12-Series:, B7000-Series:, B8000-Series:, B9000-Series:, FE-Series:, FH-Series:, FM Series

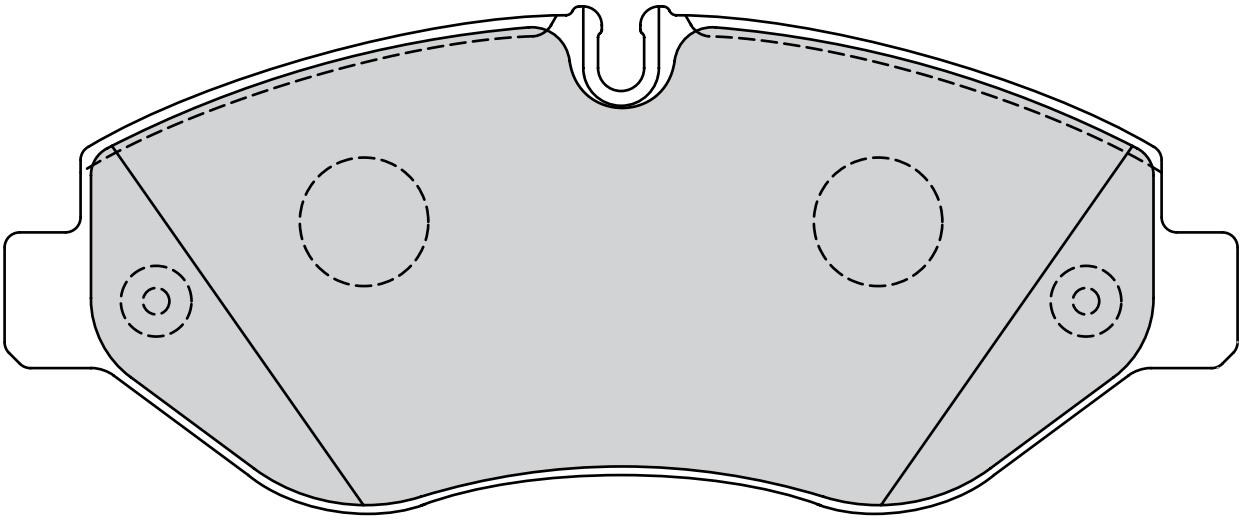




29 229 20,70 41 4

163.3 | 67.1 | 20.7 | BREMBO | -

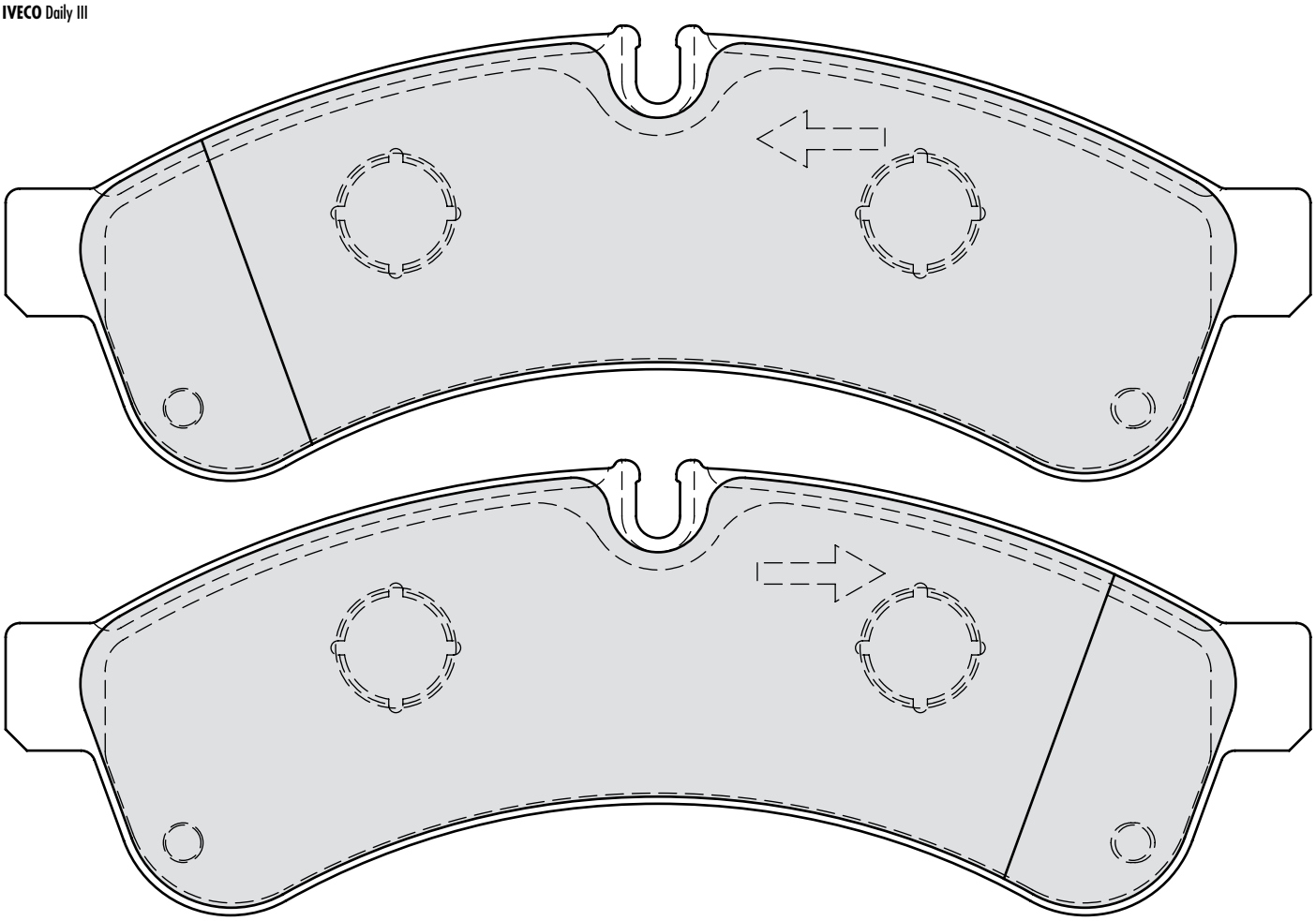
IVECO Daily III



29 231 22,70 41 3

184.2 | 64.2 | 22.7 | BREMBO | -

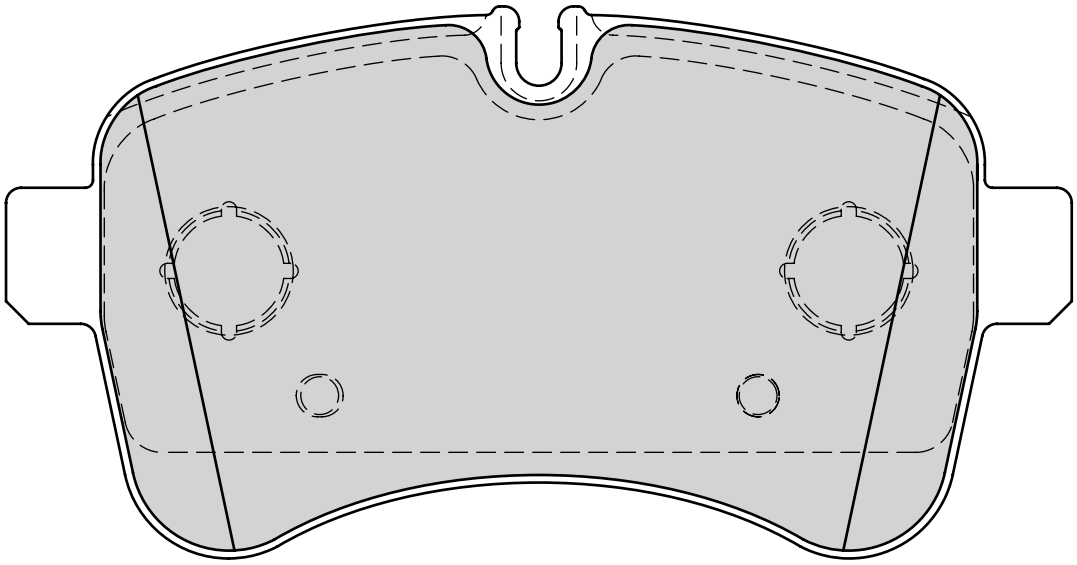
IVECO Daily III



29 232 20,70 41 4

141.3 | 72.5 | 20.7 | BREMBO | -

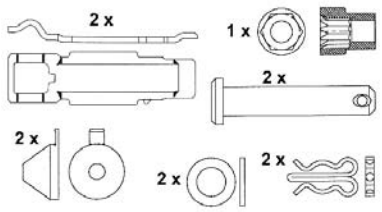
IVECO Daily III

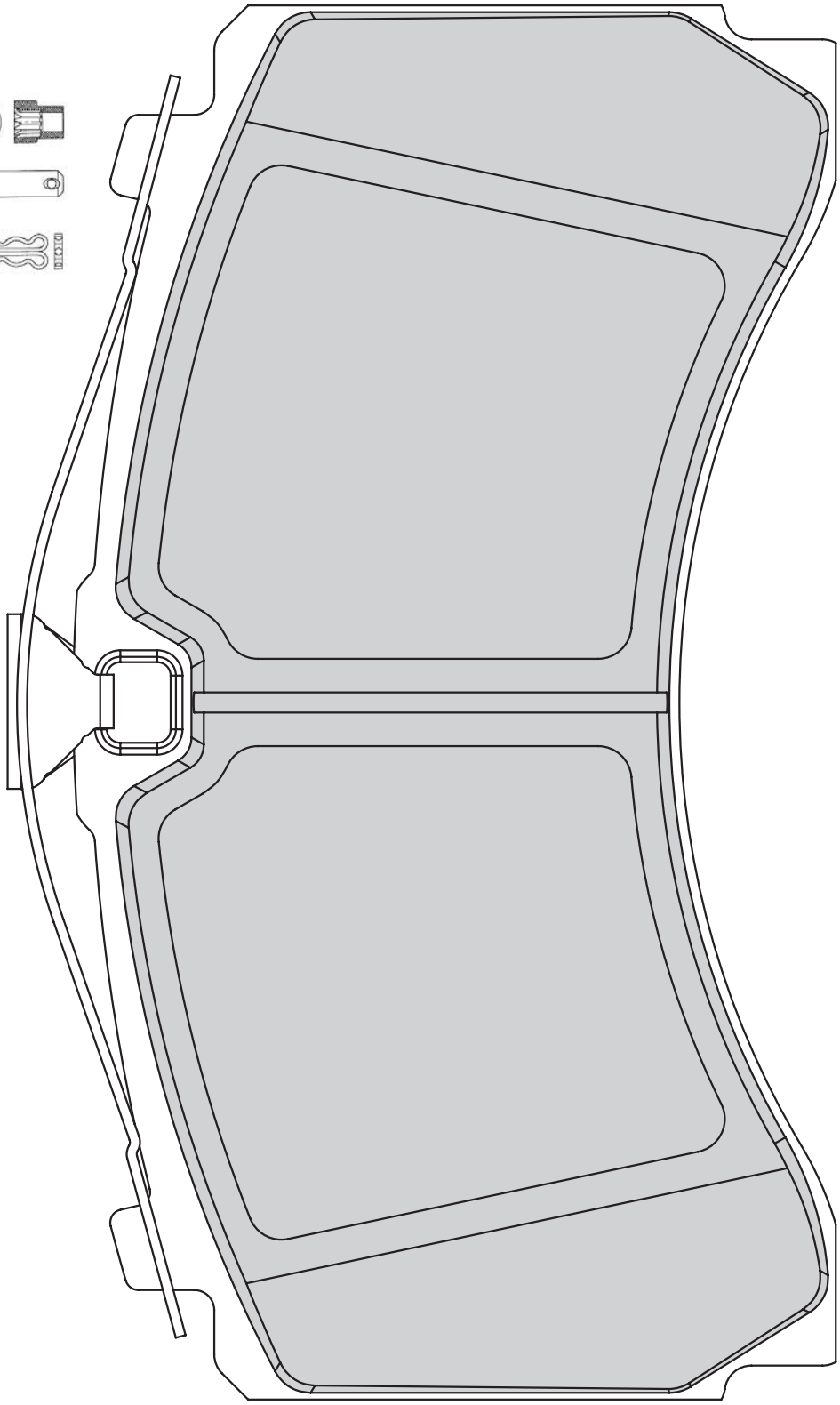


29 244 35,00 41 3

207.6 | 113.7 | 35/30 | KNORR SL7 | -

MERCEDES-BENZ Actros 2010, Actros 2011



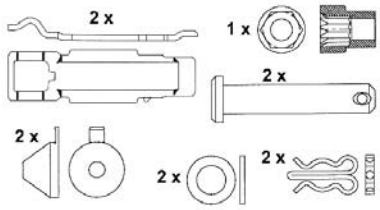


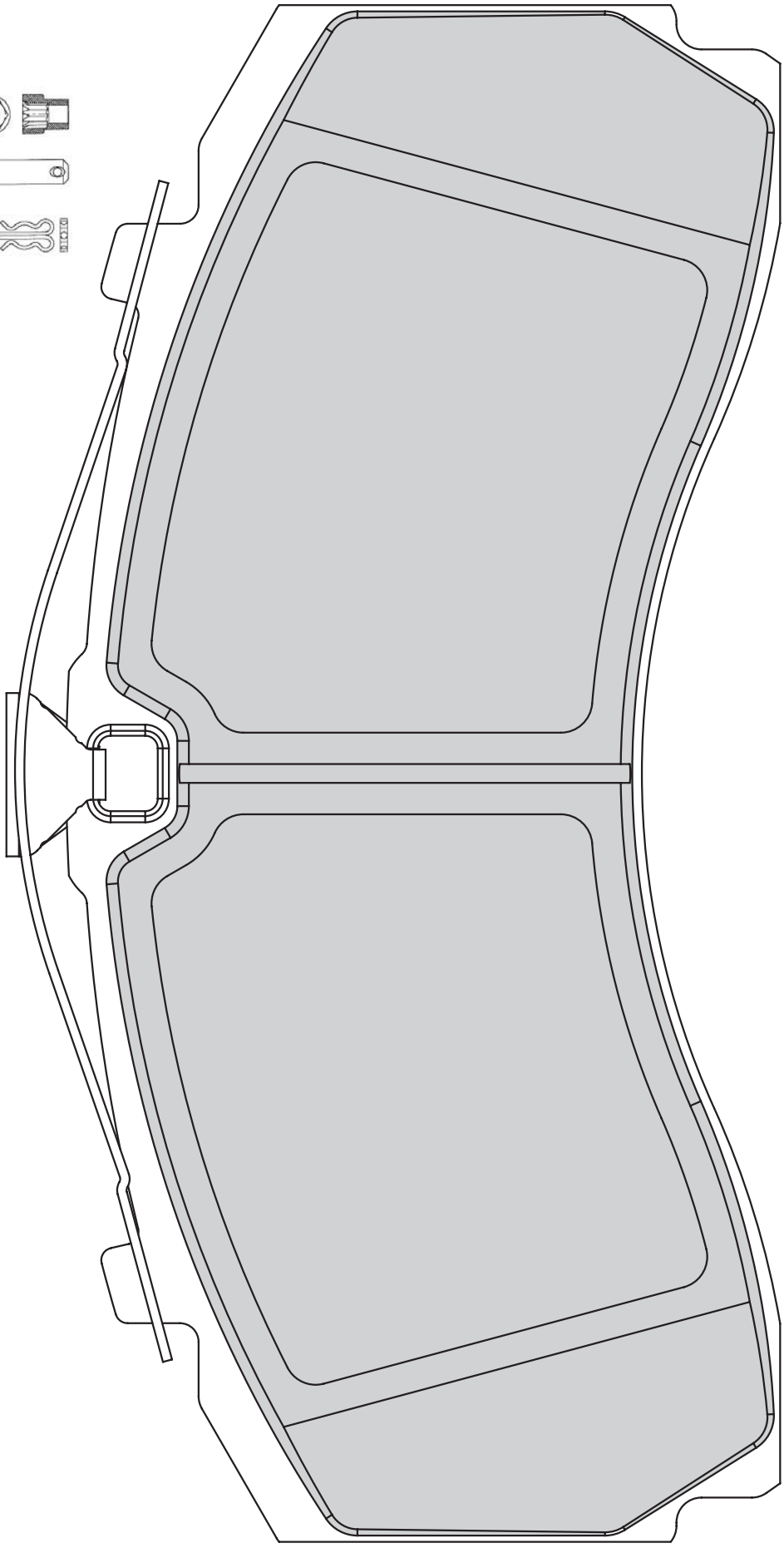
BERAL®

29 246 35,00 41 3

244.6 | 113.7 | 35/30 | KNORR SM7 | -

MERCEDES-BENZ Actros 2010, Actros 2011

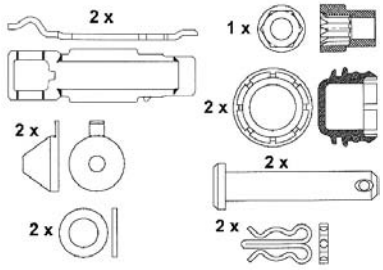


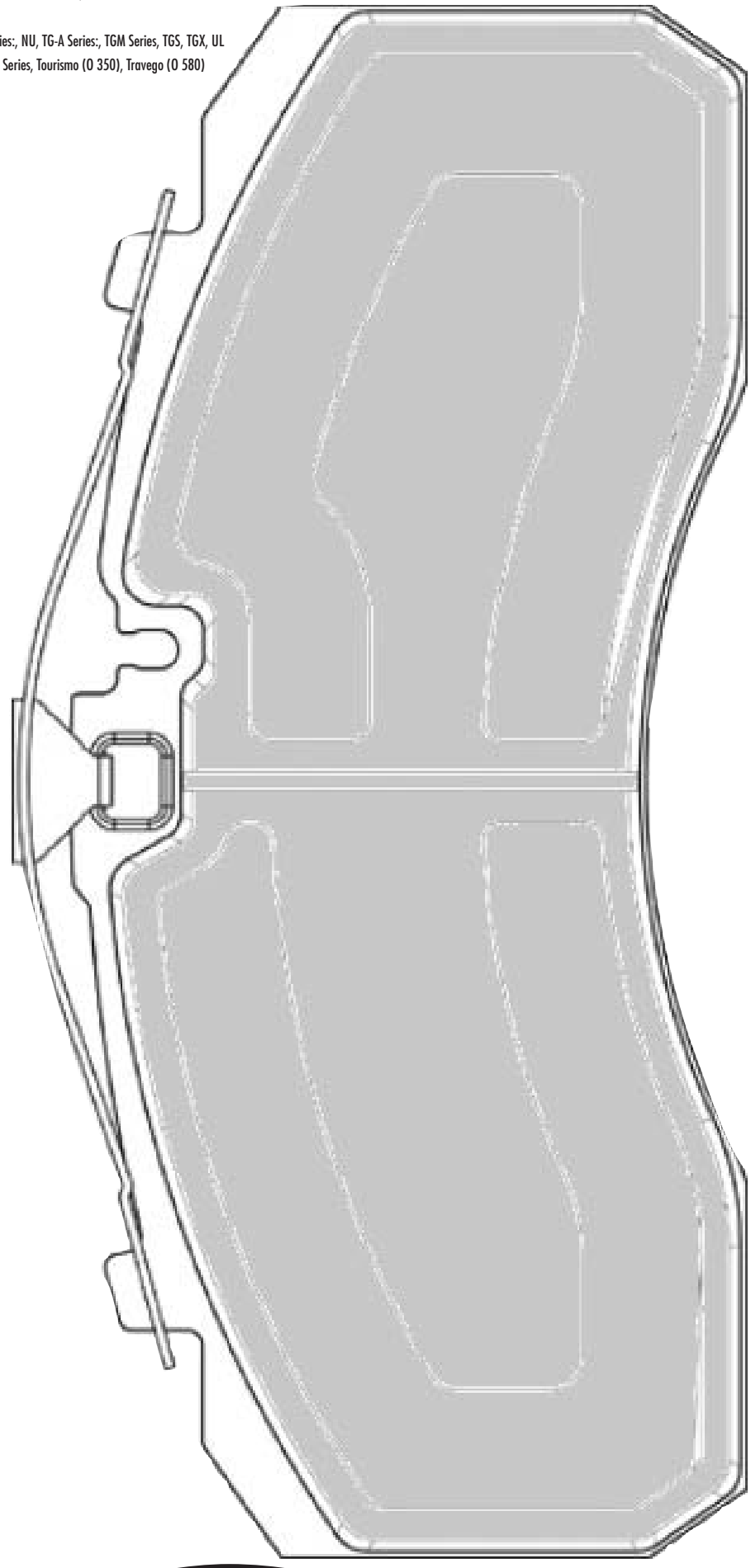


29 253 30,00 41 4

248 | 108 | 30 | KNORR SB/SN7 | -

ACERBI All **BERKHOF PSV** Excellence, Scania Chassis **BPW** Eco Plus SB/SN7 (SB4345), SH Series SB/SN7 (SB4345)
CRANE FRUEHAUF All **DAF** Truck **DENNIS** R Series **DISCOS** Trailer **ERF** ECS/ECT/ECX **FODEN** Alpha
GIGANT GROUP S.A.E. (Dupillier), SMB, Trenkamp & Gehle **GRANNING LYNX** All
IVECO Eurocargo, Eurocargo Tector, Eurostar, Eurotech MH, Eurotrakker/Eurotrakker Cursor, Stralis
KAROSA B930, B940 Articulated **KNORR-BREMSE** All **LIAZ** All
MAN EL-Series, Lions Coach, Lions Comfort:, Lions Star, NG Series:, NM-Series:, NU, TG-A Series:, TGM Series, TGS, TGX, UL
MERCEDES-BENZ Actros I, Actros II/III, Atego II, Axor, Econic, Powerliner Series, Tourismo (O 350), Travego (O 580)
OPTARE Solero **SAMRO** Axles with Disc Brakes **SCANIA** All
SEDDON ATKINSON Municipal Vehicles
SETRA Comfortclass 400, Multiclass 300, TopClass 300, TopClass 400
VAN HOOL All **ZF** All



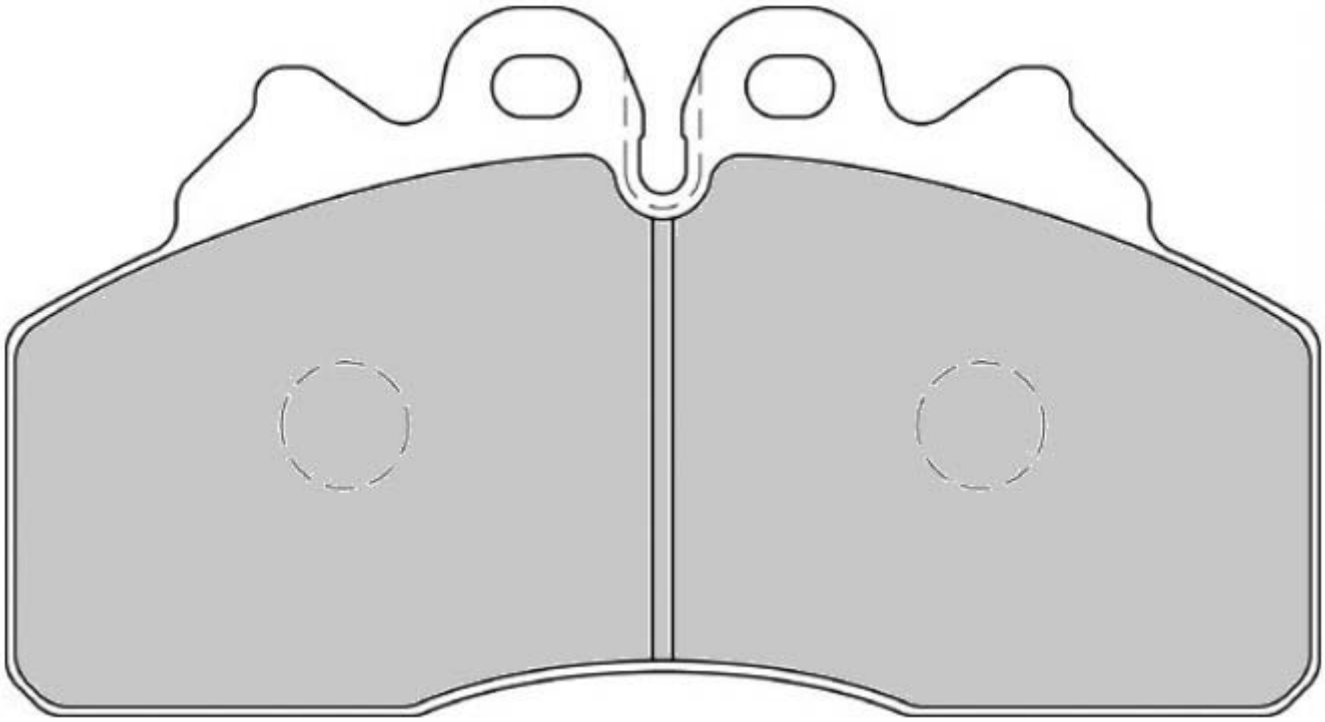


BERAL®

29 256 27,00 40 4

175.4 | 95 | 27 | BREMBO 2X68 | -

IVECO Eurocargo



29 302 21,90 40 4

176 | 80 | 22 | MERITOR 2X68 | -

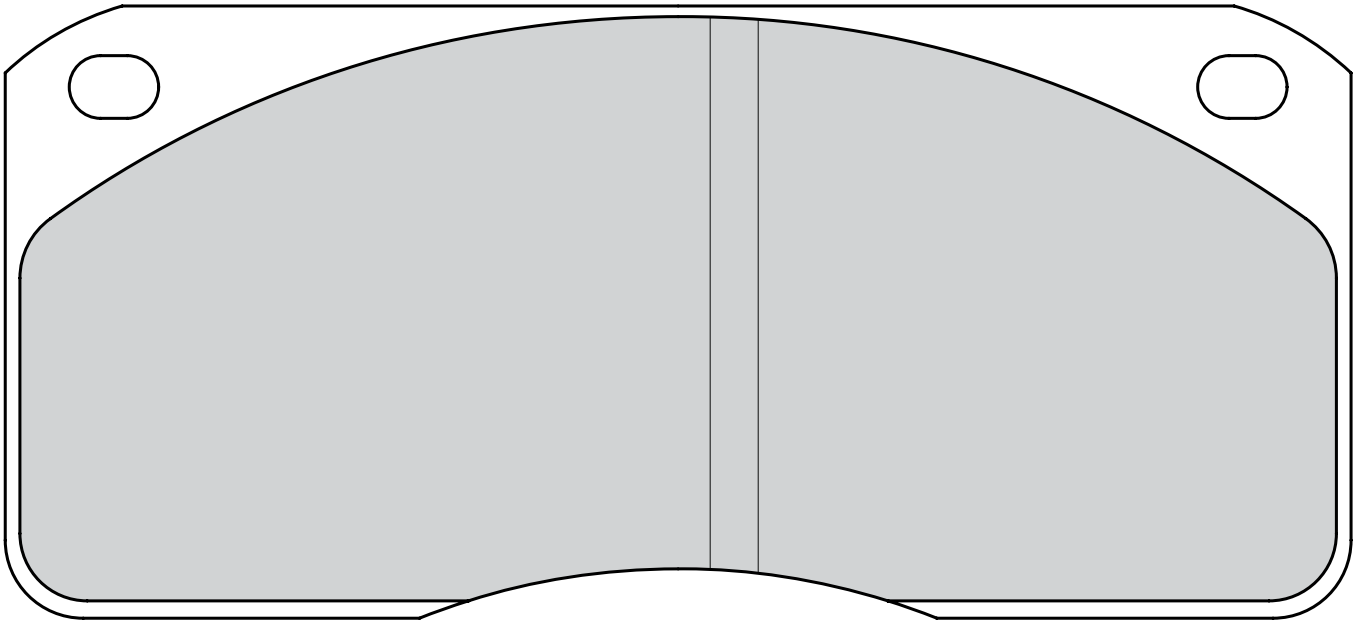
AWD TL Range:

FORD Cargo:

MCW Metrorider

OPTARE Metrorider, Nouvelle SR, Solo

VOLVO FL 4 Series:, FL 6-Series:

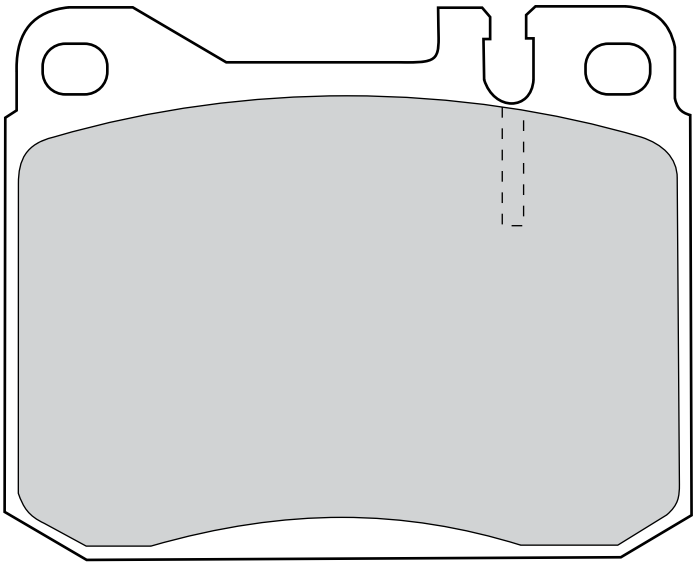


29 581 15,00 40 4

90 | 74 | 15 | ATE | -

available also/auch verfuegbar 29 581 19,00 40 4

MERCEDES-BENZ MB-Trac, Unimog

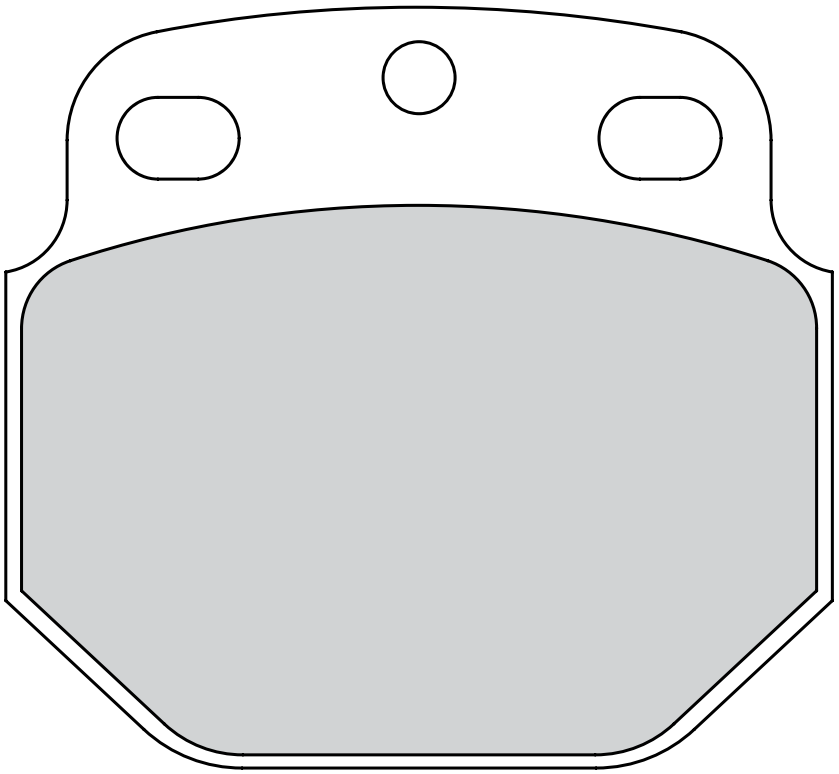


29 688 25,00 40 8* / FCV961

110 | 99 | 25 | KNORR K 65 | -

IRISBUS Iveco Magirus

KNORR-BREMSE All

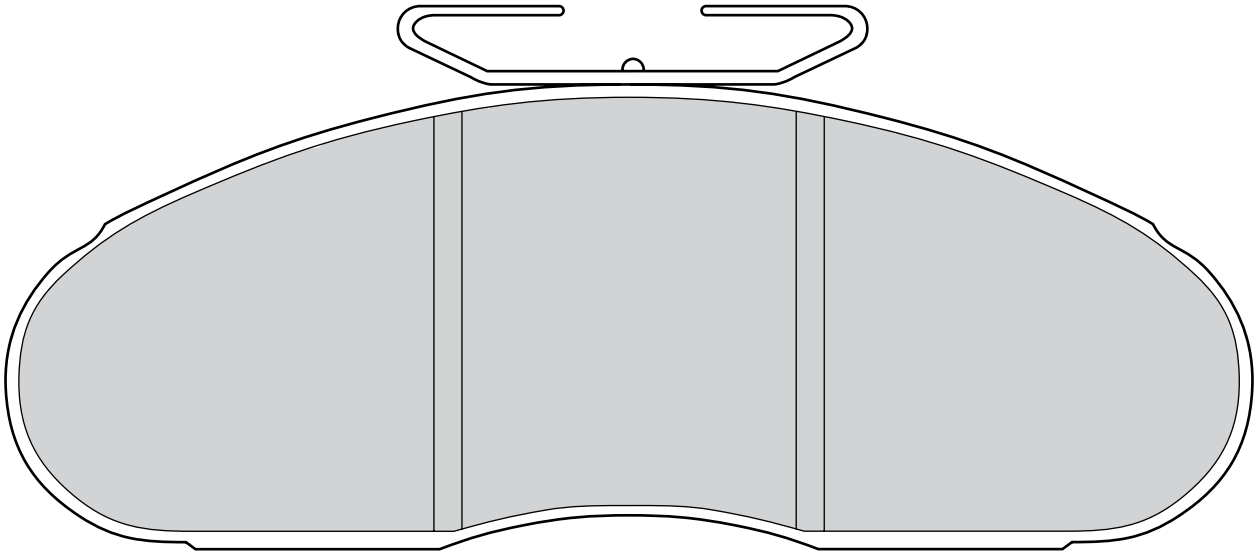


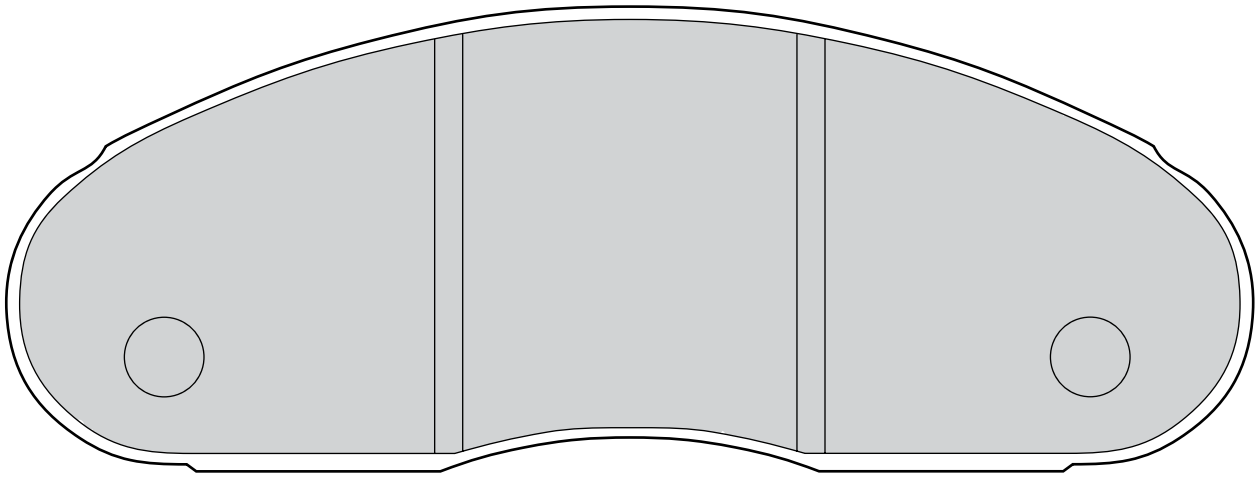
BERAL®

29 706 17,00 40 3* / FVR791

167 | 62 | 17 | TRW | -

NISSAN Trade
RENAULT Trafic I (80?01)
RENAULT TRUCKS B Series

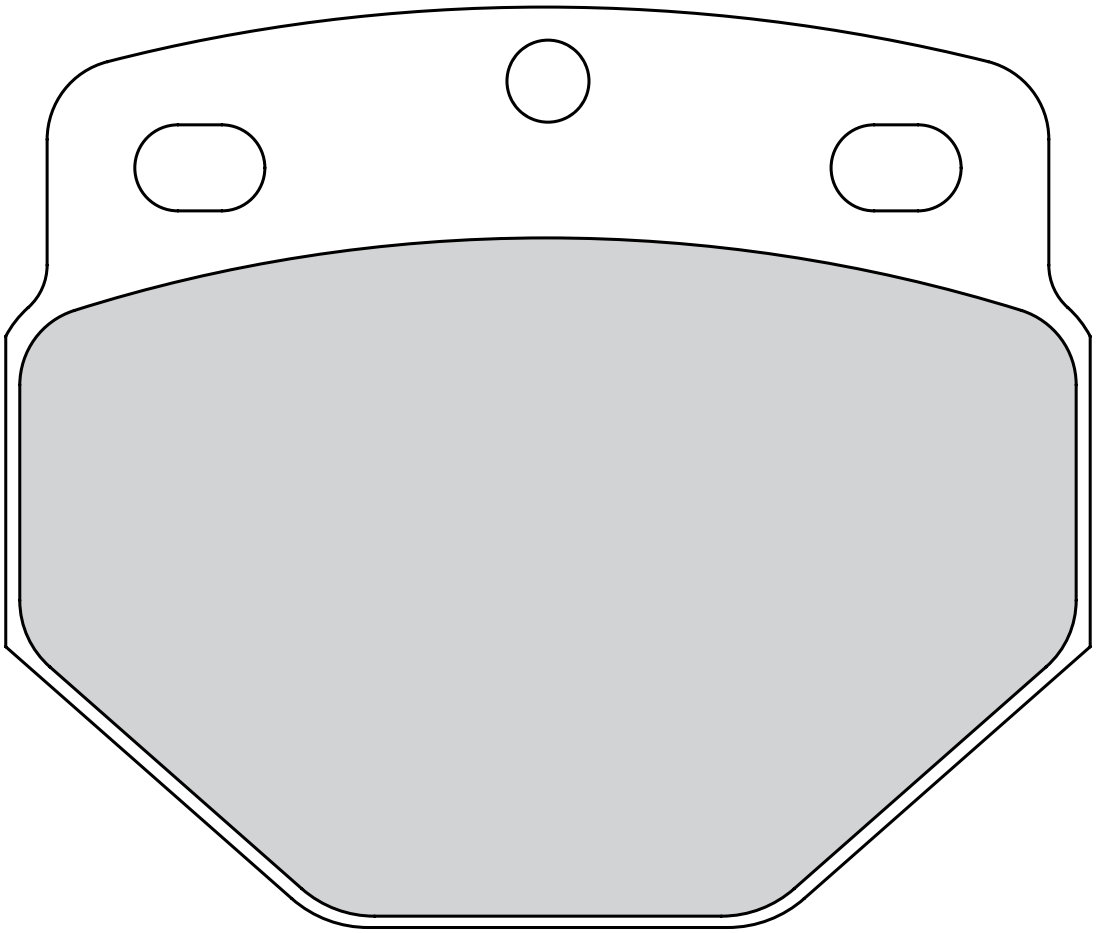




29 747 32,00 40 8

140 | 121 | 32 | KNORR K 85 | -

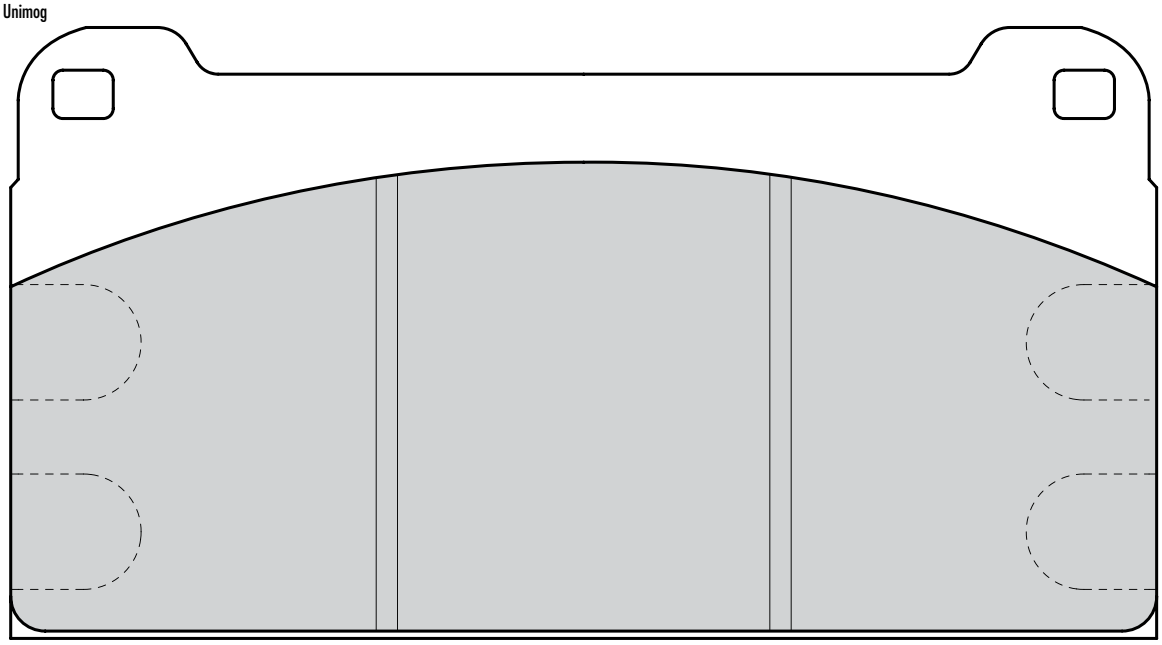
BOVA Futura
DAF MB230, SB2300, SB2305, SB2705, SB3000, SBR3000
KNORR-BREMSE All
MAN Lions Star
NEOPLAN All
SETRA All
VAN HOOL All



29 764 20,30 41 6

150 | 81 | 20 | ATE | FITTED (4)

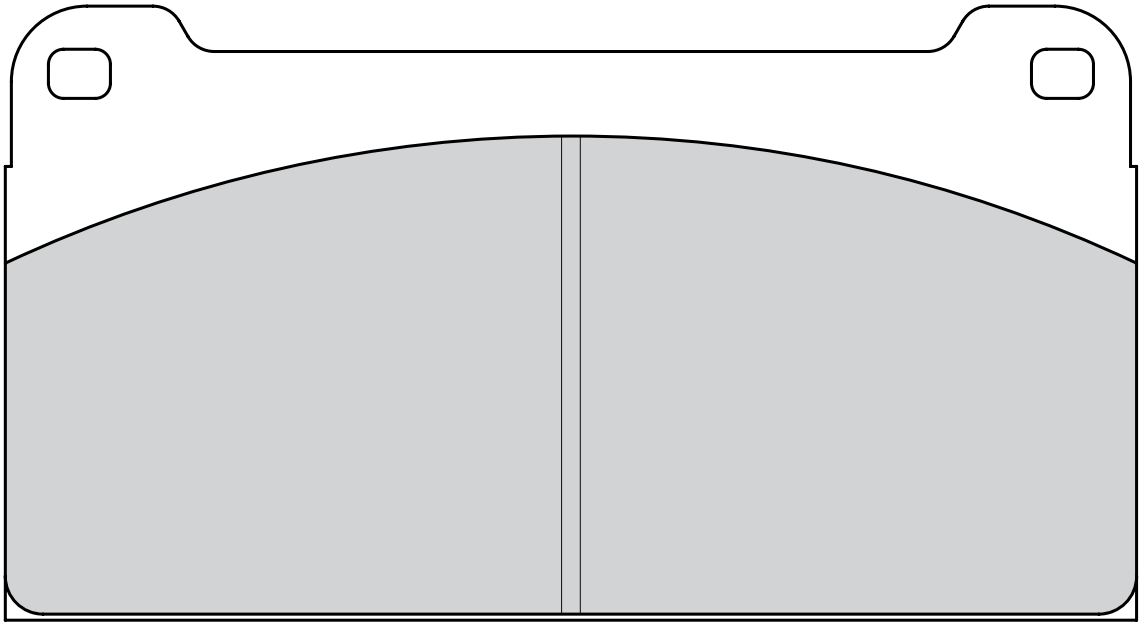
MERCEDES-BENZ Unimog



29 765 20,30 41 3

150 | 81 | 20 | ATE | FITTED (2)

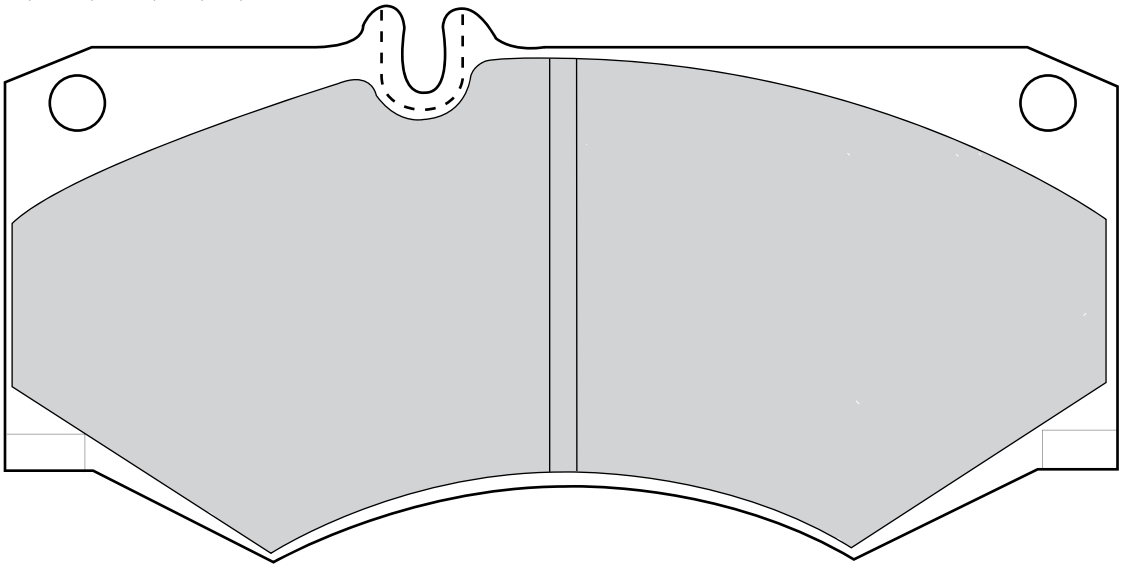
MERCEDES-BENZ Unimog



29 784 18,00 40 4

149 | 74 | 18 | WABCO | -

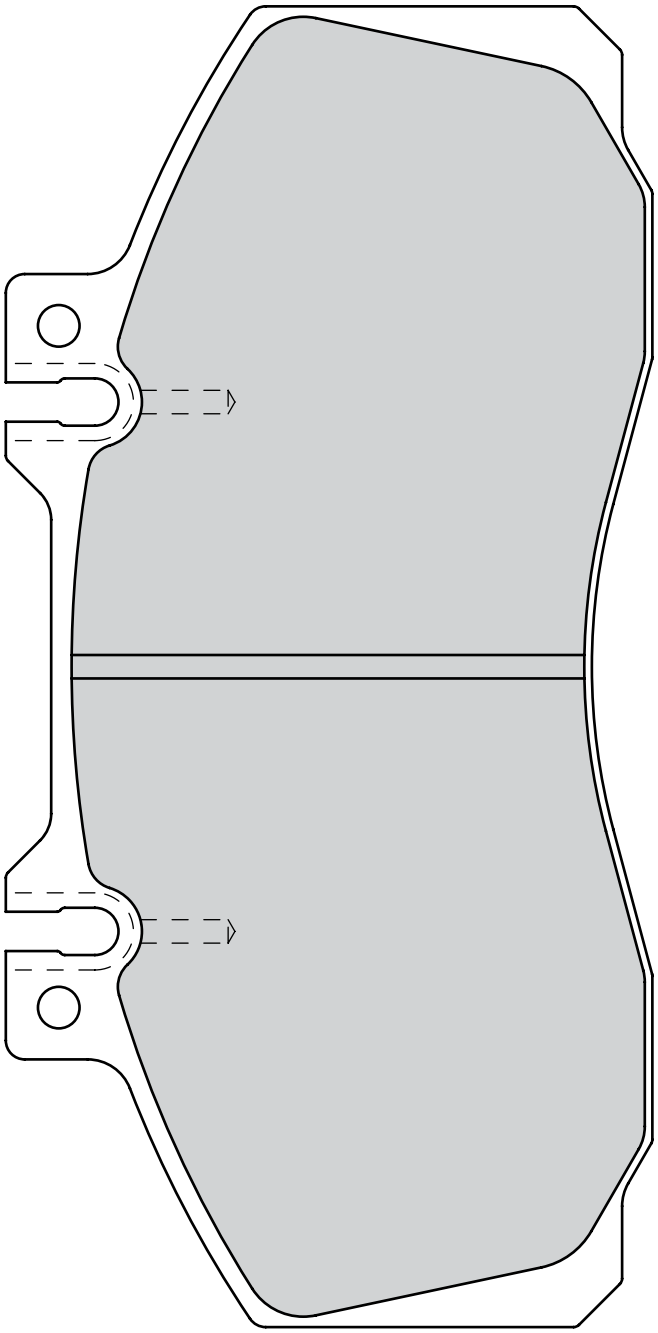
MERCEDES-BENZ Mini Bus, T 1 (601), T 1 (602), T 1/TN, T 2/L, T 2/LN1



29 835 21,70 40 4

175 85 22 MERITOR -

MERCEDES-BENZ MB100, T 2/LN1, Vario, Vario Minibus

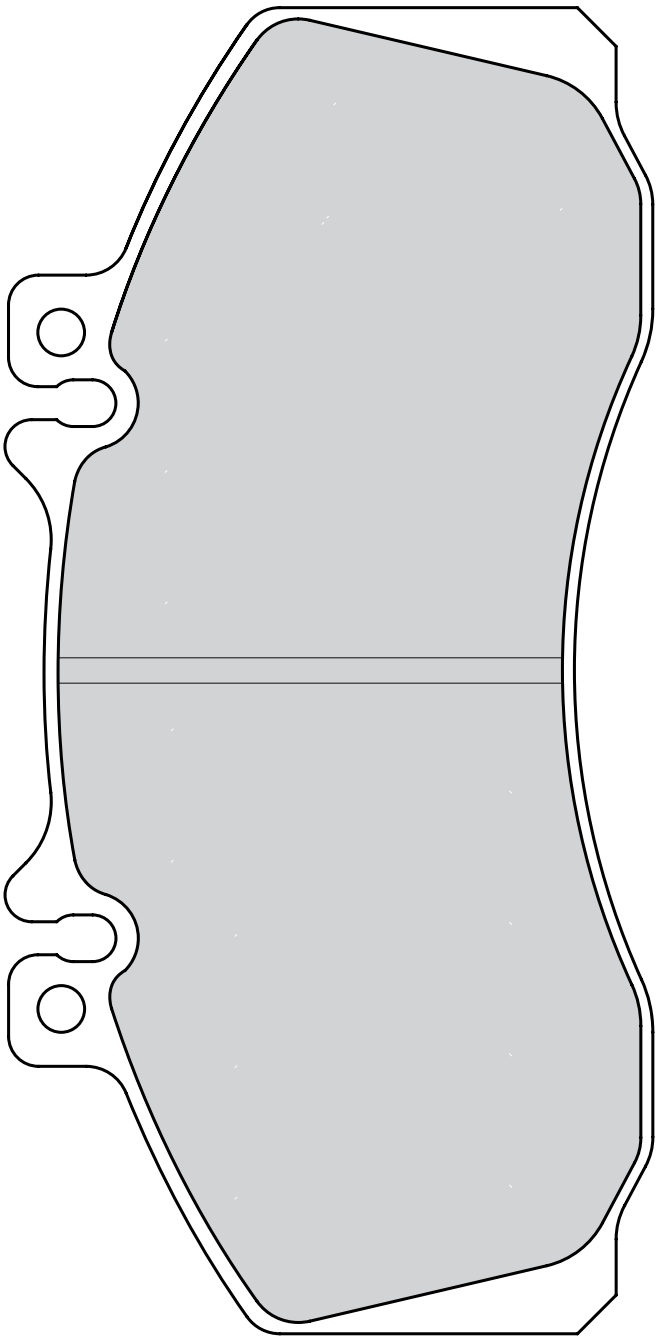


BERAL®

29 835 22,00 40 4

175 | 85 | 22 | MERITOR | -

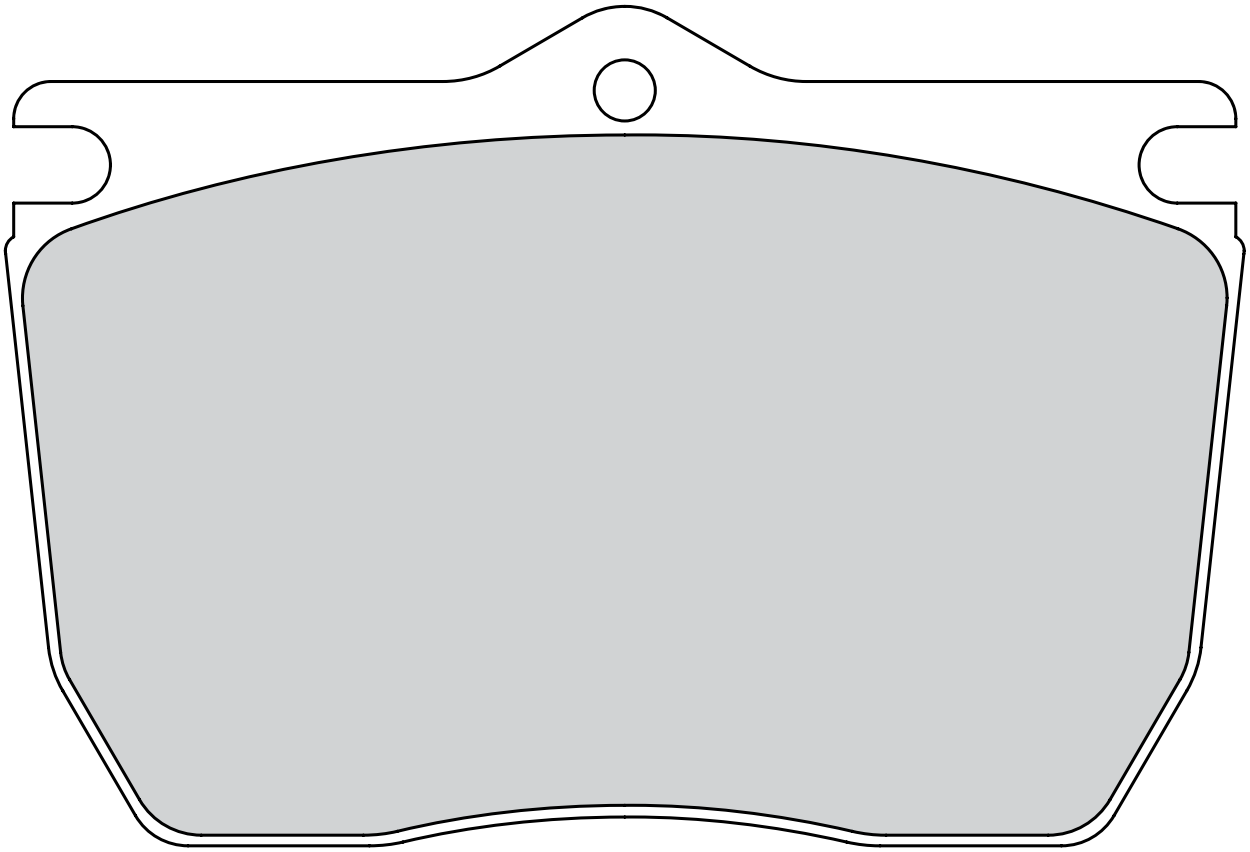
ALEXANDER PSV ALX 100, Mini
ERNST AUWÄRTER Economy, Teamstar
MERCEDES-BENZ Medio (Midibus), O 409 (5 to 7,5):, O 609/O 611/O 614:, Sprinter (905)
OPTARE Starider



FCV898

162 | 111 | 28 | WABCO | -

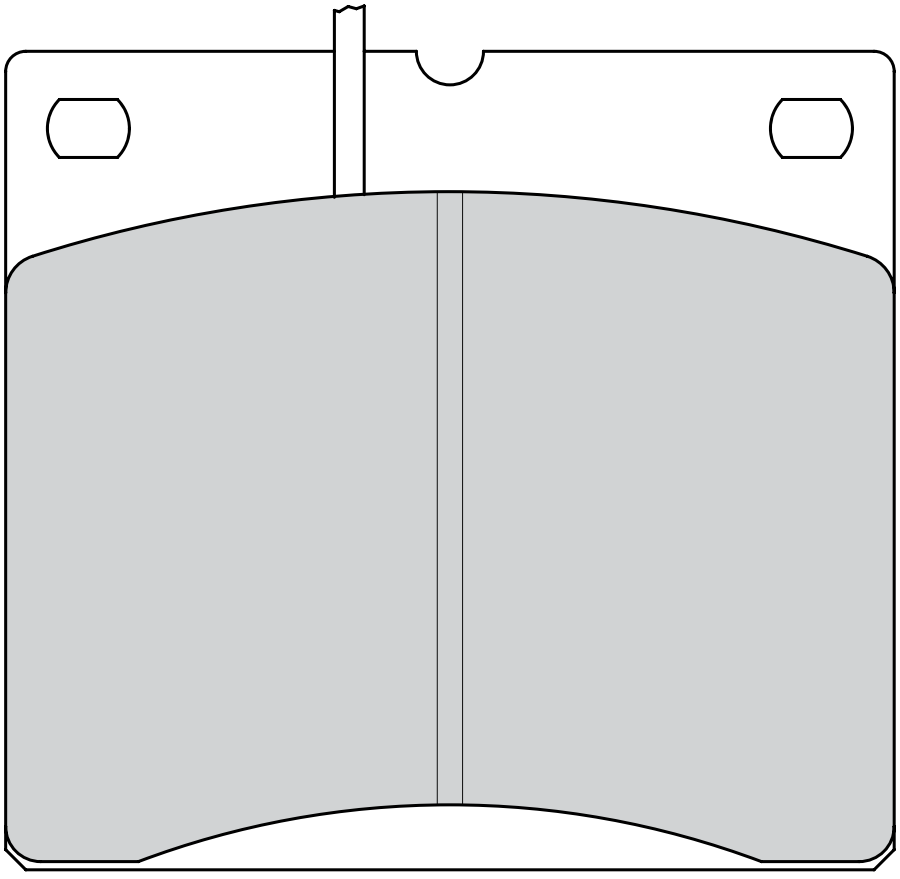
INBUS F140 (Filobus), U210 - S210 - 1330
IRISBUS Iveco 471



FCV964

118 | 107 | 21.5 | BREMBO | FITTED (2)

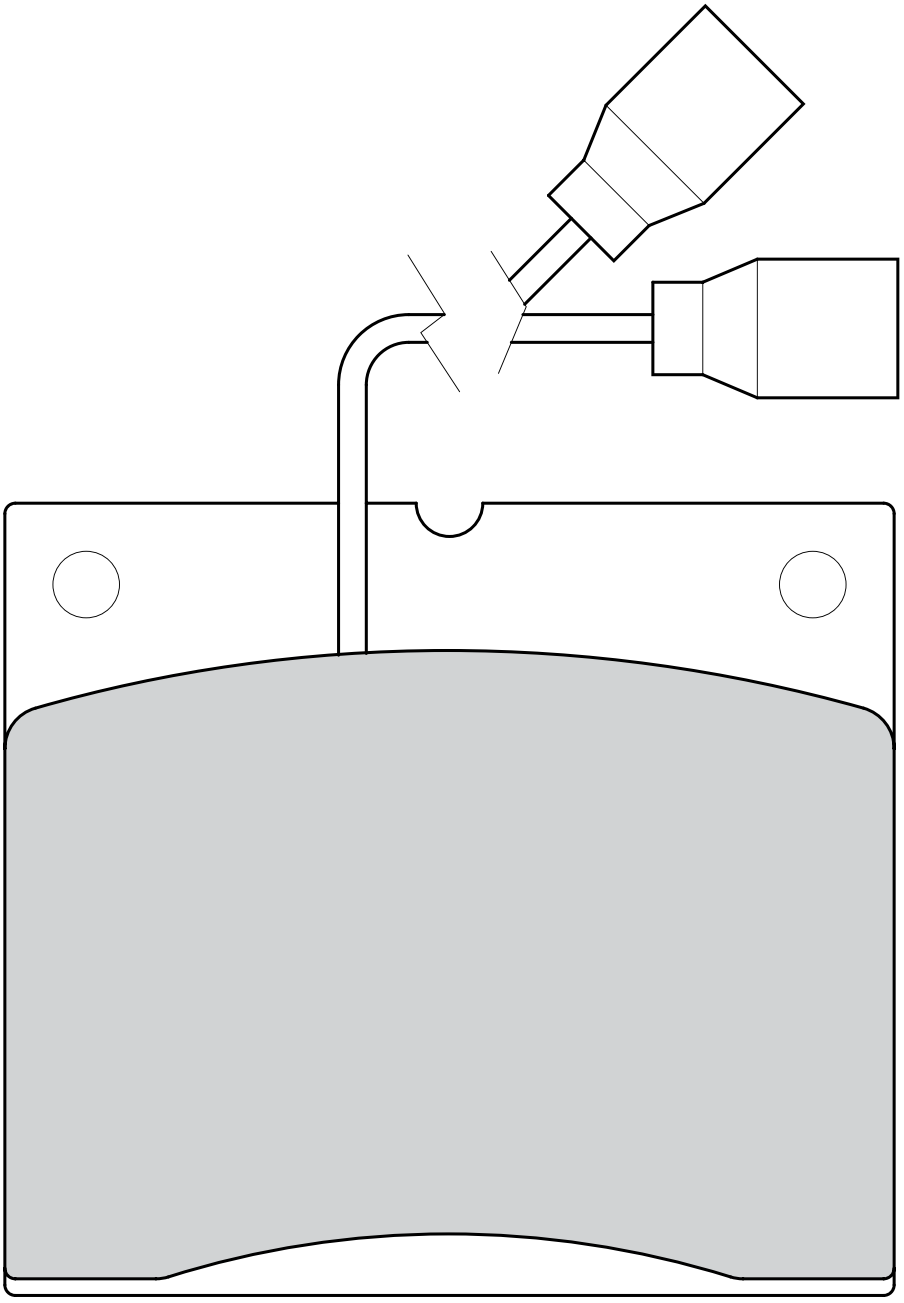
MENARINI All



FCV1053

118 | 107 | 21.5 | BREMBO | FITTED (2)

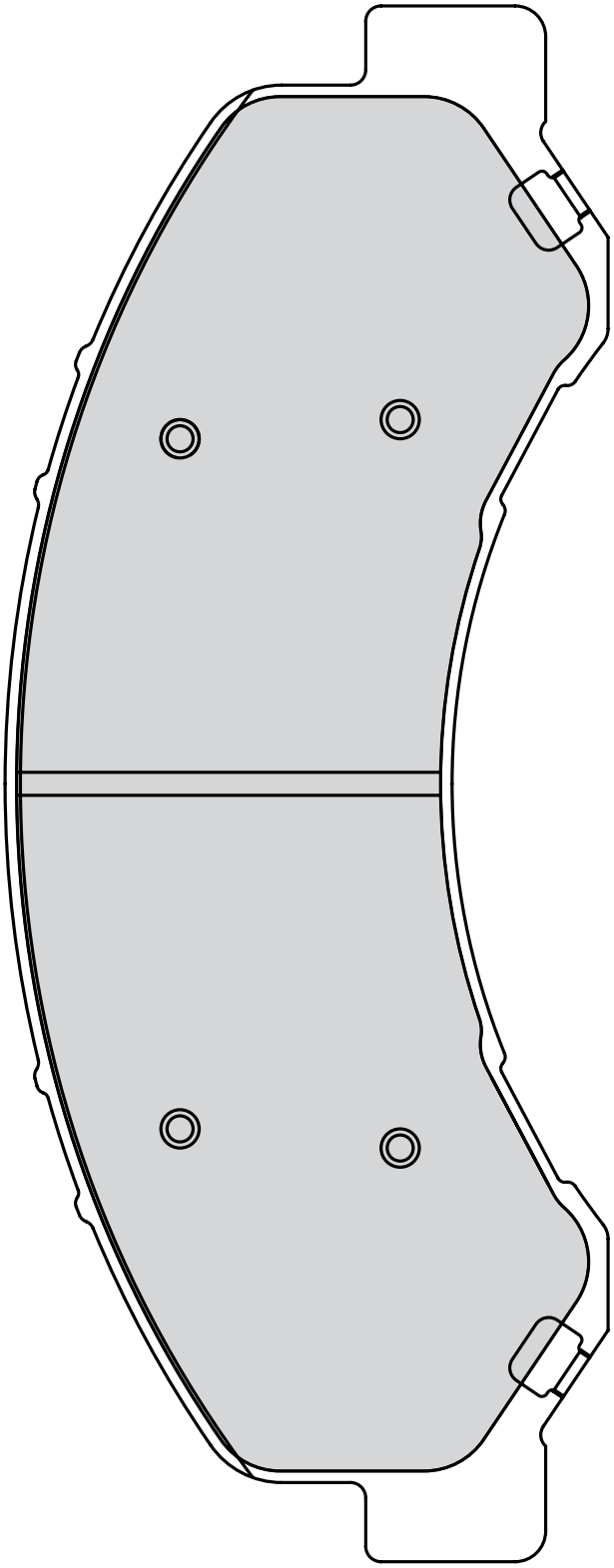
MENARINI All



FCV1853

205 | 80 | 20 | AKEBONO | -

BOGDAN A-0100 (Euro-3), A-092 (Euro-3)
ISUZU Trucks

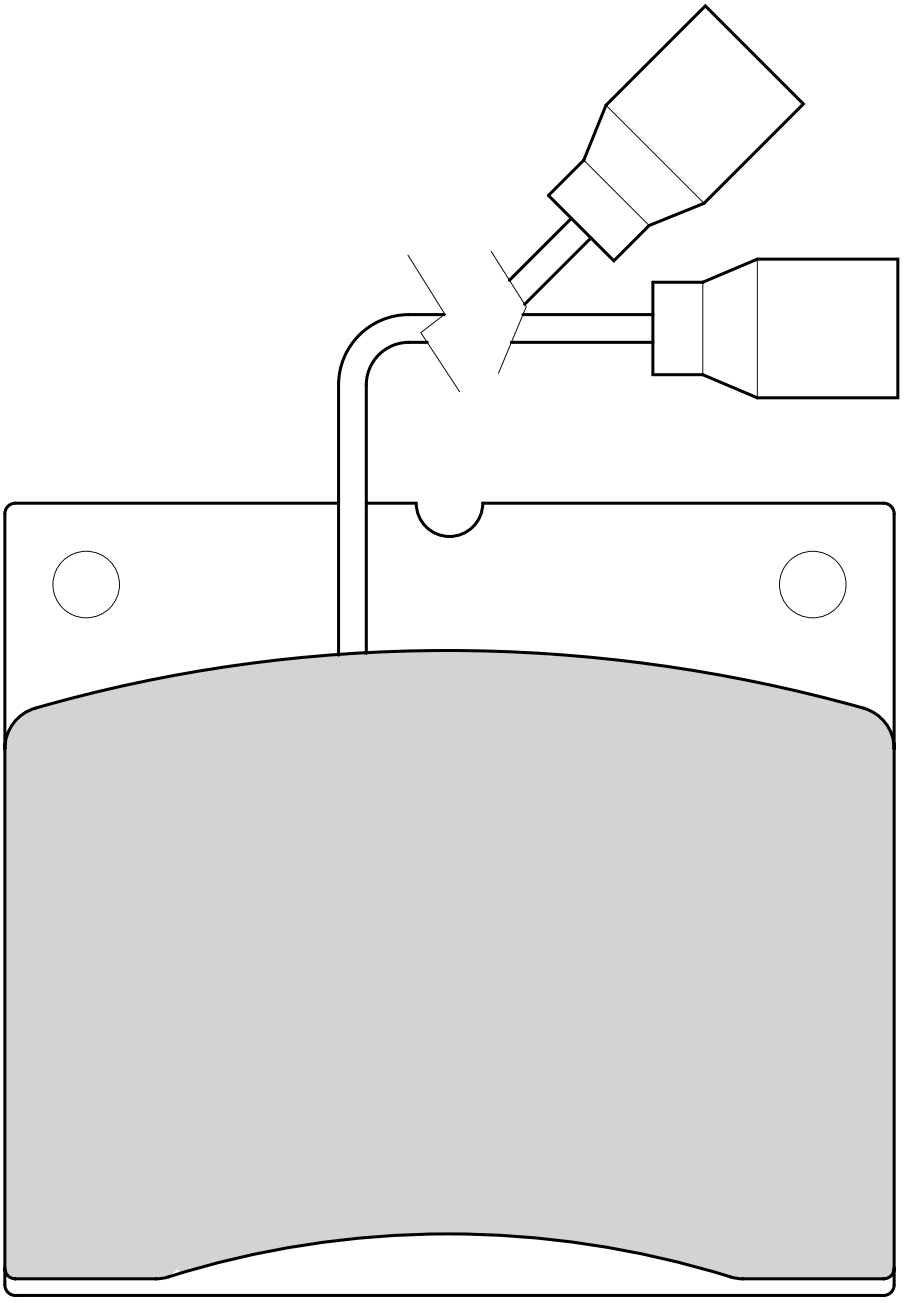


BERAL®

FCV1916

118 | 107 | 21.5 | BREMBO | FITTED (2)

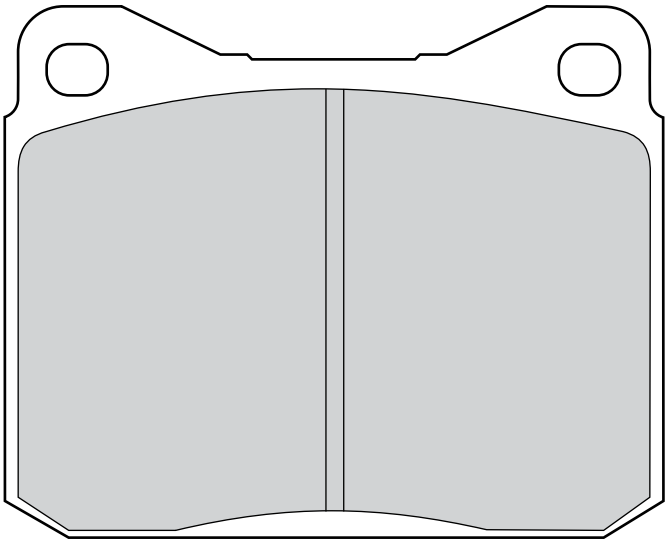
MENARINI All



FVR129

90 | 74 | 18.2 | ATE | -

VOLKSWAGEN LT Series (281-363):

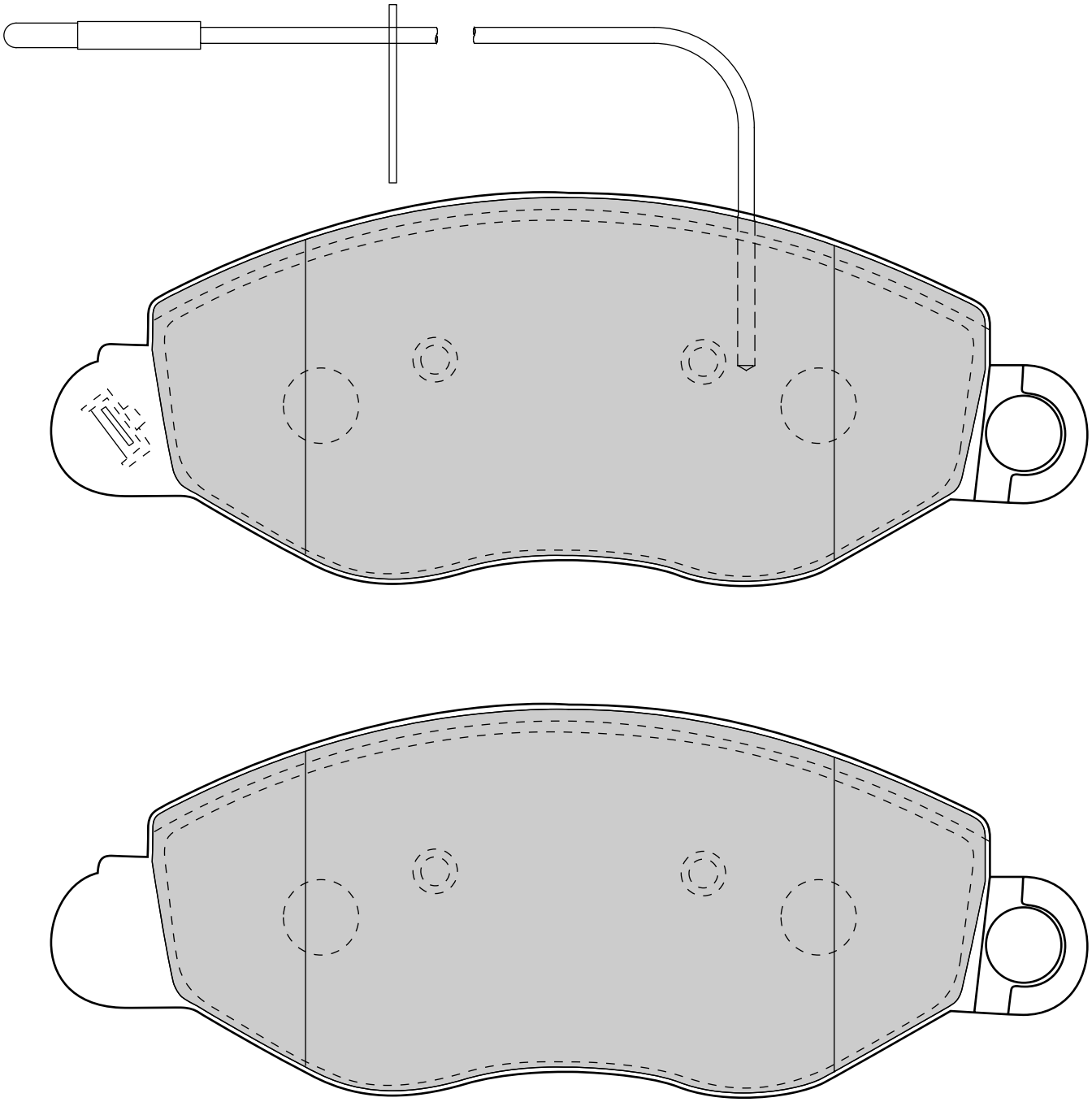


BERAL®

FVR1616

169 64.5 17.9 BOSCH 2M

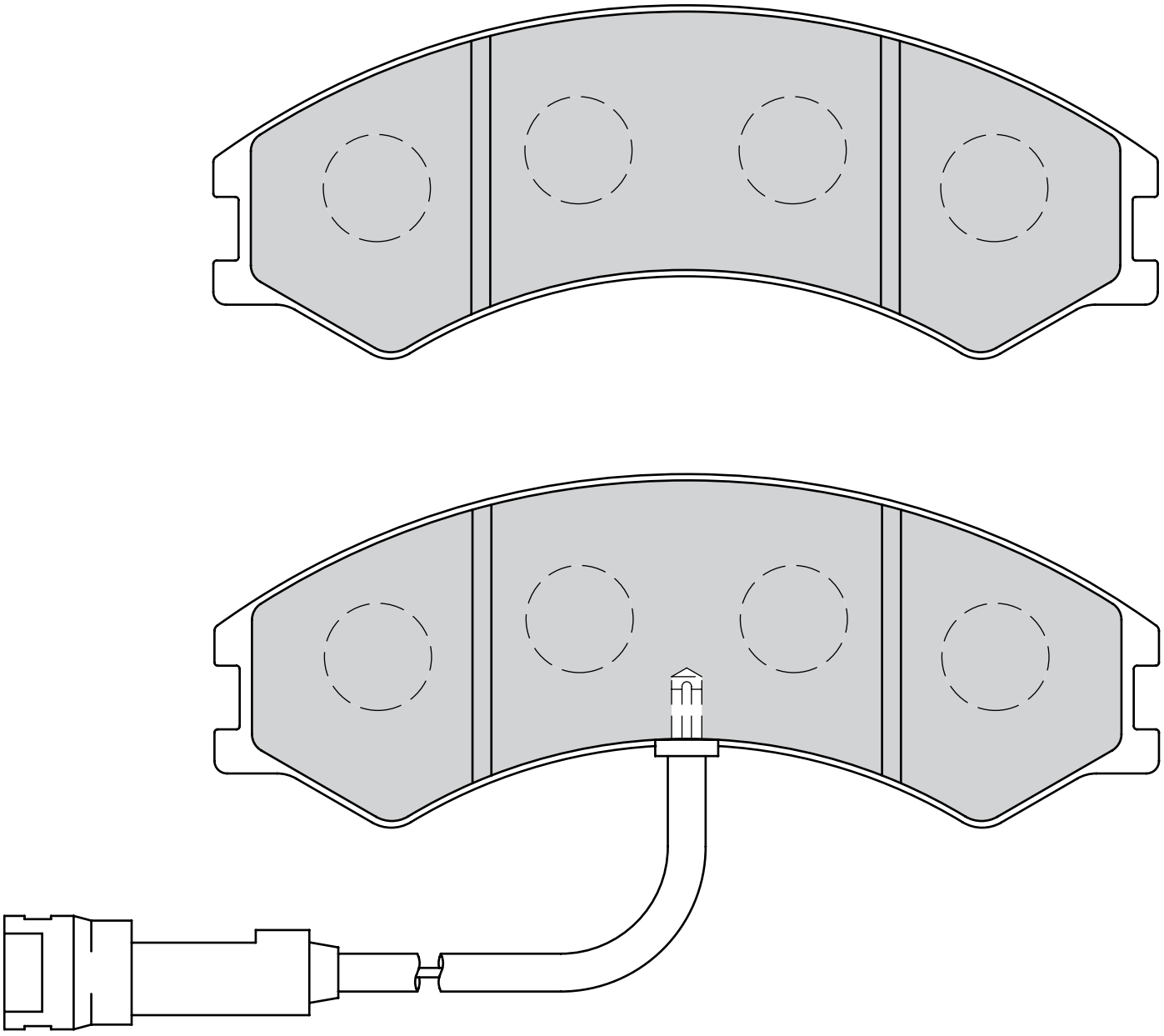
NISSAN Cabstar E



FVR1761

150 56.1 17 2M

MULTICAR M26

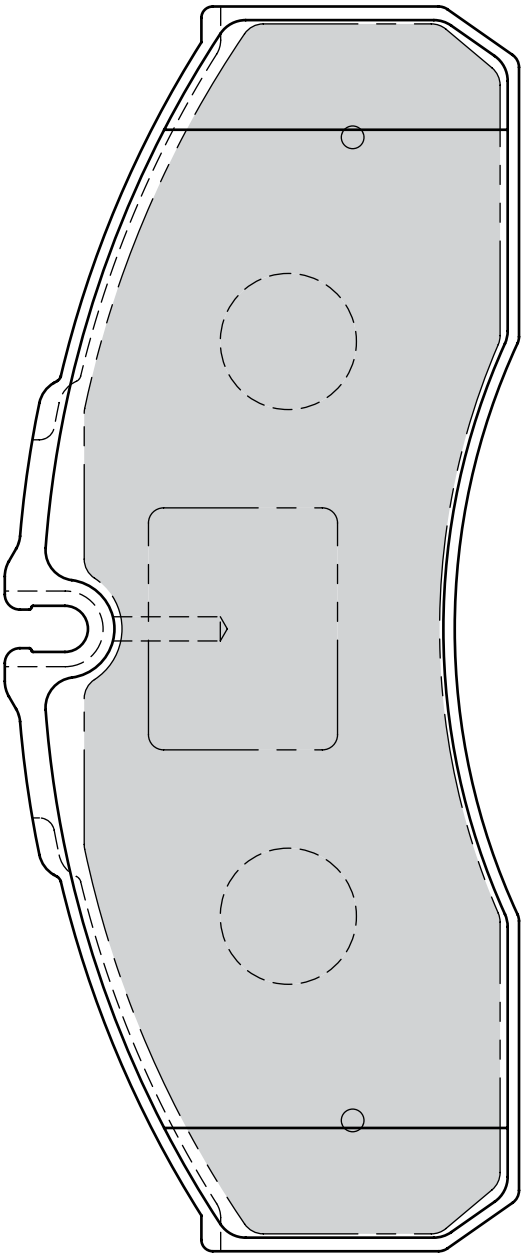


BERAL®

FVR1791

169 64.5 17.9 Brembo -

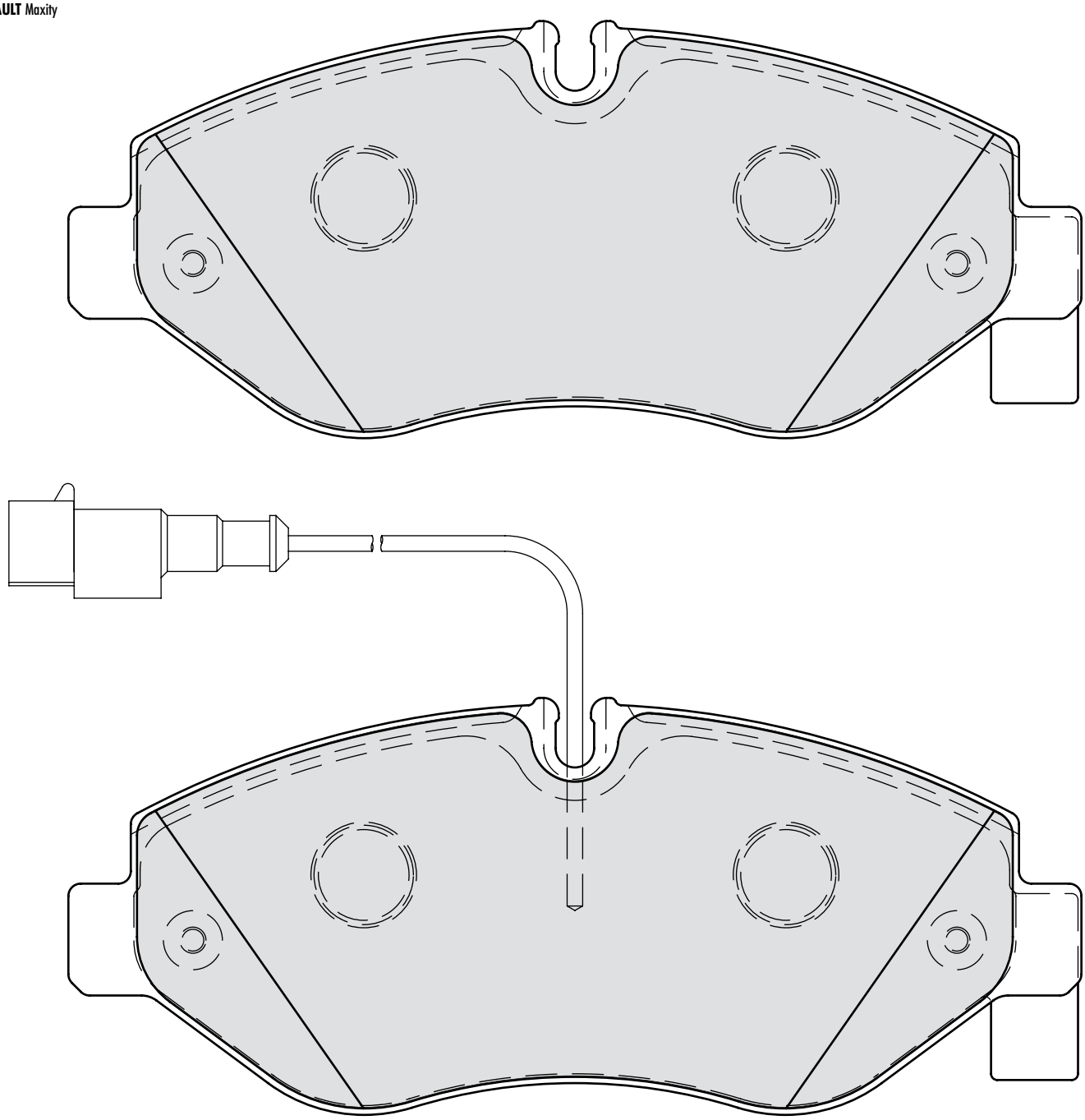
MERCEDES-BENZ Sprinter (905)



FVR4053

164.7 | 68.1 | 20.4 | Brembo | 2M

NISSAN Cabstar E
RENAULT Maxity

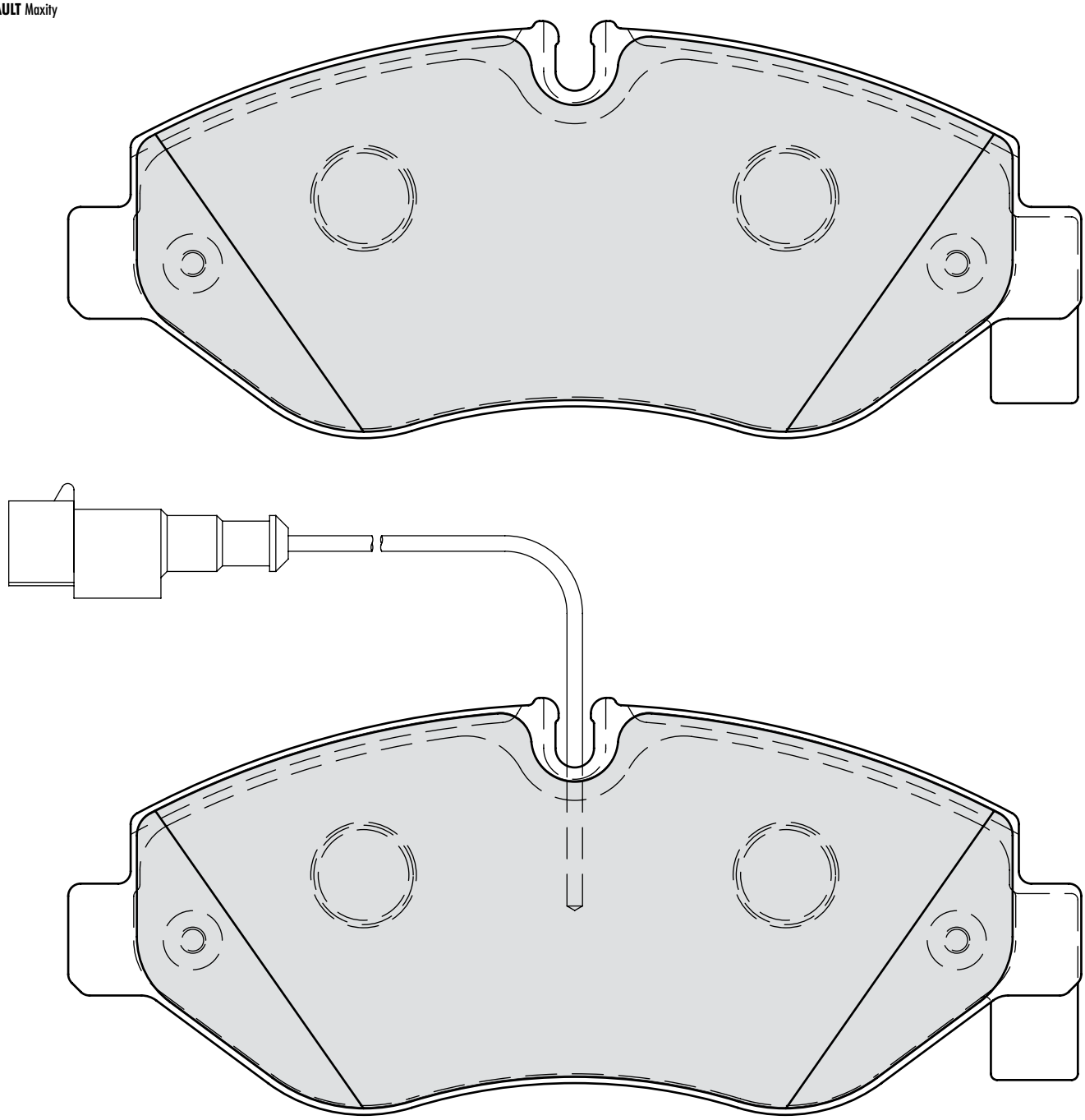


BERAL®

FVR4054

109.8 | 50 | 20.5 | Brembo | 2M

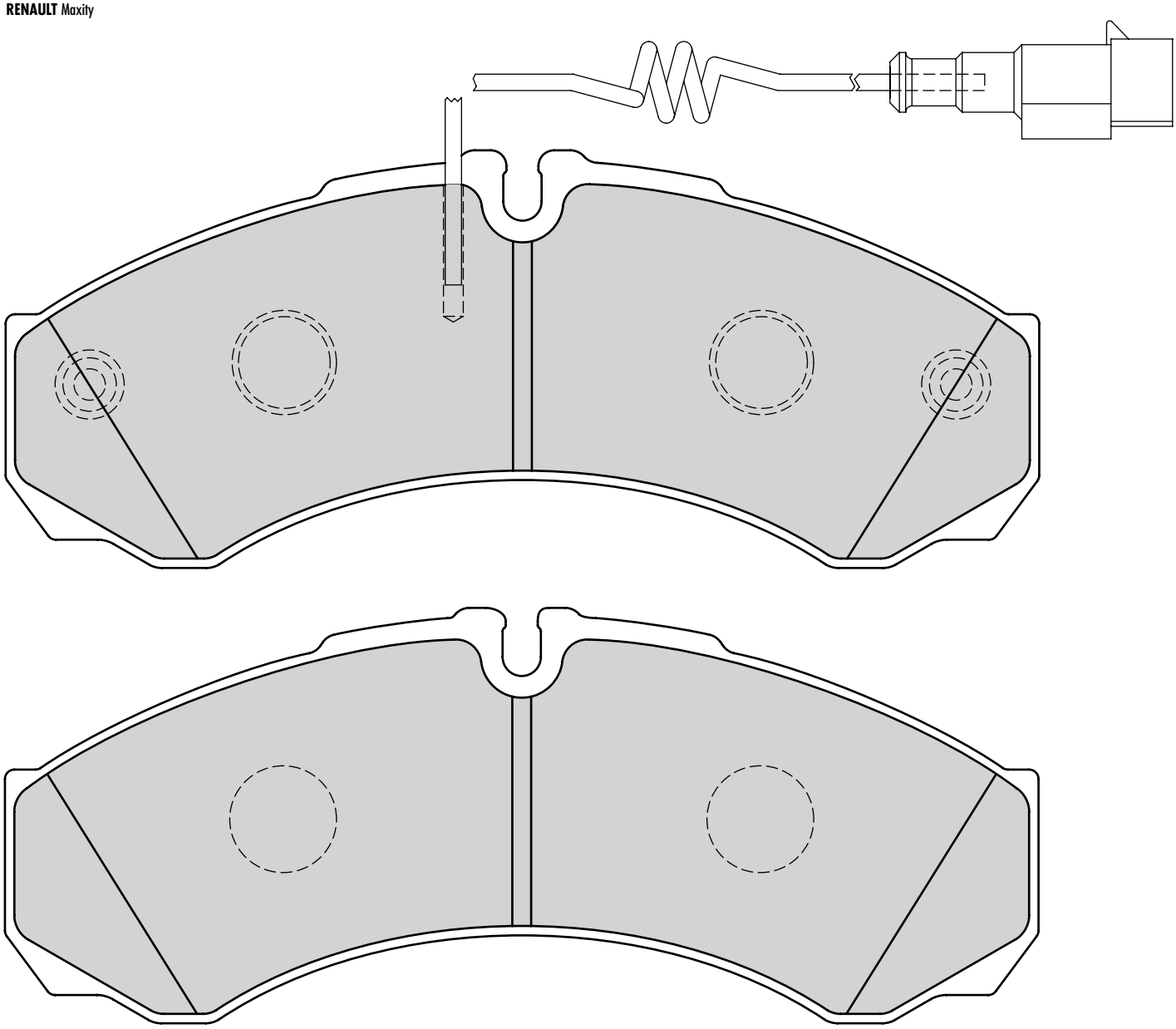
NISSAN Cabstar E
RENAULT Maxity



FVR4156

164.8 | 66.5 | 20.3 | Brembo | 2M

NISSAN Cabstar E
RENAULT Maxity

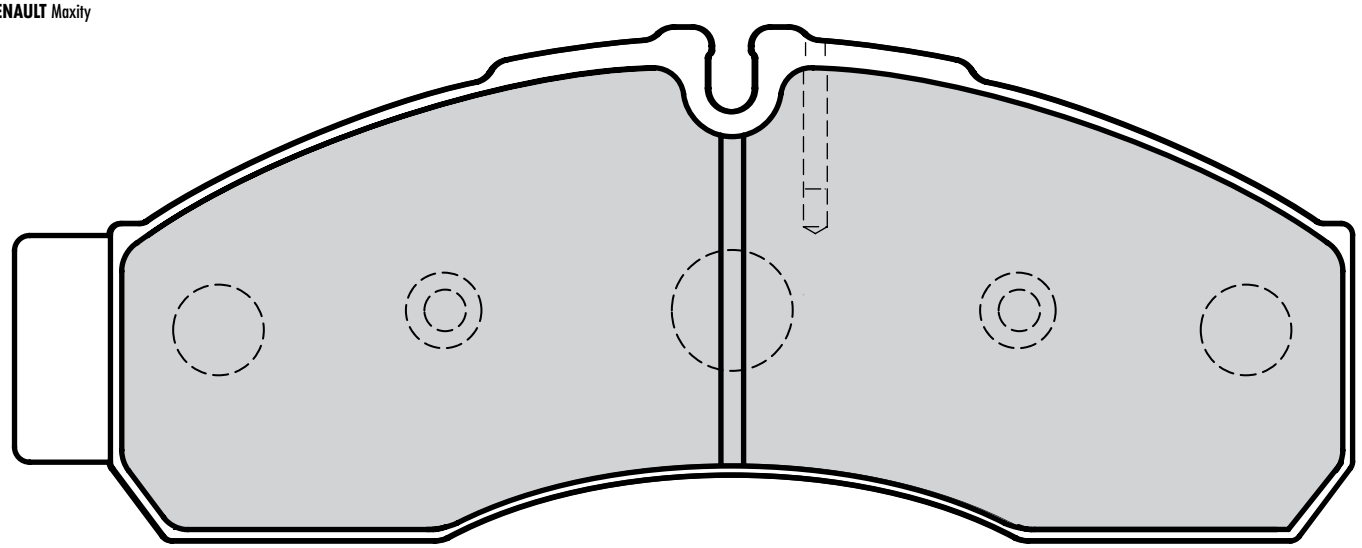


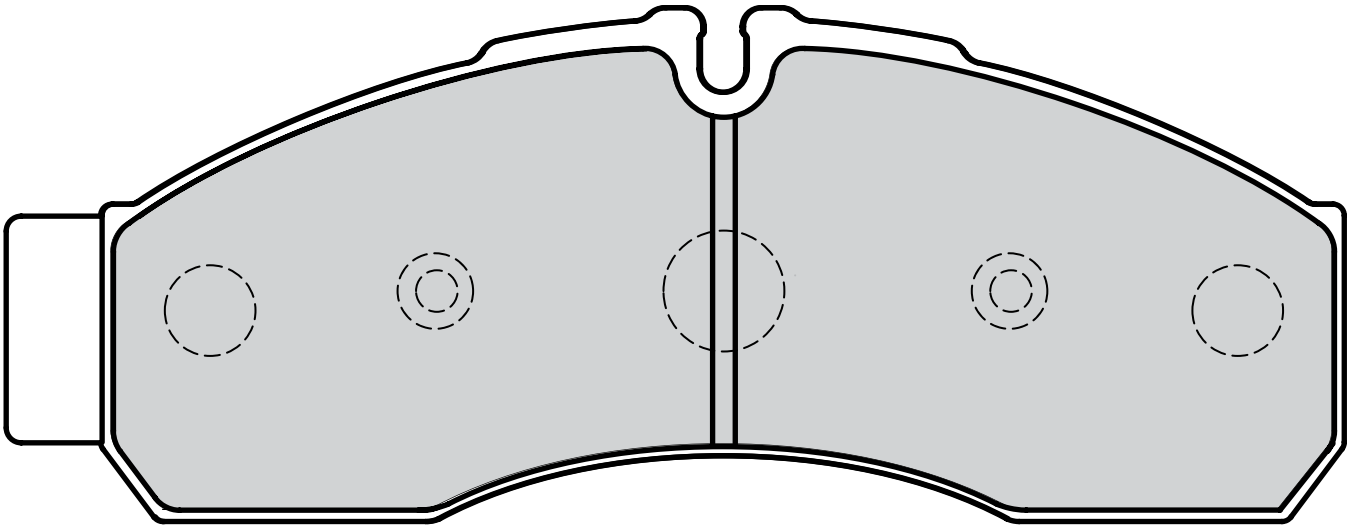
BERAL®

FVR4248

164.8 | 68 | 20 | Brembo | 2M

NISSAN Cabstar E
RENAULT Maxity





FWI246

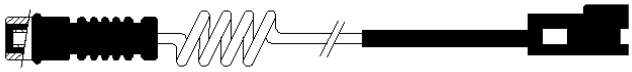
210mm 2

MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903), Sprinter 4-T (904), V-Class (638/2), Vito (638):
VOLKSWAGEN LT II (2DX0FE)

FWI278

189mm 2

MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903), Sprinter 4-T (904), Sprinter Mini Bus (4,6 to)
VOLKSWAGEN LT II (2DX0FE)



FWI293

84mm 2

MERCEDES-BENZ Sprinter 5-T (906)
VOLKSWAGEN Crafter 5 T

FWI294

109mm 2

MERCEDES-BENZ Sprinter 3-T (906), Sprinter 5-T (906)
VOLKSWAGEN Crafter 3 T, Crafter 5 T

FWI302

155mm 2

MERCEDES-BENZ V-Class (638/2), Vito (638):

FWI303

130mm 2

IVECO Daily III

FWI305

300mm 2

IVECO Daily III

FWI306

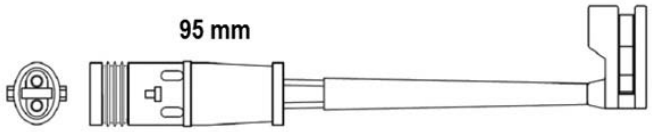
210mm 2

IVECO Daily III

FWI311

95mm | 2

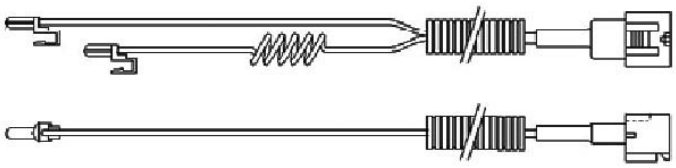
MERCEDES-BENZ Sprinter 3-T (906)
VOLKSWAGEN Crafter 3 T



UAI100

885mm | 2

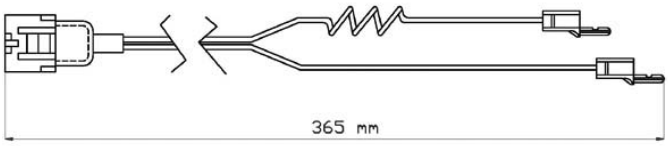
RENAULT TRUCKS Midliner/S Series



UAI101

365mm | 2

IRISBUS Agora
MERITOR All
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series



UAI102

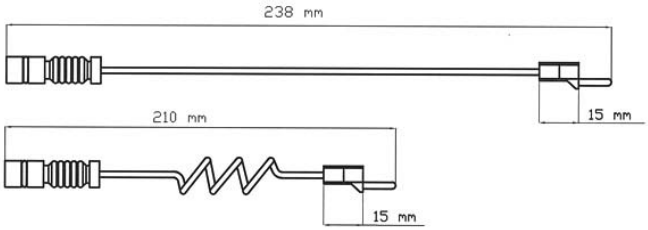
95mm | 4

MERCEDES-BENZ Mini Bus, T 1 (601), T 1 (602), T 1/TN, T 2/L, T 2/LN1

UAI103

238mm | 2+2

ERNST AUWÄRTER Economy, Teamstar
MERCEDES-BENZ MB100, Medio (Midibus), O 409 (5 to 7,5):, O 609/O 611/O 614:, T 2/LN1, Vario, Vario Minibus
OPTARE Starider



UAI104

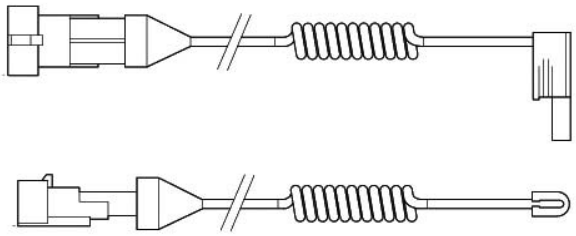
235mm | 2

NISSAN Ebro
VOLVO B 6-Series:, FL 4 Series:, FL 6-Series:, FLC, FS 7

UAI105

250mm | 2

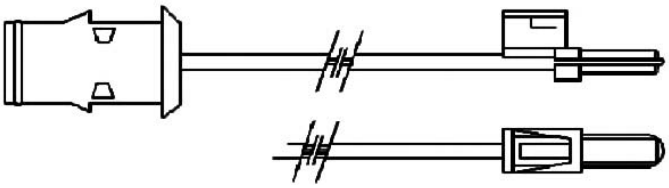
IVECO Eurocargo, Eurostar, Eurotech MH, Eurotech MP, Eurotech MT



UAI106

495mm | 2

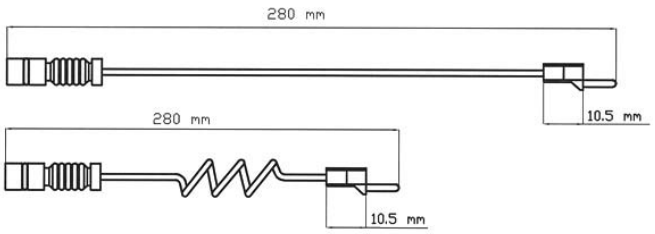
IVECO Eurocargo, Eurocargo Tector, Z-Series:



UAI107

280mm 2+2

ERNST AUWÄRTER Eurostar
IRISBUS Heuliez GX317
MERCEDES-BENZ Integro O 550:, O 340/350 - O 404, Tourismo (O 350)
MERITOR All



UAI108

335mm 2

ERNST AUWÄRTER Clubstar
SETRA All, Comfortclass 300, Multiclass 300, TopClass 300

UAI109

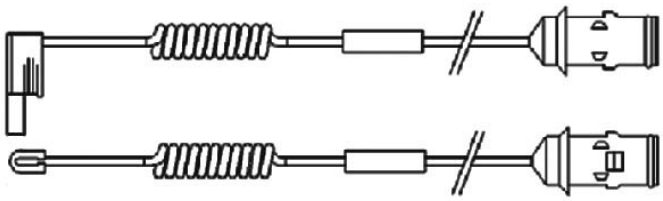
420mm 2

MERITOR All
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series

UAI110

400mm 2

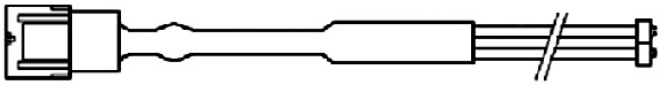
IVECO Eurocargo, Eurostar, Eurotech MH, Eurotech MP, Eurotech MT



UAI111

580mm 2

DENNIS Javelin Coach
MERITOR All
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series



UAI113

495mm 2

IVECO Eurocargo, Eurocargo Tector, Z-Series:

UAI115

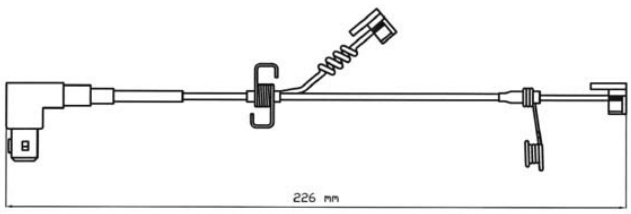
295mm 2

IVECO Daily I, Daily II

UAI116

226mm 2

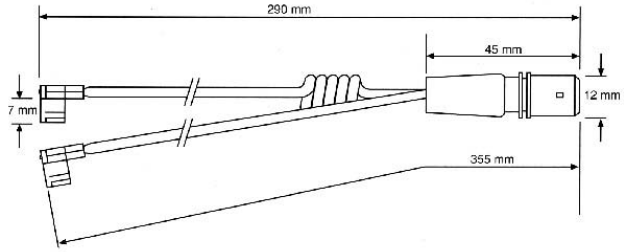
CAETANO PSV Enigma 12m, Porto 12m
DENNIS Arrow, Eagle, Elite, Fire Engines, Javelin Coach
IRISBUS Agora, Citelis, Citybus, Heuliez GX217, Heuliez GX317, Heuliez GX417
MERITOR All
RENAULT TRUCKS Magnum/AE Series, Premium Distribution, Premium Route
VOLVO B 10-Series:, B 12-Series:, B-Series:, Citybus, TX (8000.9000)



UAI117

400mm 2

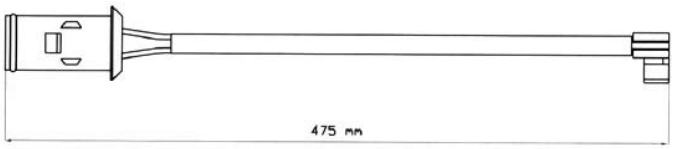
IRISBUS Agora, Iliade
MERITOR All
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series, Premium Distribution, Premium Route



UAI119

475mm 2

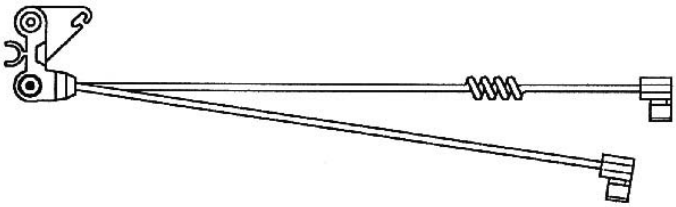
IVECO Eurocargo, Eurocargo Tector



UAI125

285mm 2

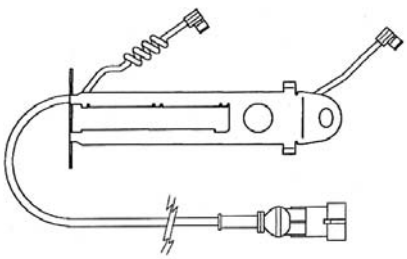
IRISBUS Iveco 391 E- 393E - 397E
IVECO Eurocargo, Eurostar, Eurotech MH, Eurotech MP, Eurotech MT, Eurotrakker/Eurotrakker Cursor



UAI126

365mm 2

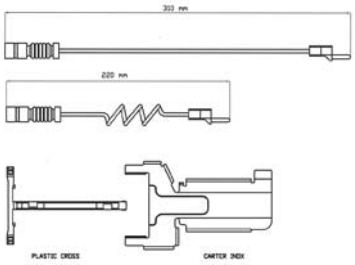
IVECO Eurocargo, Eurocargo Tector
PERROT BREMSEN (WABCO) All



UAI130

310mm 2+2

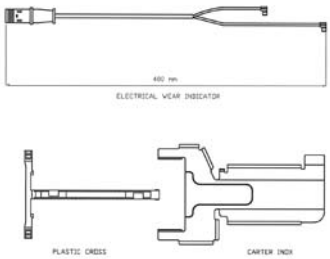
NEOPLAN Centroliner:, Cityliner:, Euroliner:, Low Floor Buses, Skyliner, Spaceliner:, Starliner, Transliner



UAI132

400mm 2

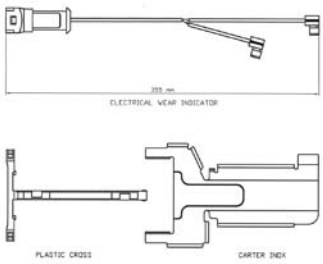
MAN Chassis, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TGM Series



UAI134

355mm 2

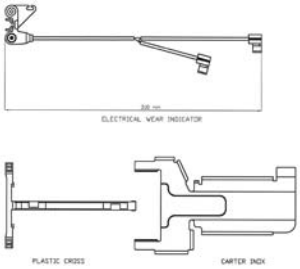
MERCEDES-BENZ Tourismo (O 350)
SETRA Comfortclass 400, Intercity Bus, Intercity Low Floor Bus, Multiclass 300, TopClass 300, TopClass 400



UAI141

310mm 2

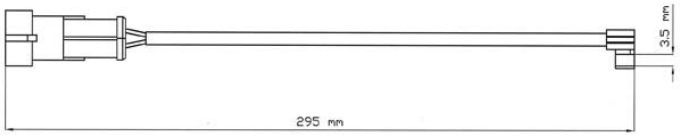
SCANIA 4-Series, All, K124, L94 Series, R-Series



UAI144

295mm | 2

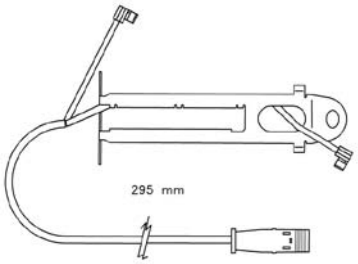
IVECO Daily II



UAI150

295mm | 2

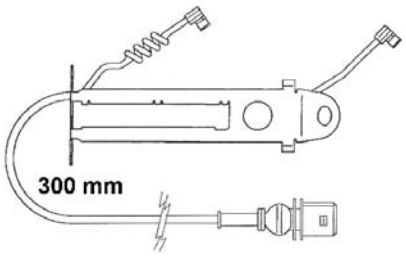
MAN L2000- Series, L2000-Series (LE Evolution), M2000-L Series
PERROT BREMSEN (WABCO) All



UAI151

300mm | 2

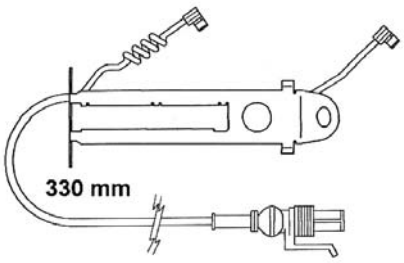
PERROT BREMSEN (WABCO) All
RENAULT TRUCKS Midlum Series



UAI152

330mm | 2

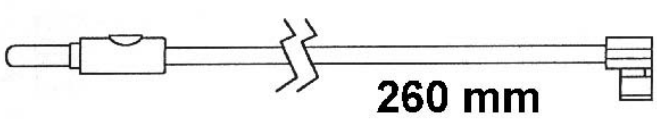
DAF LF 45
PERROT BREMSEN (WABCO) All



UAI155

260mm | 2

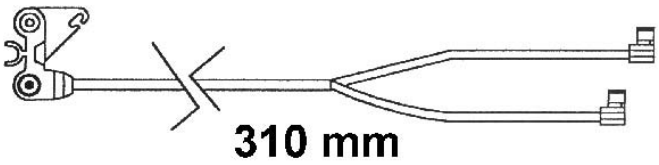
RENAULT Mascott



UAI160

310mm | 2

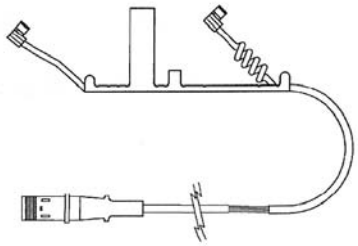
IVECO Eurocargo, Eurocargo Tector, Eurostar, Eurotech MH, Eurotrakker/Eurotrakker Cursor, Stralis



UAI161

385mm | 2

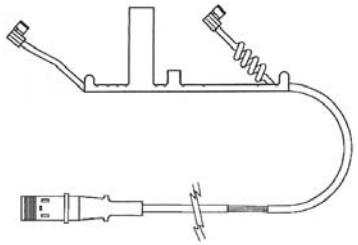
CAETANO PSV Enigma 12m, Porto 12m
MAN F2000-Series, F90-Series, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution)
MERITOR All



UAI162

400mm | 2

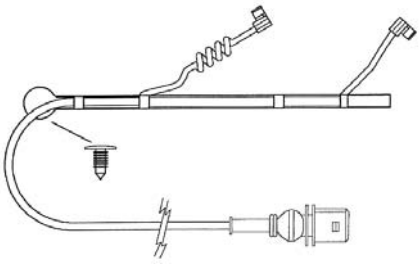
MAN Chassis, EL-Series, EM-Series, Lions Coach, Lions Comfort:, Lions Star, NG Series:, NM-Series:, NU, TG-A Series:, UL
MERITOR All



UAI163

355mm 2

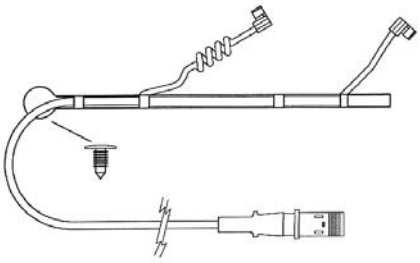
IRISBUS Agora, Ares, Arway, Axer, Crealis, Iliade
MERITOR All
RENAULT TRUCKS Magnum E.Tech, Magnum/AE Series, Premium Distribution, Premium Route



UAI164

290mm 2

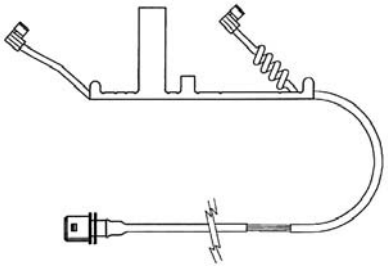
MAN EM-Series, F2000-Series, Lions Coach, Lions Comfort:, Lions Star, M2000-M Series, M2000-Series (ME Evolution), NG Series:, NM-Series:, NU, TG-A Series:, UL
MERITOR All



UAI165

400mm 2

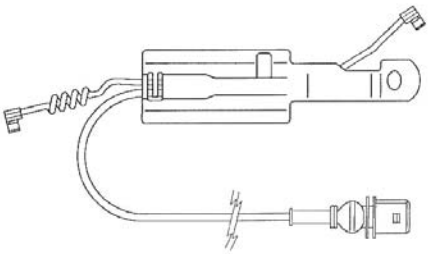
IRISBUS Citelis, Citybus



UAI166

450mm 2

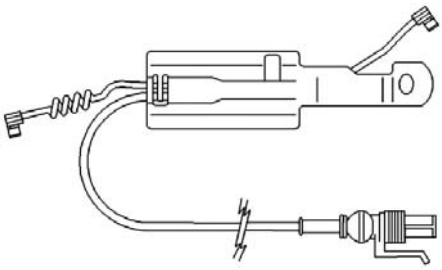
CRANE FRUEHAUF All
GIGANT GROUP SMB
PERROT BREMSEN (WABCO) All
RENAULT TRUCKS Midlum Series
SAF All



UAI168

380mm 2

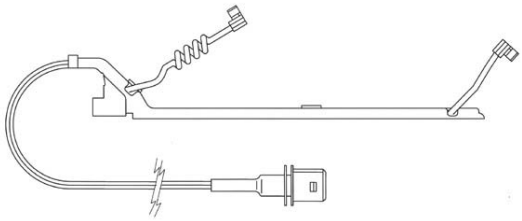
DAF LF 55, SB230
DENNIS Enviro
GIGANT GROUP S.A.E. (Dupillier)
SOR SOR 12



UAI169

355mm 2

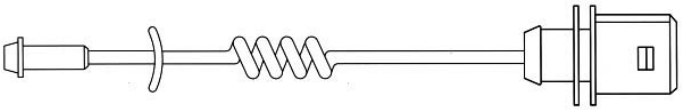
MERITOR All, Lift Axles
RENAULT TRUCKS Magnum DXi Series, New Magnum DXi Series, New Midlum Series, Premium 2 (Distribution/Route)
VOLVO FH-Series:



UAI170

200mm 2

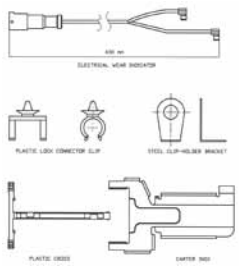
IRISBUS Iveco 491/591
MERITOR All



UAI171

430mm 2

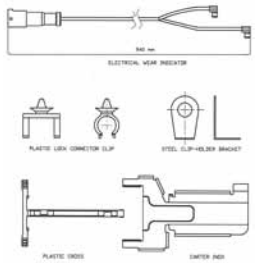
BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), Eco Plus SB/SN7 (SB4345), SH Series SB/SN7 (SB4345), SKH Series SB/SN6 (SB3745)
CRANE FRUEHAUF All
DISCOS Trailer
GIGANT GROUP S.A.E. (Dupillier), SMB
HALDEX MKIV, ModulX
KNORR-BREMSE All
SAFAll



UAI172

940mm 2

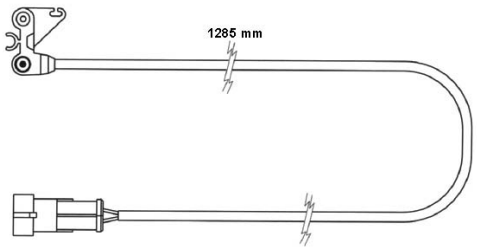
BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), Eco Plus SB/SN7 (SB4345), SH Series SB/SN7 (SB4345), SKH Series SB/SN6 (SB3745)
CRANE FRUEHAUF All
DISCOS Trailer
GIGANT GROUP S.A.E. (Dupillier), SMB
HALDEX MKIV, ModulX
KNORR-BREMSE All
SAF All



UAI173

1285mm 2

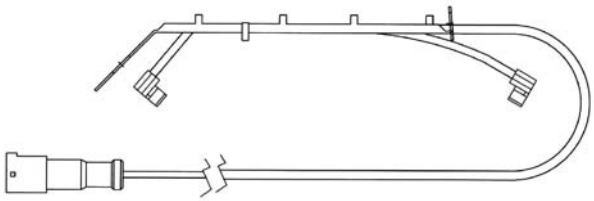
IVECO Eurocargo, Eurocargo Tector, Eurostar, Eurotech MH, Eurotech MP, Eurotech MT, Eurotrakker/Eurotrakker Cursor, Stralis



UAI174

770mm 2

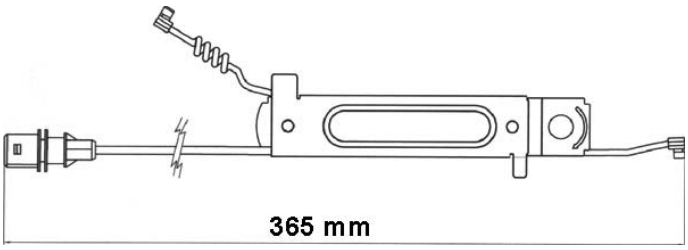
SAF All



UAI175

365mm 2

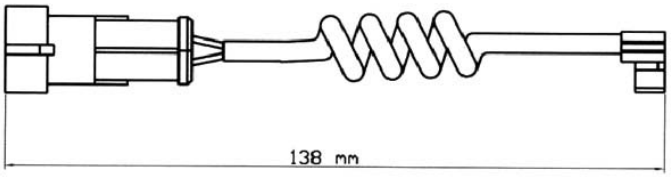
GIGANT GROUP SMB
HALDEX DB19
RENAULT TRUCKS New Midlum Series Dxi
VOLVO FL Series



UAI176

150mm 2

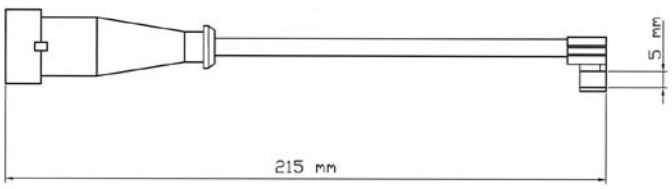
IVECO Eurocargo, Eurocargo Tector



UAI177

215mm 2

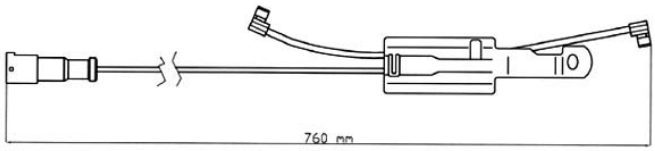
IVECO Eurocargo



UAI178

760mm 2

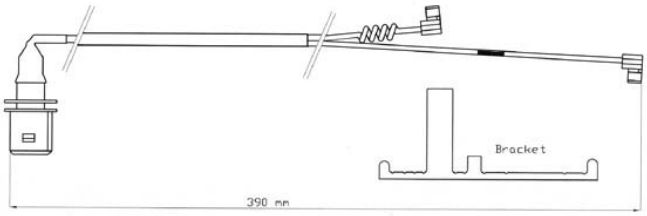
PERROT BREMSEN (WABCO) All
SAF All



UAI179

390mm 2

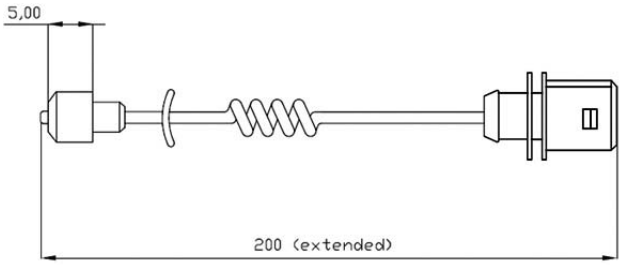
IRISBUS Citelis



UAI180

200mm 2

MERITOR All



UAI200

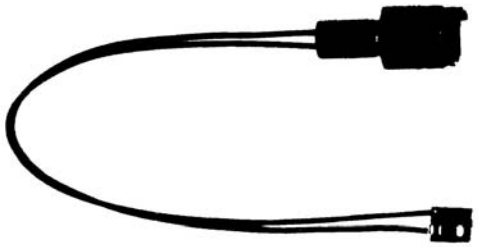
220mm 4

MERCEDES-BENZ Mini Bus, T 1-Series:, T 2-Series:
PERROT BREMSEN (WABCO) All

UAI201

260mm 4

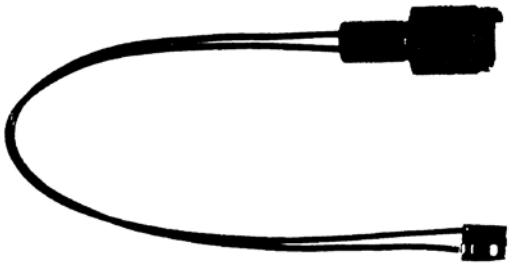
MERCEDES-BENZ O 409 (5 to):, O 409 (6 to):, O 409 (7,5 to):, O 606/O 611/O 614:, T 2-Series:
OPTARE Starider



UAI202

195mm 4

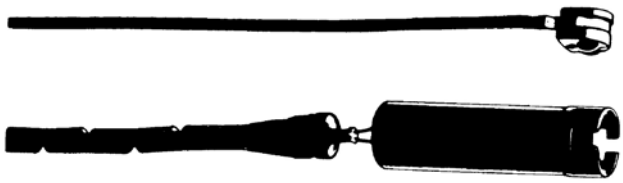
BOVA Futura (Mercedes-Chass.)
IRISBUS Heuliex GX44 (Mercedes ch.)
MAN 14 to-Series:, 15 to-Series:, F2000-Series (23 to):, F2000-Series (26 to):, F90-Series (23 to):, F90-Series (24 to):, F90-Series (25 to):, F90-Series (26 to):, F90-Series (33 to):, FR / FRH-Series:, Lions Comfort:, Lions Star / Lions Coach:, Lions Star:, M90-Series (24 to):, SD / SL / NL-Series:, SG / NG-Series:, SR-Series:, SÜ-Series:, TG-A Series:, Underfloor-Series:
MERCEDES-BENZ Actros (2-Axle):, Actros (3-Axle):, Actros (4-Axle):, Atego I, Atego II, Concerto O 345:, LK/LN2-Series (11 to), LK/LN2-Series(12to),LK/LN2-Series(13to),LK/LN2-Series(15/16to),LK/LN2-Series(6,5to), LK/LN2-Series(7,5to),LK/LN2-Series(8&8,6to),LK/LN2-Series(9to),MK/SK-Series(17to):, MK/SK-Series (18 to):, MK/SK-Series (19 to):, MK/SK-Series (20 to):, MK/SK-Series (22 to):, MK/SK-Series (24 to) 6x2:, MK/SK-Series (24 to) 6x4:, MK/SK-Series (24 to):, MK/SK-Series (25 to) 6x4:, MK/SK-Series (25 to):, MK/SK-Series (26 to) 6x4:, MK/SK-Series (26 to) 6x6:, MK/SK-Series (32 to):, MK/SK-Series (32-35 to):, MK/SK-Series (32-38 to):, MK-Series (14 to):, NG-Series (12 to):, NG-Series (14 to):, NG-Series (16 to):, NG-Series (19 to):, NG-Series (20 to):, NG-Series (22 to):, NG-Series (24 to):, NG-Series (26 to):, NG-Series (30/32 to):, NG-Series (32 to):, NG-Series (32-48 to):, NG-Series (35 to):, NG-Series (38 to):, O 1114/O 1117/O 1120:, O 301:, O 303:, O 305/O 307:, O 340, O 402:, O 405/O 407:, O 408:, O 814 (7,5 to):, O 814 (8/8,6 to):, O 817:
NEOPLAN Cityliner:, Jetliner:, Skyliner:
OPTARE Prisma
SANOS All
VAN HOOL All, G-Series:



UAI205

205mm 2

MAN 14 to-Series:, 15 to-Series:, 16 to-Series:, 17 to-Series:, 19 to-Series:, 20/22 to-Series:, 24 to-Series:, 26 to-Series:, 30 to-Series:, 32/33 to-Series:, 38 to-Series:, 40 to-Series:, 41 to-Series:, EL-Series:, EM-Series:, F2000-Series (19 to):, F2000-Series (23 to):, F2000-Series (26 to):, F2000-Series (27 to):, F2000-Series (32 to):, F2000-Series (33 to):, F2000-Series (35 to):, F2000-Series (40 to):, F2000-Series (41 to):, F2000-Series (48 to):, F90-Series (19 to):, F90-Series (19 to): 4x4, F90-Series (23 to):, F90-Series (24 to):, F90-Series (25 to):, F90-Series (26 to):, F90-Series (27 to):, F90-Series (30 to):, F90-Series (32 to):, F90-Series (33 to):, F90-Series (35 to):, F90-Series (40 to):, F90-Series (41 to):, F90-Series (48 to):, FR / FRH-Series:, M2000-Series:, M90-Series (17 to):, M90-Series (18 to):, M90-Series (24 to):, NM-Series:, SD / SL-Series:, SG-Series:, SR-Series:, SÜ-Series:, TG-A Series:, Underfloor-Series (U 90):, Underfloor-Series:
MCW Metrobus
OPTARE Excel
RENAULT TRUCKS Saviem



UAI207

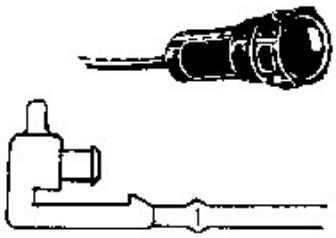
1310mm 2

IVECO Eurotrakker , Eurotrakker Cursor

UAI208

1300mm 2

IVECO EuroStar, EuroTech



UAI209

548mm 2

IVECO EuroCargo, EuroCargo Tector

UAI210

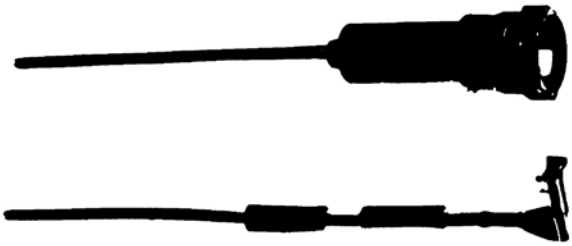
1520mm 2

IRISBUS Iveco 491/591

UAI211

955mm 2

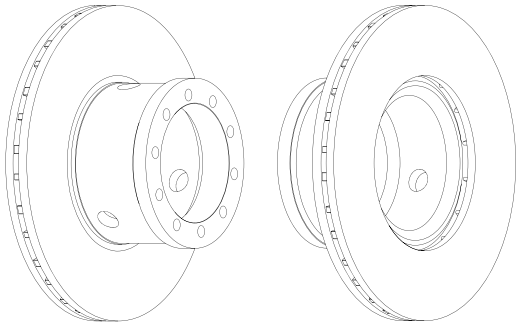
IVECO EuroCargo



BCR101A

∅	A	B	C	D		Kg		ABS
315	26	24	122	119	10xM12	13.1		

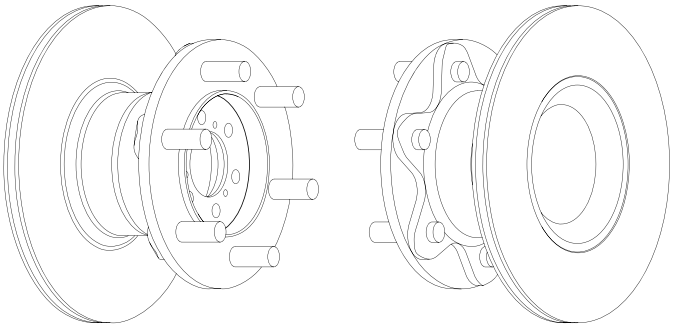
AVIA - DAEWOO (Czech) A60, A75, A80, D60, D75, D80, D95
DAF F 600, F 800 Series, Roadrunner, Swift



BCR104A

∅	A	B	C	D		Kg		ABS
280	16	13	142	105	6xM18 6x12,5 3xM6	13.4	6 M18x1.5 44mm	

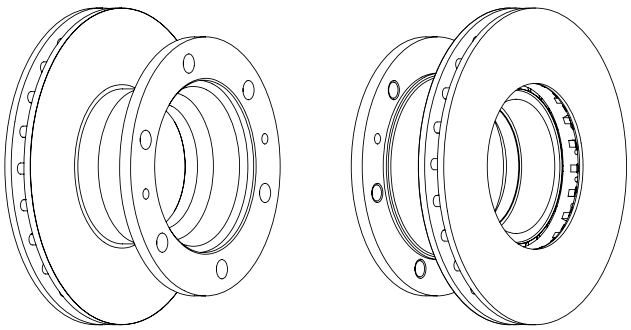
IVECO Daily, Daily I



BCR105A

∅	A	B	C	D		Kg		ABS
304	30	27.8	128	165	6x18,15 2xM10	13.9		

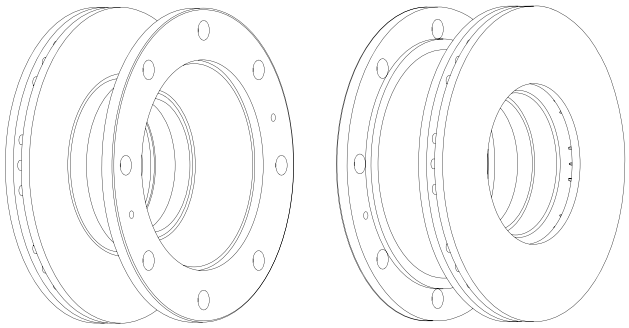
IVECO Eurocargo, Eurocargo Tector



BCR106A

∅	A	B	C	D		Kg		ABS
322	30	27.8	134	215	8x20,15 2xM10	18		

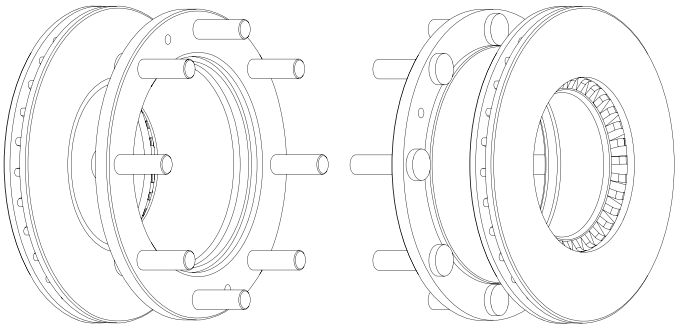
IVECO Eurocargo



BCR107A

∅	A	B	C	D		Kg		ABS
322	30	27.8	129	220	8x20,15 2xM10	19.4	8 M20x1,25x58mm	

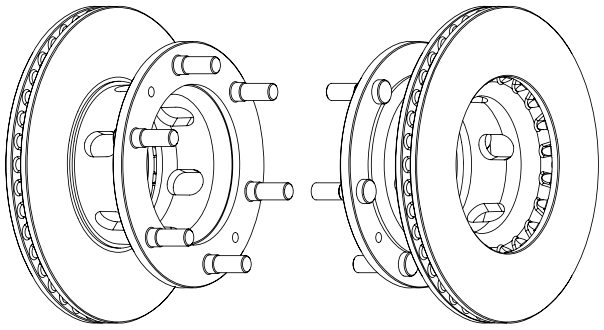
IVECO Z-Series:

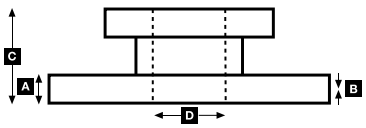


BCR108A

∅	A	B	C	D		Kg		ABS
315	26	23	118.5	160	6x18,05 2xM10	13.7	6 M18x1,5x46mm	

IVECO Z-Series:

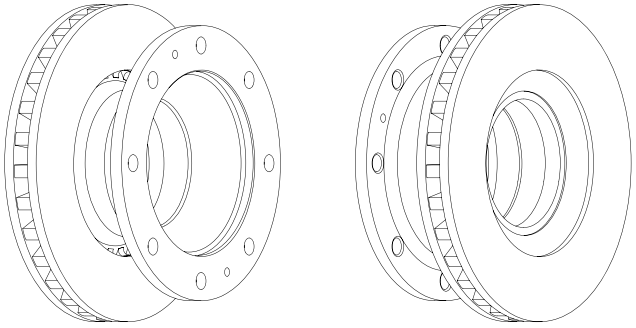




BCR110A

∅	A	B	C	D		Kg		ABS
370	45	41	150	215	8x20 2xM10	31	8 M20x1,5 59mm L	

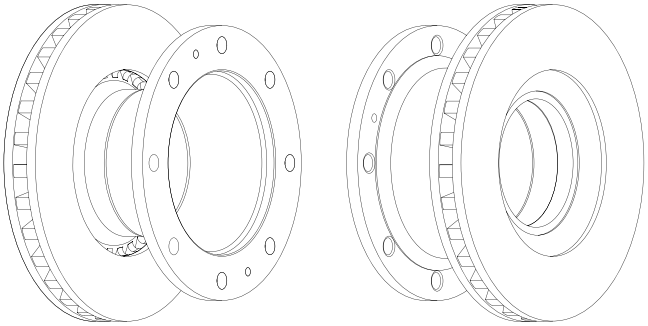
FORD Supercargo
IVECO Eurocargo



BCR111A

∅	A	B	C	D		Kg		ABS
370	45	41	181.5	215	8x22,15 2xM10	32	8 M22x1,5 59mm L	

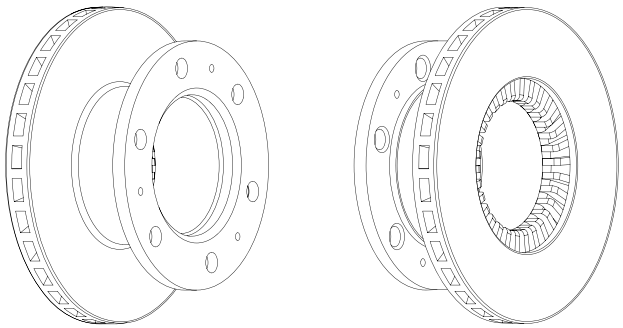
FORD Supercargo
IVECO Eurocargo



BCR112A

∅	A	B	C	D		Kg		ABS
322	30	27.8	126	148	6x21 3xM8	14.6		

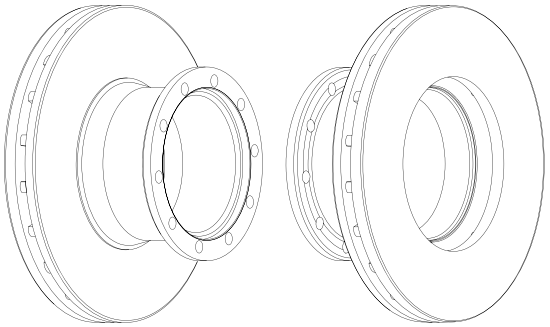
FORD Cargo:



BCR113A

∅	A	B	C	D		Kg		ABS
406	48	38	175	194	10xM16	32.7		

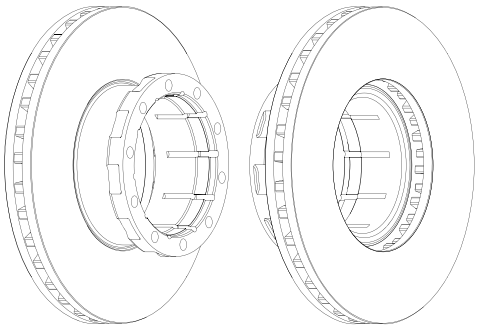
SETRA All



BCR114A

∅	A	B	C	D		Kg		ABS
432	45	35	135	194	10xM16	32.5		

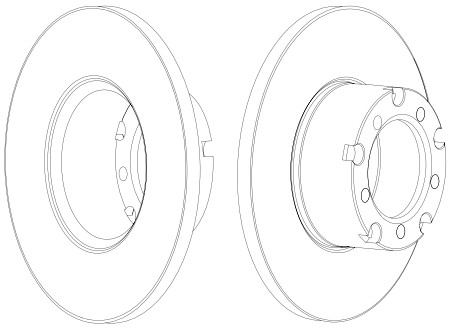
SETRA All, Comfortclass 300, Multiclass 300, TopClass 300

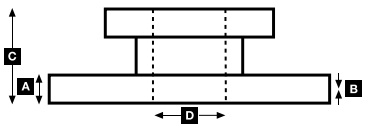


BCR116A

∅	A	B	C	D		Kg		ABS
280	16	13	78.5	88	5x18 5x12,5	7		

MERCEDES-BENZ Mini Bus, T 1 (601), T 1 (602), T 1/TN, T 2/LN1



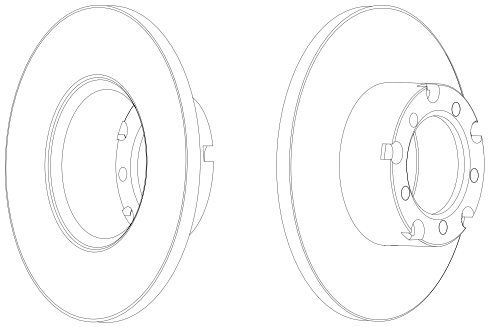


BERAL®

BCR117A

∅	A	B	C	D		Kg		ABS
280	22	19	78.5	88	5x18 5x12,5	8.7		

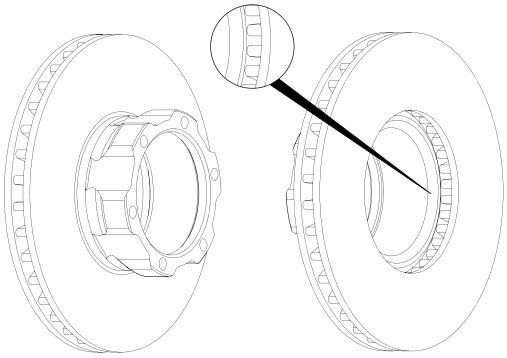
MERCEDES-BENZ T 1/TN, T 2/L, T 2/LN1



BCR118A

∅	A	B	C	D		Kg		ABS
304	30	26	91	118	6xM12	10.5		

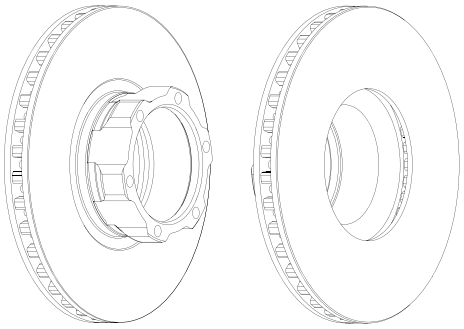
MERCEDES-BENZ O 409 (5 to 7,5):, T 2/LN1



BCR119A

∅	A	B	C	D		Kg		ABS
324	30	26	91	118	6xM12	11		

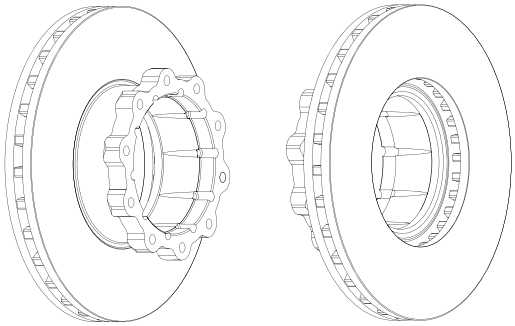
ERNST AUWÄRTER Economy, Teamstar
MERCEDES-BENZ O 609/O 611/O 614:, T 2/LN1
OPTARE Starider



BCR120A

∅	A	B	C	D		Kg		ABS
438	45	41	135	195	10xM14	33.5		

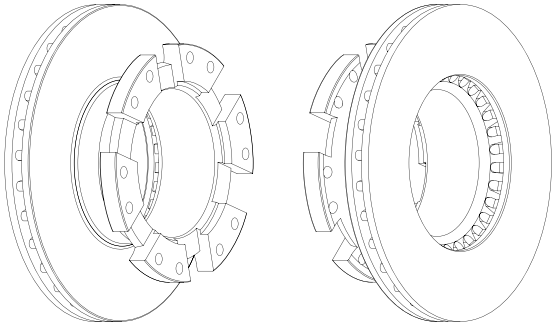
ERNST AUWÄRTER Eurostar
MERCEDES-BENZ Integro O 550:, O 340/350 - O 404, Tourismo (O 350)



BCR122A

∅	A	B	C	D		Kg		ABS
324	30	27	111	165	12x13	13		

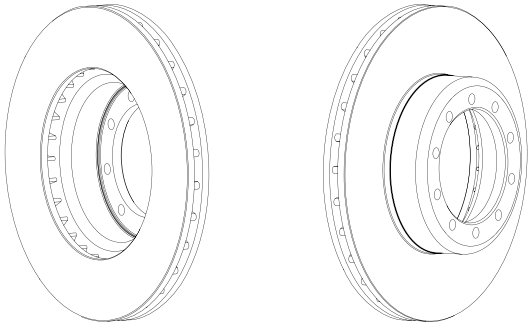
MCW Metrorider
OPTARE Metrorider, Solo

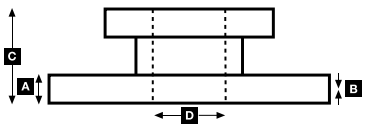


BCR126A

∅	A	B	C	D		Kg		ABS
354	30	26	82	128	10x12,4	14.2		

DENNIS Fire Engines
MAN Regal/Regent
RENAULT TRUCKS Midliner/C Series, Midliner/M Series, Midliner/S Series

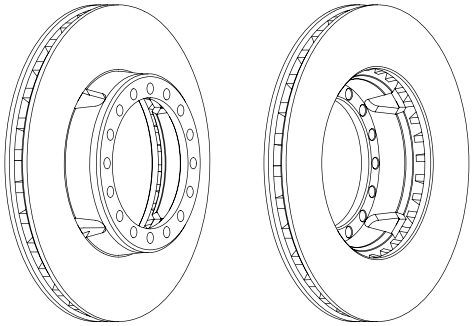




BCR127A

∅	A	B	C	D		Kg		ABS
350	30	26	73	145	16x12,1	13		

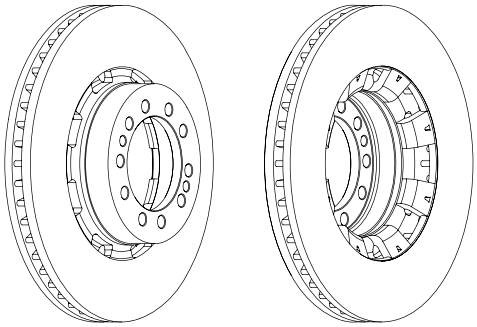
MENARINI All
RENAULT BUS R312



BCR128A

∅	A	B	C	D		Kg		ABS
440	44.4	39	100	131	10x17,2 2xM14	29		

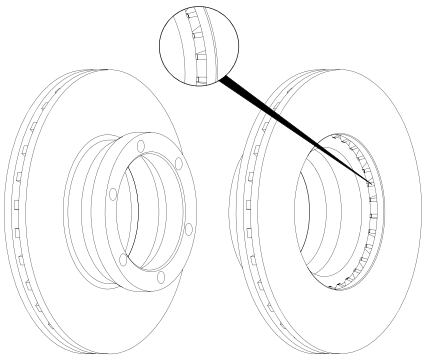
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series



BCR130A

∅	A	B	C	D		Kg		ABS
322	30	27	90	132	6xM14	14		

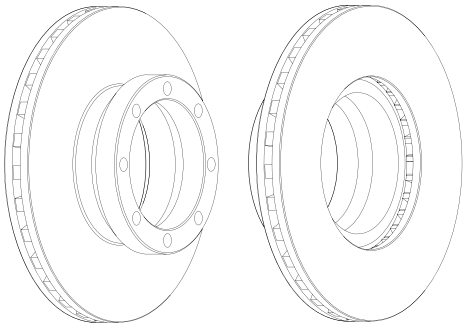
VOLVO FL 4 Series:, FLC



BCR131A

∅	A	B	C	D		Kg		ABS
322	30	28	90	132	8xM14	13.6		

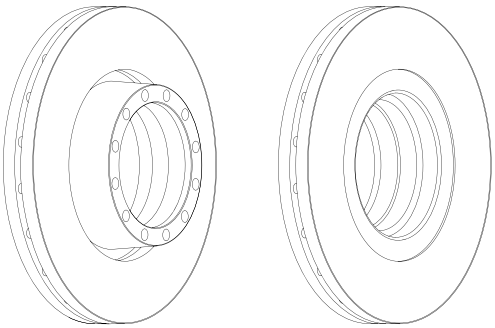
VOLVO B 6-Series:, FL 6-Series:, FLC, FS 7



BCR132A

∅	A	B	C	D		Kg		ABS
430	50	46	102	170	12xM16	35		

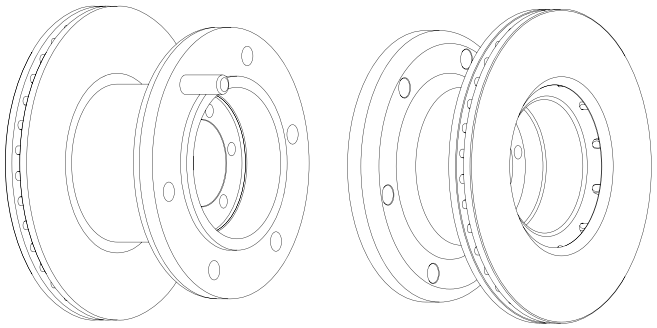
IVECO Eurocargo, Eurostar, Eurotech MH, Eurotech MP, Eurotech MT

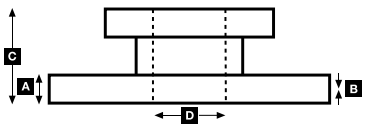


BCR133A

∅	A	B	C	D		Kg		ABS
290	25	23	160	120	6x12,5 6xM18	20.2	6 M18x1.5x44mm	

IVECO Daily I



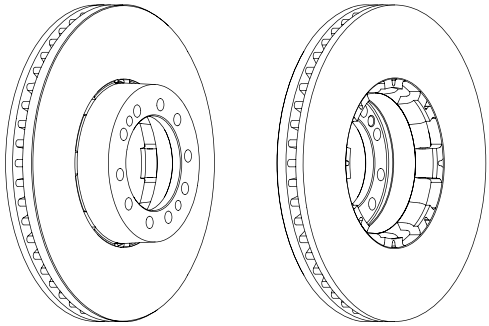


BERAL®

BCR134A

∅	A	B	C	D		Kg		ABS
438	45	35	96.4	131	10x17,1 2xM14	31.3		

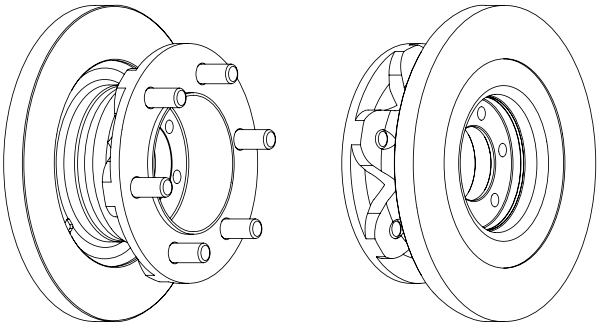
IRISBUS Agora, Citybus, Heuliez GX217, Heuliez GX317, Heuliez GX417, Iliade
RENAULT TRUCKS Magnum/AE Series, Premium Distribution, Premium Route



BCR139A

∅	A	B	C	D		Kg		ABS
290	22	19	111	68	6xM18 6x12,4	15	6 M18x1.5x34mm	

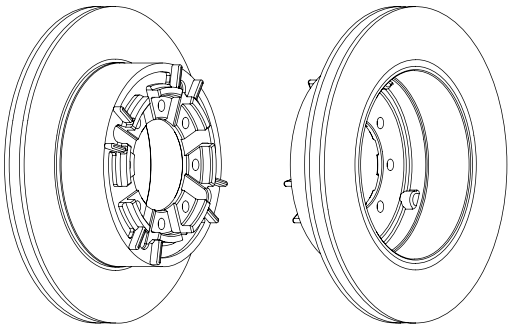
IVECO Daily I, Daily II



BCR140A

∅	A	B	C	D		Kg		ABS
289	22	19	84	84	8x10,5	9.3		

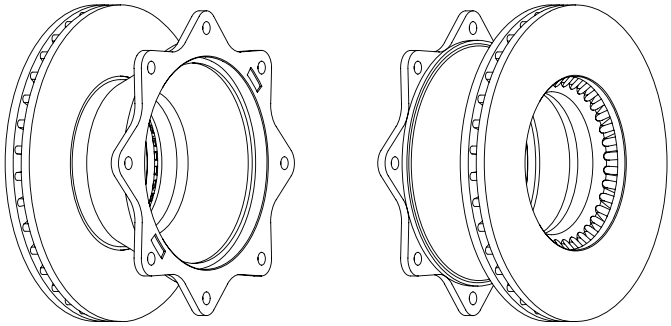
IVECO Daily I, Daily II



BCR142A

∅	A	B	C	D		Kg		ABS
322	30	27.8	138	216	8x13,1	15.7		

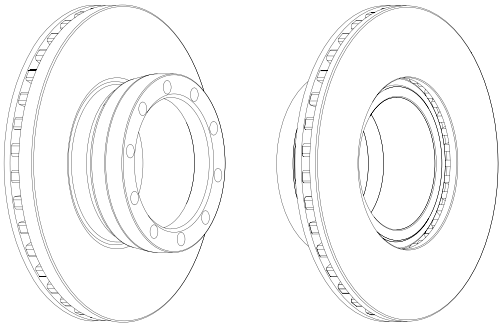
VOLVO FL 6-Series:, FLC



BCR143A

∅	A	B	C	D		Kg		ABS
324	30	24	102	135	10xM14	13.5		

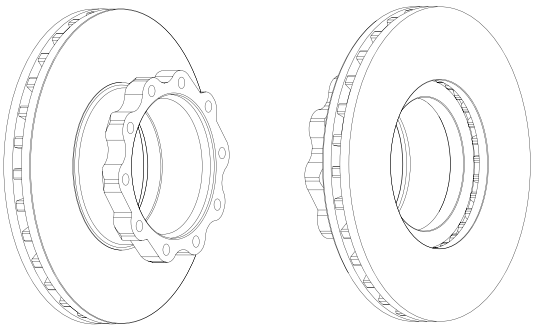
MAN L2000- Series

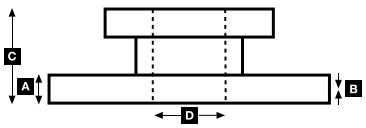


BCR144A

∅	A	B	C	D		Kg		ABS
438	45	35	135	200	10xM16	36		

MAN Chassis, EL-Series, EM-Series, F2000-Series, Lions Coach, Lions Comfort:, Lions Star, NG Series:, NM-Series:, NU, UL

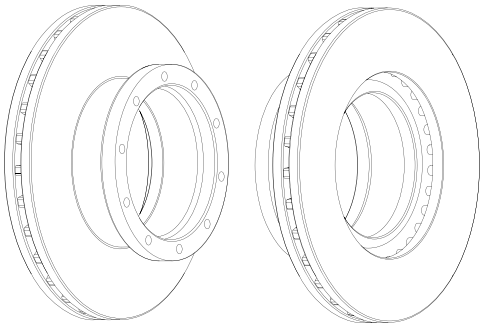




BCR145A

∅	A	B	C	D		Kg		ABS
430	45	37	132	211	10xM14	34.2		

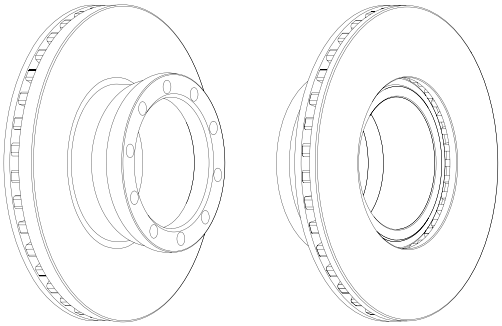
DISCOS Trailer
MERCEDES-BENZ Actros I, Actros II/III, Atego II, Axor, Citaro (O 530), Cito (O 520), Econic, Powerliner Series, Tourismo (O 350), Travego (O 580)
SETRA Comfortclass 400, TopClass 400



BCR146A

∅	A	B	C	D		Kg		ABS
330	34	30	104	135	10xM14	16.4		

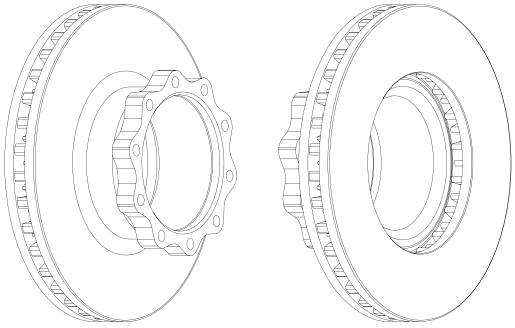
MAN L2000- Series, L2000-Series (LE Evolution), M2000-L Series



BCR147A

∅	A	B	C	D		Kg		ABS
377	45	38	128	162	10xM14	23		

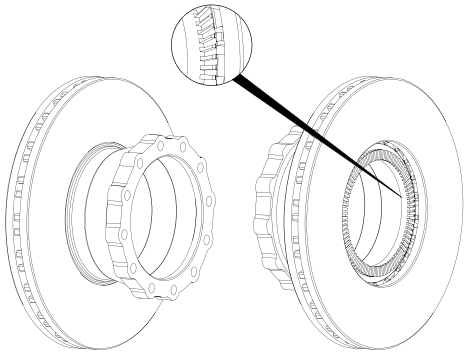
MAN M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TGM Series
SOR SOR 10.5, SOR 12, SOR 9.5



BCR148A

∅	A	B	C	D		Kg		ABS
330	34	31	124	157	12xM12	17.1		✓

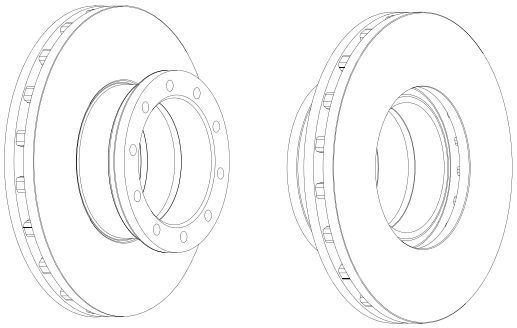
MAN L2000- Series, L2000-Series (LE Evolution)



BCR151A

∅	A	B	C	D		Kg		ABS
375	44	37	128	154	10xM14	25		

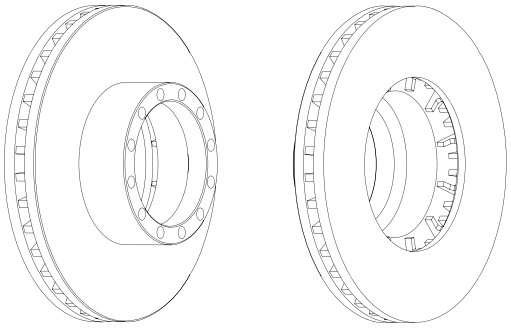
DAF F 50 Series, F 55 Series

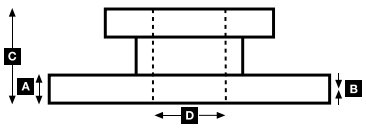


BCR155A

∅	A	B	C	D		Kg		ABS
410	48	40	120	162	12xM16	29.1		

VAN HOOL All



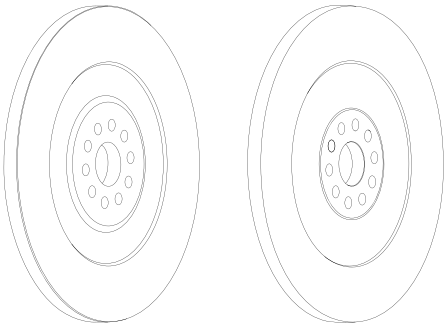


BERAL®

BCR156A

∅	A	B	C	D		Kg		ABS
374	22	20	22	60	10x16,7	9.5		

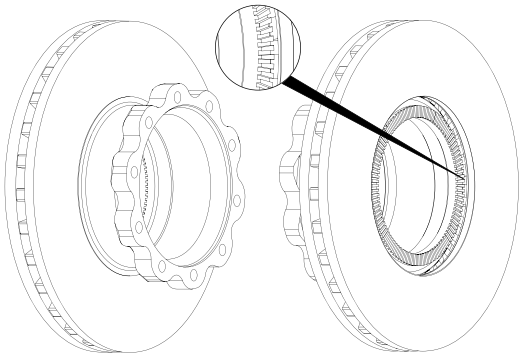
MERCEDES-BENZ MB-Trac, Unimog



BCR161A

∅	A	B	C	D		Kg		ABS
432	45	37	135	208	10xM16	35		✓

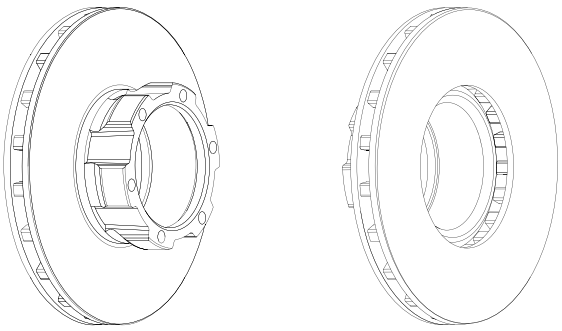
MAN F2000-Series, F90-Series, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TG-A Series:



BCR162A

∅	A	B	C	D		Kg		ABS
304	30	26	91	118	6xM12	10.5		

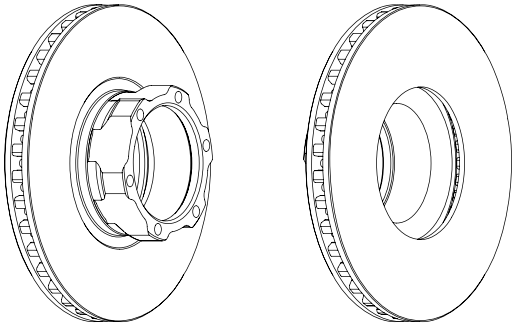
MERCEDES-BENZ Vario, Vario Minibus



BCR163A

∅	A	B	C	D		Kg		ABS
324	30	26	91	118	6xM12	11		

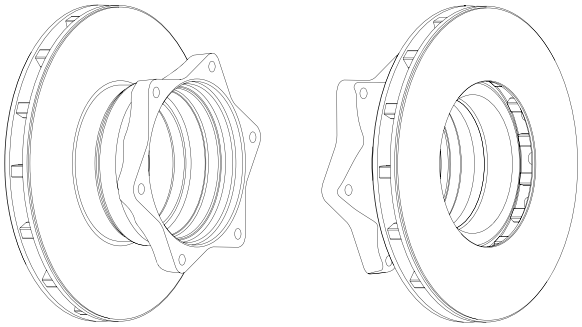
ALEXANDER PSV ALX 100, Mini
MERCEDES-BENZ Vario, Vario Minibus



BCR164A

∅	A	B	C	D		Kg		ABS
304	30	26	120	157	6xM12	11.4		

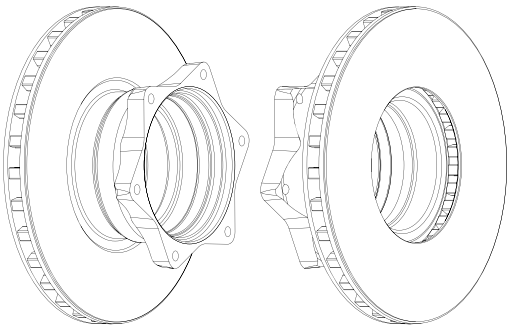
MERCEDES-BENZ Vario, Vario Minibus

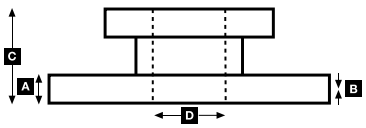


BCR165A

∅	A	B	C	D		Kg		ABS
324	30	26	120	157	6xM12	12.2		

ALEXANDER PSV ALX 100, Mini
MERCEDES-BENZ Vario, Vario Minibus

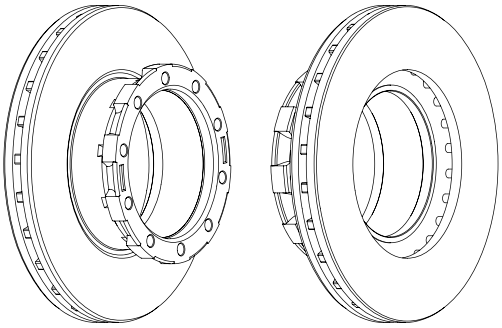




BCR168A

∅	A	B	C	D		Kg		ABS
430	45	37	131	203	10xM16	34.4		

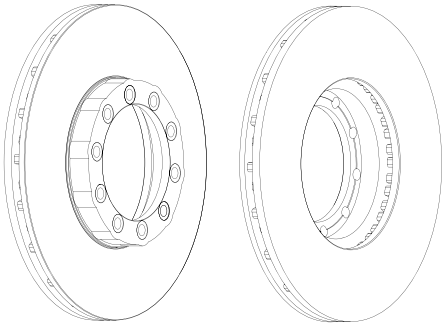
BOVA Futura, Futura (3-Axle)
NEOPLAN Centroliner:, Cityliner:, Euroliner:, Jetliner:, Low Floor Buses, Spaceliner:, Starliner, Transliner
SOLARIS City Bus



BCR169A

∅	A	B	C	D		Kg		ABS
276	24	22.4	44	102	10x10,6	6.6		

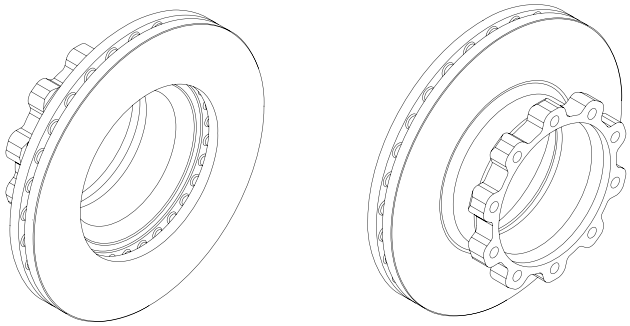
RENAULT TRUCKS B Series



BCR170A

∅	A	B	C	D		Kg		ABS
430	45	37	131	208	10xM16	29.5		

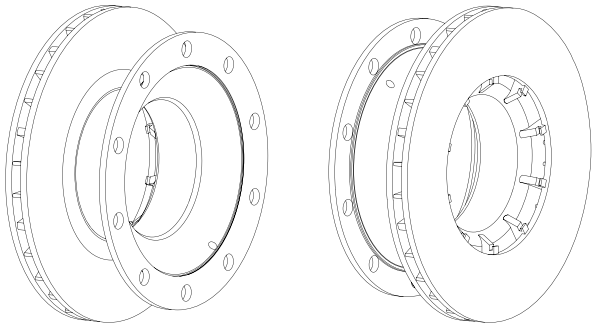
BERKHOF PSV Excellence, Scania Chassis
SCANIA 4-Series, All, K124, L94 Series, R-Series



BCR172A

∅	A	B	C	D		Kg		ABS
430	45	37	159.5	290	10x23 2x10	37.5		

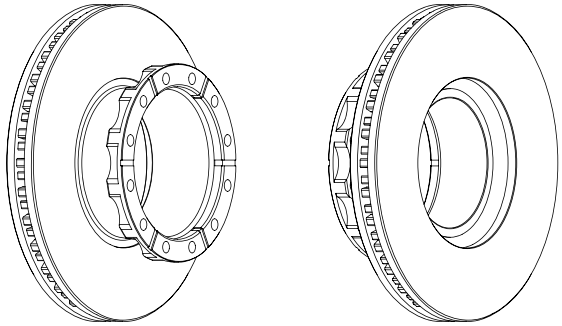
BPW SH Series SB/SN7 (SB4345)



BCR173A

∅	A	B	C	D		Kg		ABS
436	45	37	138.5	210	12xM16	37.7		

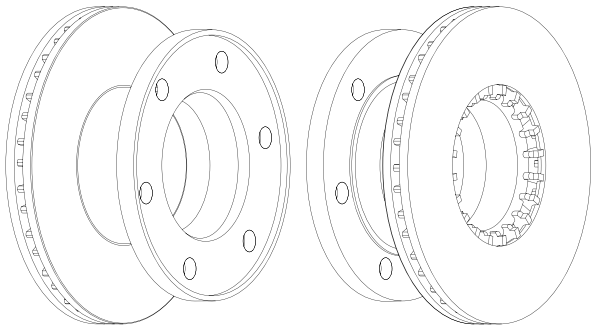
IRISBUS Iveco 391 E- 393E - 397E
IVECO Eurocargo, Eurostar, Eurotech MH, Eurotech MP, Eurotech MT, Eurotrakker/Eurotrakker Cursor

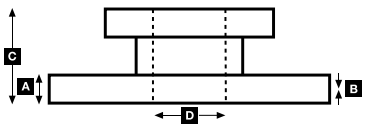


BCR174A

∅	A	B	C	D		Kg		ABS
304	30	27.8	134.5	250	6x21	15		

RENAULT TRUCKS Midliner/S Series



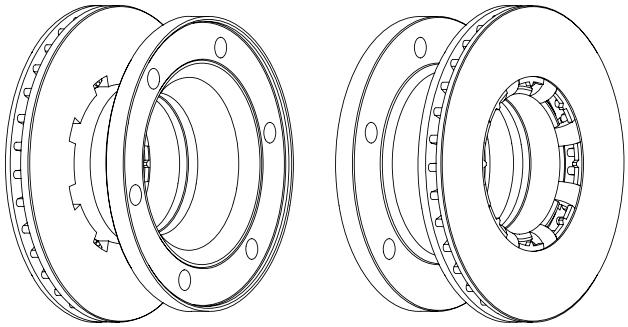


BERAL®

BCR175A

∅	A	B	C	D		Kg		ABS
322	30	27.8	140	290	6x21	18		

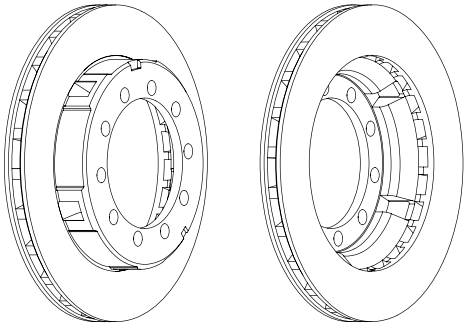
RENAULT TRUCKS Midliner/S Series



BCR177A

∅	A	B	C	D		Kg		ABS
417	30	27	73	159	10x18,5	18.6		

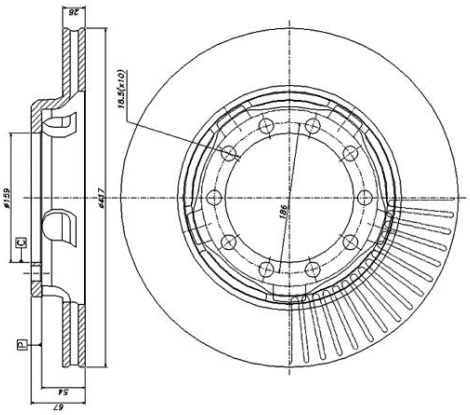
MENARINI All



BCR179A

∅	A	B	C	D		Kg		ABS
417	28	25.5	67	159	10	41.6		

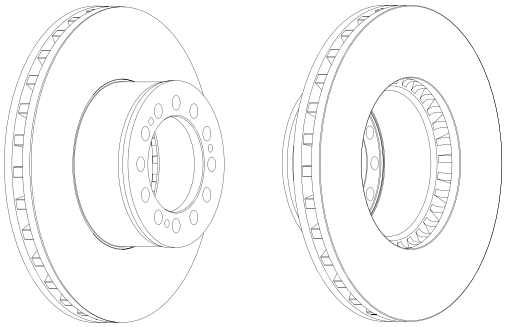
IRISBUS Iveco 380, Iveco 491/591, Iveco Euroclass, Iveco MyWay



BCR181A

∅	A	B	C	D		Kg		ABS
432	45	38	130	131	12x19 3xM12	36		

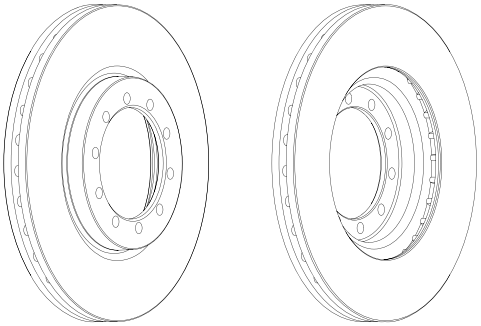
MAN Lions Coach, Lions Star, NG Series:, NU, UL



BCR182A

∅	A	B	C	D		Kg		ABS
290	26	24	43	102	10x10,5	7		

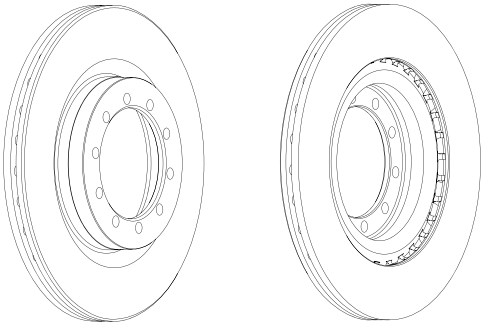
RENAULT Mascott

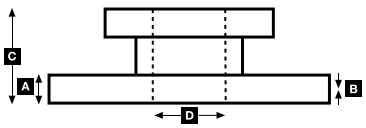


BCR183A

∅	A	B	C	D		Kg		ABS
290	22	20.4	43	102	10x10,5	6		

RENAULT Mascott

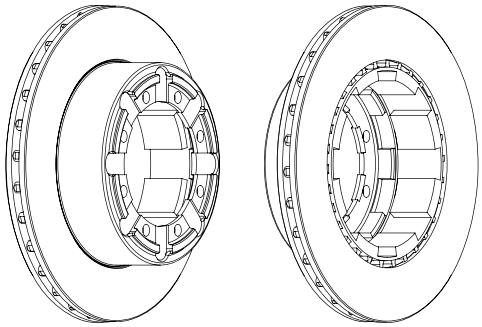




BCR184A

∅	A	B	C	D		Kg		ABS
290	22	20.4	78	150	8X11	8		

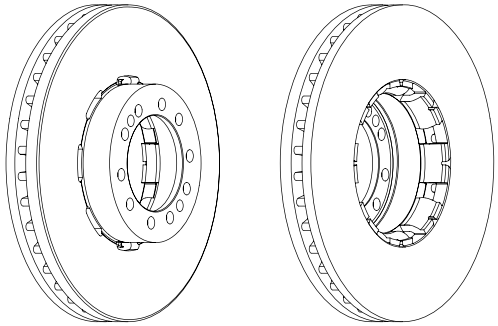
RENAULT Mascott



BCR185A

∅	A	B	C	D		Kg		ABS
380	45	38	85	117	10x15 2xM14	22.9		

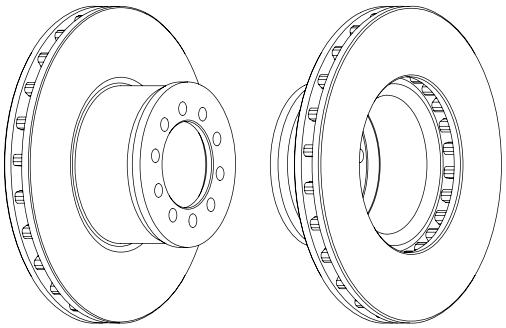
RENAULT TRUCKS Midlum Series



BCR186A

∅	A	B	C	D		Kg		ABS
335	34	31	102	91.5	10x14,5	15		

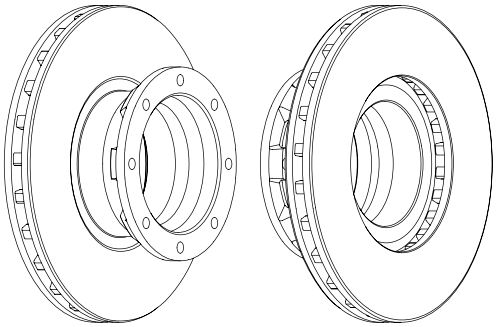
MERCEDES-BENZ Atego I



BCR187A

∅	A	B	C	D		Kg		ABS
335	34	31	111	131	8xM12	16		

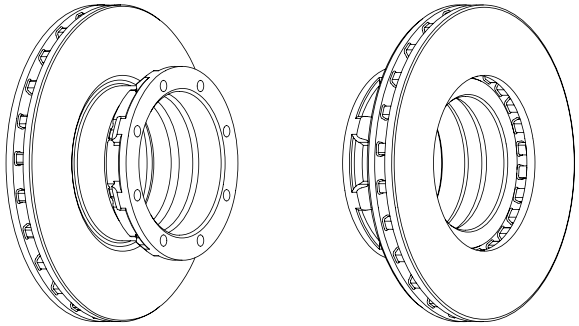
MERCEDES-BENZ Atego I



BCR188A

∅	A	B	C	D		Kg		ABS
335	34	28	111	152	8xM12	15.2		

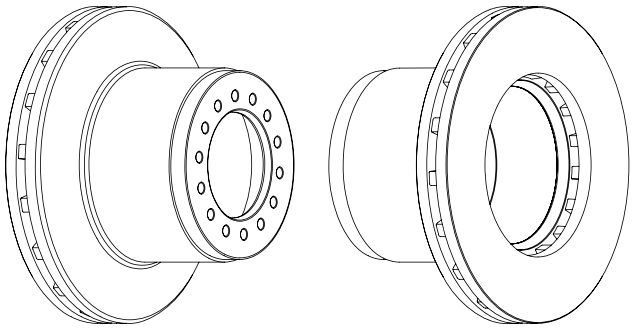
MERCEDES-BENZ Atego I

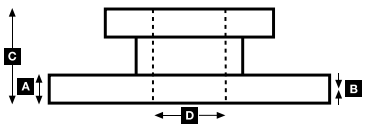


BCR189A

∅	A	B	C	D		Kg		ABS
377	45	37	134	105.7	14x14,5	24		

ERNST AUWÄRTER Clubstar
MERCEDES-BENZ Atego I, Tourino (O 510)



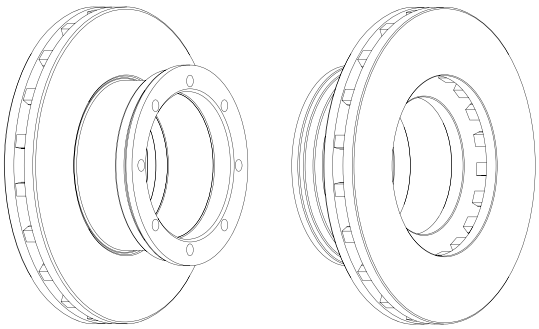


BERAL®

BCR190A

∅	A	B	C	D		Kg		ABS
377	45	37	138	176	8xM14	26.4		

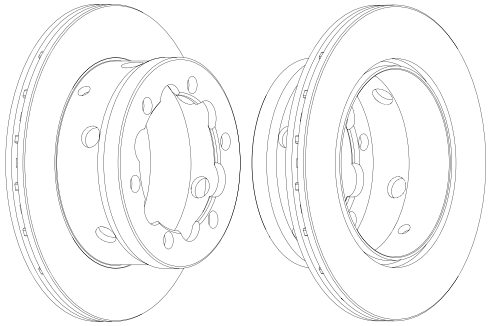
DISCOS Trailer
ERNST AUWÄRTER Clubstar
MERCEDES-BENZ Atego I



BCR191A

∅	A	B	C	D		Kg		ABS
285	22	19	93	120	6x15,1	7		

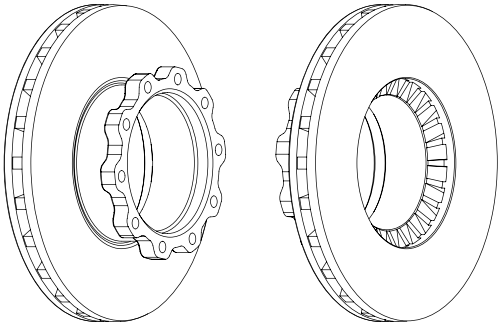
MERCEDES-BENZ Sprinter 4-T (904)



BCR192A

∅	A	B	C	D		Kg		ABS
438	45	38	127	195	10xM16	35		

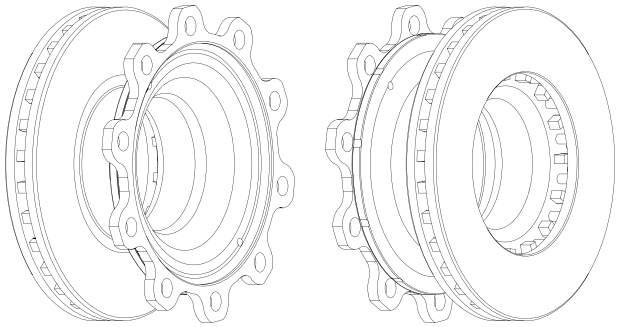
CAETANO PSV Enigma 12m, Porto 12m
DENNIS Arrow, Eagle, Fire Engines
VOLVO B 10-Series:, B 12-Series:, B-Series:, Citybus, TX (8000.9000)



BCR193A

∅	A	B	C	D		Kg		ABS
377	45	37	159	290	10x23 2x9,7	28		

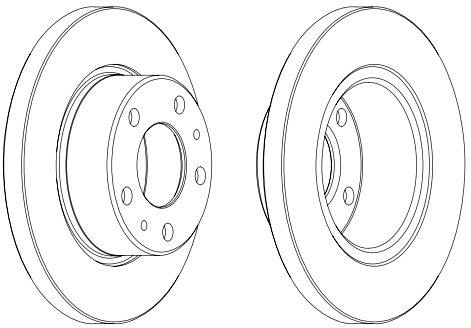
BPW Eco Plus SB/SN6 (SB3745)



BCR194A

∅	A	B	C	D		Kg		ABS
276	22	20.4	72	73	5x15,7 2x8,7	8		

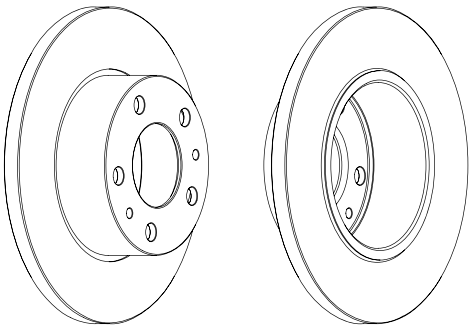
IVECO Daily II

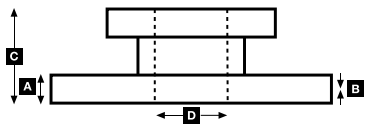


BCR195A

∅	A	B	C	D		Kg		ABS
276	16	13	67	73	5x15,6 2x8,7	11		

IVECO Daily II

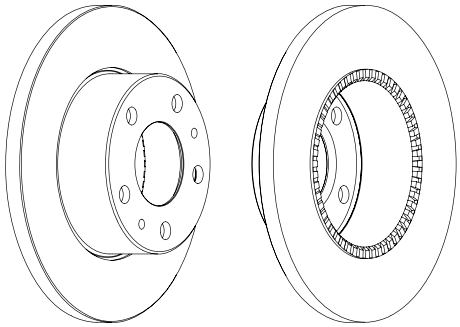




BCR196A

∅	A	B	C	D		Kg		ABS
276	16	14.8	67	73	5x15,7 2x8,7	6.7		✓

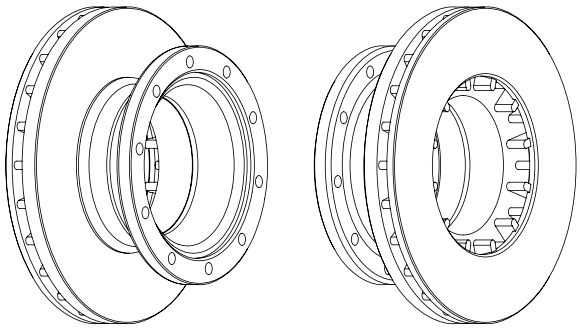
IVECO Daily II



BCR197A

∅	A	B	C	D		Kg		ABS
378	45	42	150	222	10xM16	30.5		

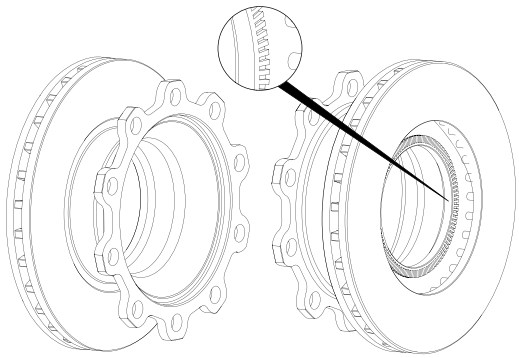
MERITOR All



BCR199A

∅	A	B	C	D		Kg		ABS
430	45	38	155	280	10x26,5	36.2		✓

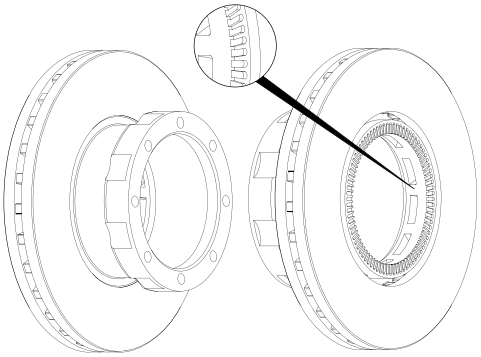
CRANE FRUEHAUF All
GIGANT GROUP S.A.E. (Dupillier), SMB



BCR200A

∅	A	B	C	D		Kg		ABS
377	45	38	138	169	8xM14	27		✓

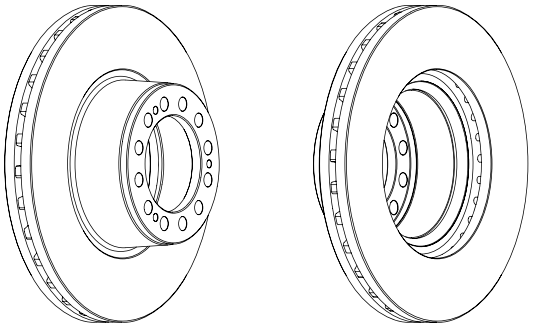
CRANE FRUEHAUF All
GIGANT GROUP S.A.E. (Dupillier), SMB



BCR201A

∅	A	B	C	D		Kg		ABS
430	45	37	130	131	12x19 3xM12	33		

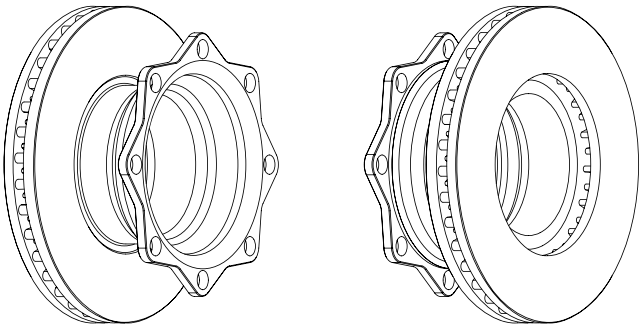
SAF All

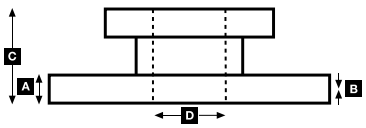


BCR202A

∅	A	B	C	D		Kg		ABS
377	45	38	157	169	8x23	27		

GIGANT GROUP S.A.E. (Dupillier)
SAF All



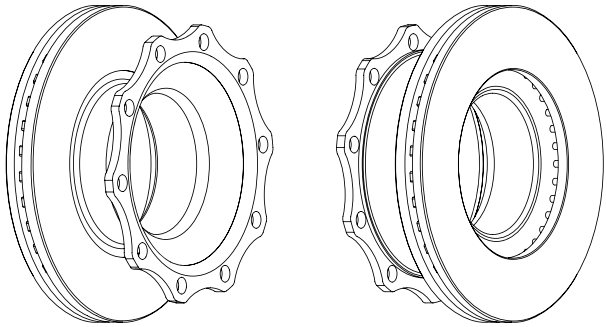


BERAL®

BCR203A

∅	A	B	C	D		Kg		ABS
430	45	37	160	192	10x23	38.8		

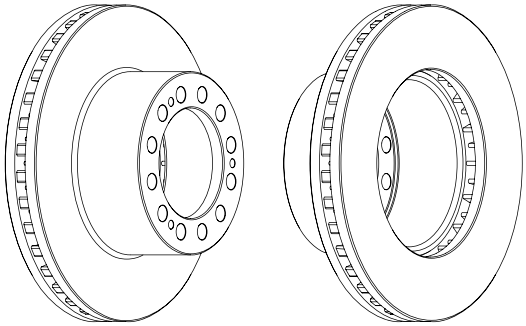
SAF All



BCR204A

∅	A	B	C	D		Kg		ABS
375	45	38	139	131	12x19 3xM12	25.4		

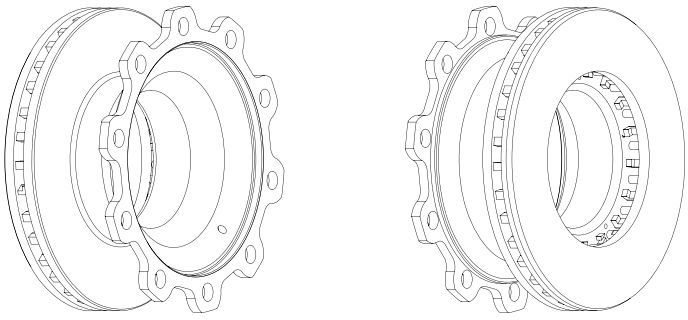
SAF All



BCR205A

∅	A	B	C	D		Kg		ABS
377	45	38	159	290	10x23 2x10 5xM6	27.9		✓

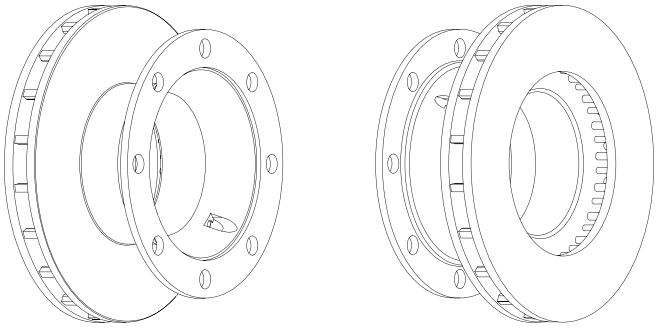
BPW Eco Max SB/SN6 (SB3745), SKH Series SB/SN6 (SB3745)



BCR206A

∅	A	B	C	D		Kg		ABS
377	45	38	159	230	8x23 2x10,5 5xM6	27		✓

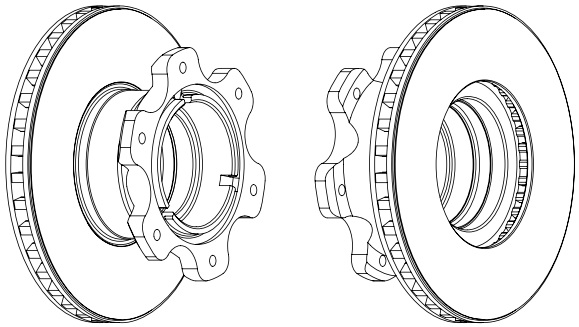
BPW SKH Series SB/SN6 (SB3745)
MERCEDES-BENZ Tourino (O 510)



BCR208A

∅	A	B	C	D		Kg		ABS
304	30	27.8	120	120	6xM12	14		

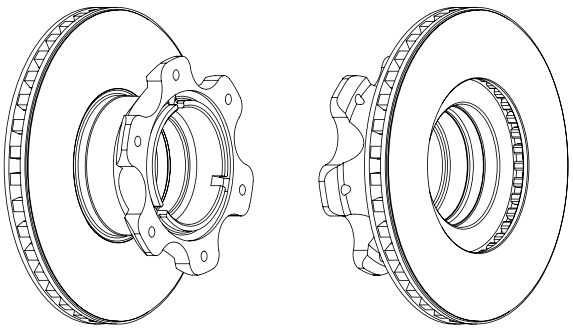
MERCEDES-BENZ Vario

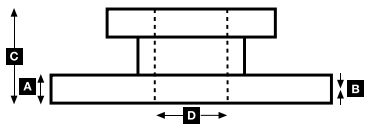


BCR209A

∅	A	B	C	D		Kg		ABS
324	30	27.8	120	120	6xM12	15		

MERCEDES-BENZ Vario

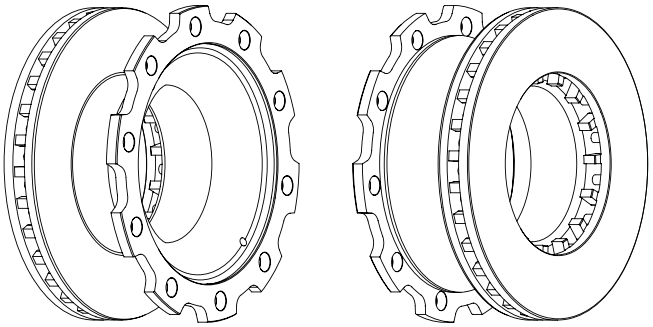




BCR210A

∅	A	B	C	D		Kg		ABS
377	45	38	169	290	10x23 2x9,8	29		

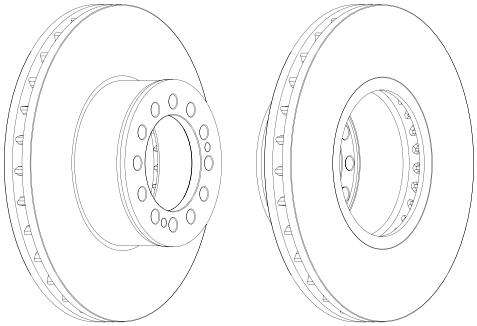
BPW SKH Series SB/SN6 (SB3745)



BCR214A

∅	A	B	C	D		Kg		ABS
432	45	40	130	131	12x19 3xM12	36		

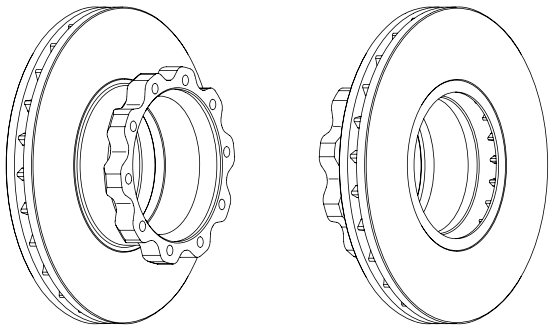
MAN TG-A Series:, TGM Series, TGS, TGX



BCR215A

∅	A	B	C	D		Kg		ABS
432	45	40	135	208	10xM16	37		

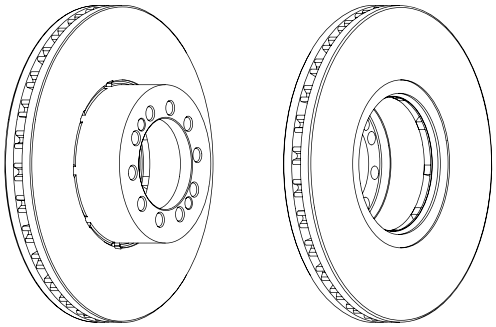
ERF ECS/ECT/ECX
MAN F2000-Series, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TG-A Series:, TGM Series, TGS, TGX



BCR218A

∅	A	B	C	D		Kg		ABS
330	34	30	80	95	10x15 2xM12	15		

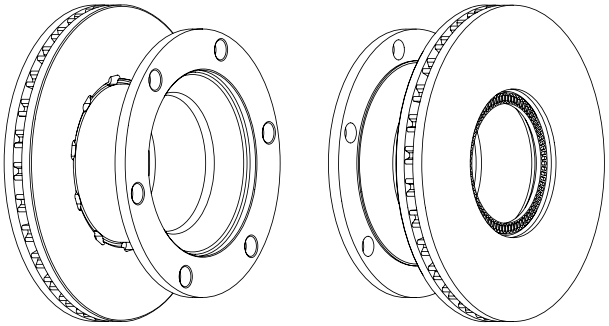
RENAULT TRUCKS Midlum Series



BCR219A

∅	A	B	C	D		Kg		ABS
330	34	28	137	194	6x21	20		✓

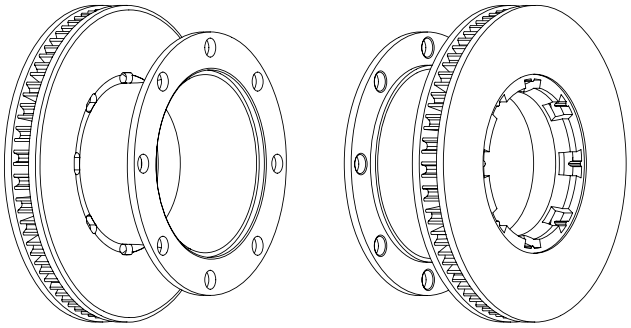
RENAULT TRUCKS Midlum Series

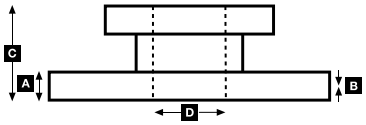


BCR220A

∅	A	B	C	D		Kg		ABS
375	45	38	167	222	8x22,5	30.2		✓

RENAULT TRUCKS Midlum Series



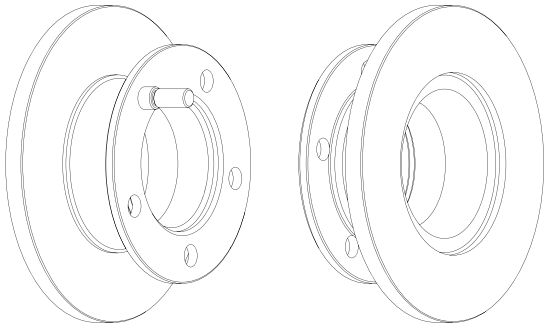


BERAL®

BCR221A

∅	A	B	C	D		Kg		ABS
238	16	14.5	79	102	5xM14	6.5	5xM14x1,5 41,5mm	

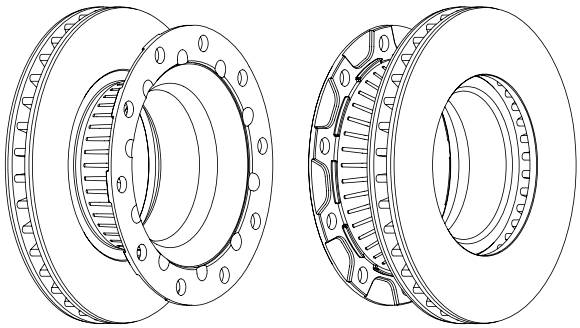
MERCEDES-BENZ MB100



BCR222A

∅	A	B	C	D		Kg		ABS
430	45	38	160	201	10x22,5	33		

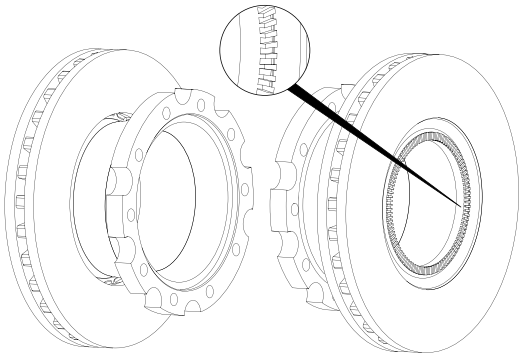
BPW Eco Plus SB/SN7 (SB4345), Eco Plus SK7 (SB4309), SH Series SB/SN7 (SB4345)



BCR223A

∅	A	B	C	D		Kg		ABS
377	45	38	150	222	10xM16	29.9		✓

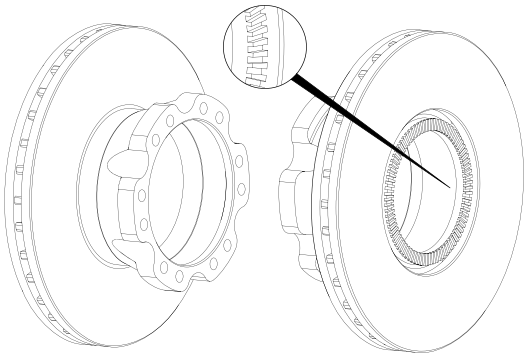
MERITOR All



BCR226A

∅	A	B	C	D		Kg		ABS
330	34	30	119	150	12xM12x1,175	18		✓

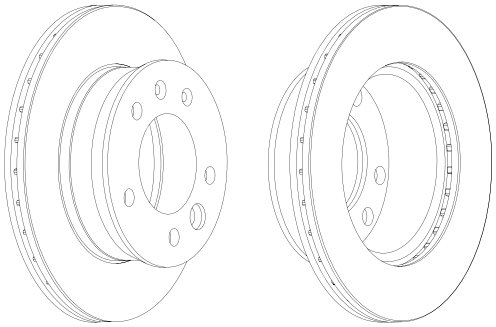
DAF LF 45



BCR228A

∅	A	B	C	D		Kg		ABS
276	22	19	77	85	5x15 1x9/17 1x16/23	6.8		

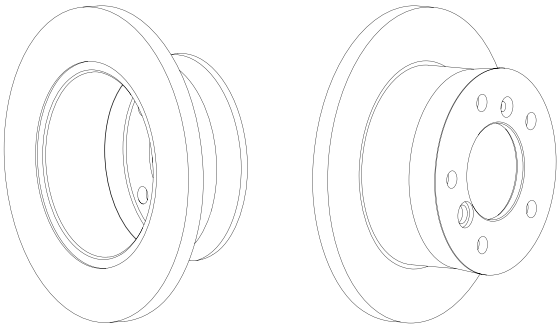
MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903), Sprinter 4-T (904), Sprinter Mini Bus (3,5 to), Sprinter Mini Bus (4,6 to)
VOLKSWAGEN LT II (2DX0FE)

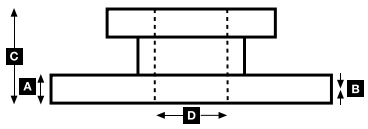


BCR229A

∅	A	B	C	D		Kg		ABS
272	16	14	96	85	5x15 1x9/17 1x16/23	6.9		

MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903), Sprinter 4-T (904), Sprinter Mini Bus (3,5 to), Sprinter Mini Bus (4,6 to)
VOLKSWAGEN LT II (2DX0FE)

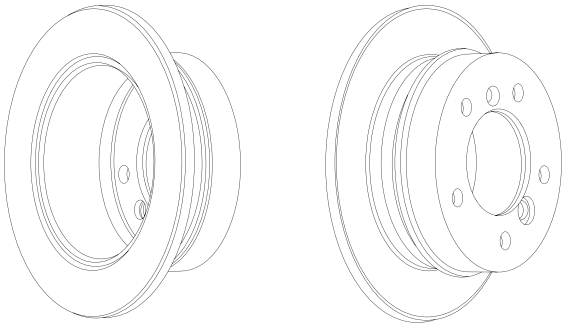




BCR230A

∅	A	B	C	D		Kg		ABS
258	12	10	96	85	5x15 1x9/17 1x16/23	6.2		

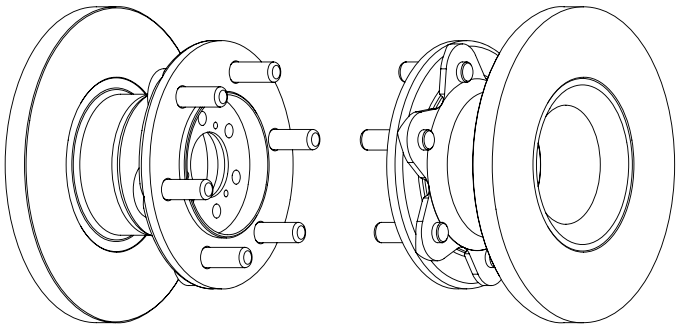
MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903)
VOLKSWAGEN LT II (2DX0FE)



BCR234A

∅	A	B	C	D		Kg		ABS
280	22	19	142	124	6xM18 6x12,5 3xM6	15.6	6xM18x40mm	

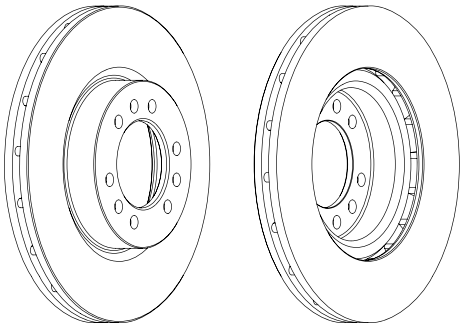
IVECO Daily I



BCR235A

∅	A	B	C	D		Kg		ABS
290	26	23	53	80	9x12,5	7.4		

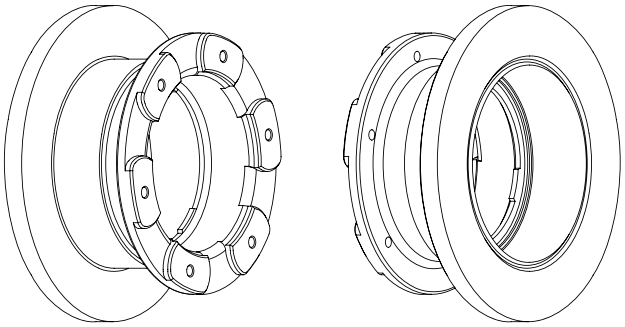
IVECO Daily II



BCR236A

∅	A	B	C	D		Kg		ABS
306	22	19	136	178	6xM10	13.7		

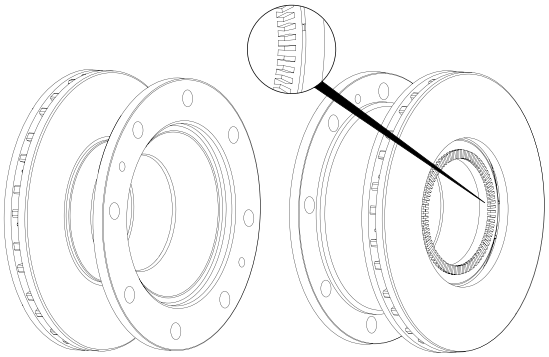
IVECO Daily II



BCR237A

∅	A	B	C	D		Kg		ABS
330	34	28	141	215	8x20 2xM10	23.2		✓

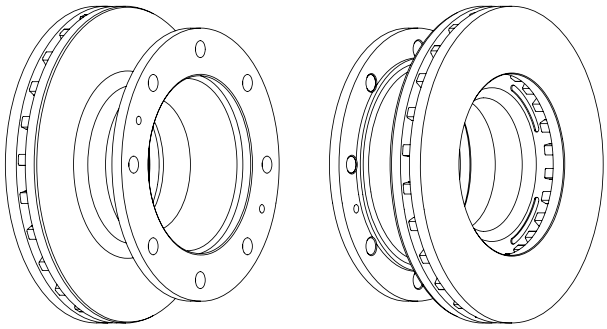
IVECO Eurocargo, Eurocargo Tector
PERROT BREMSEN (WABCO) All

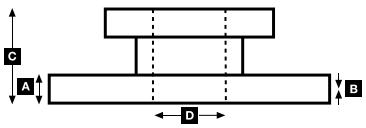


BCR238A

∅	A	B	C	D		Kg		ABS
377	45	38	151	215	8xM20 2xM10	33	8xM20x1,5 85mm	

IRISBUS Iveco Midway
IVECO Eurocargo, Eurocargo Tector



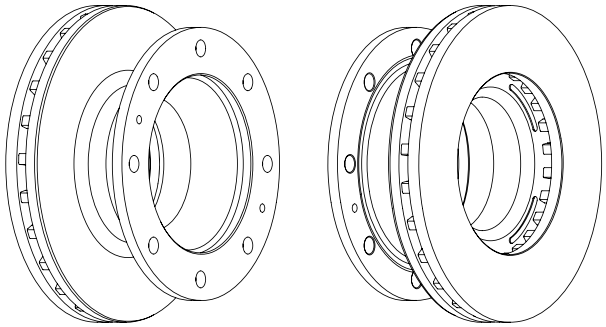


BERAL®

BCR239A

∅	A	B	C	D		Kg		ABS
377	45	37	151	215	8xM22 2xM10	32.6	8xM22x1,5 87mm	

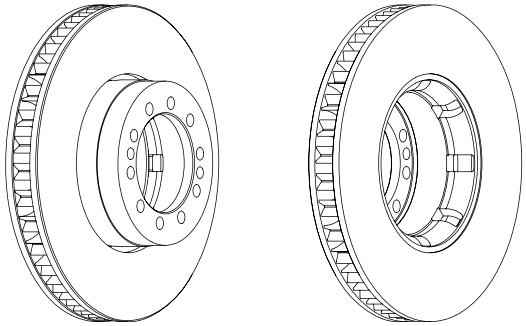
IVECO Eurocargo, Eurocargo Tector



BCR242A

∅	A	B	C	D		Kg		ABS
375	45	38	99	168	10x15 2xM14x2	23.8		

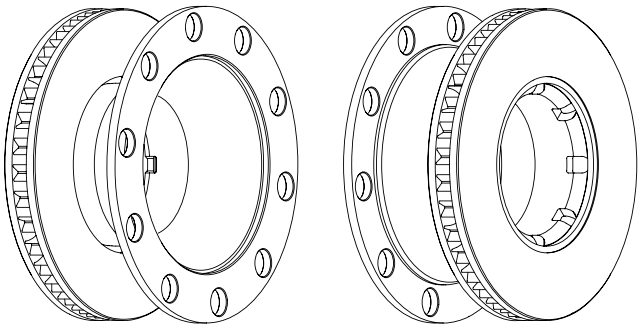
RENAULT TRUCKS Midlum Series, New Midlum Series



BCR243A

∅	A	B	C	D		Kg		ABS
375	45	38	166	262	10x33	31.1		

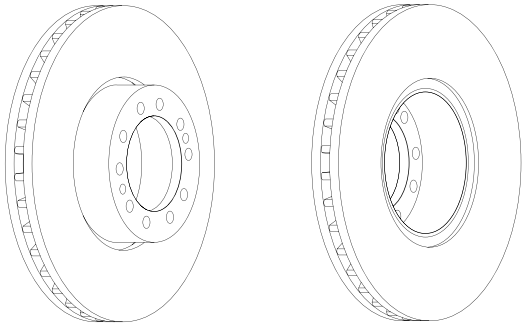
RENAULT TRUCKS Midlum Series, New Midlum Series



BCR244A

∅	A	B	C	D		Kg		ABS
434	45	38	97	131	10x17 2xM14	33		

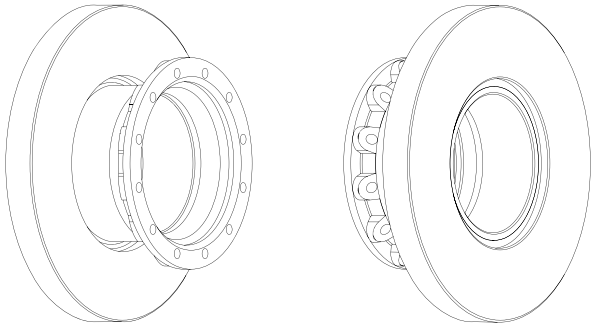
RENAULT TRUCKS Magnum E.Tech, Magnum/AE Series, Major/R Series, Manager/G Series, Premium Distribution, Premium Route



BCR245A

∅	A	B	C	D		Kg		ABS
434	45	38	160	224	12xM14	47		

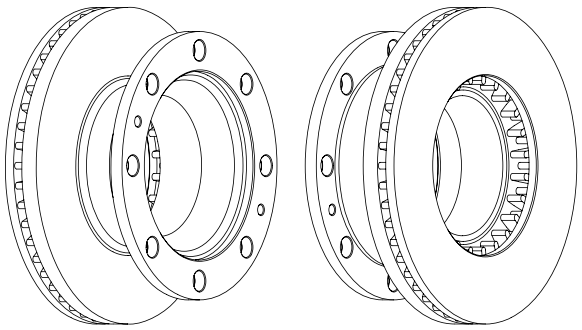
RENAULT TRUCKS Magnum E.Tech, Premium Distribution, Premium Route

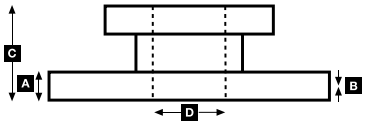


BCR248A

∅	A	B	C	D		Kg		ABS
378	45	38	150	225	8x24,3 2xM12x1,75	33.5		

MERITOR All

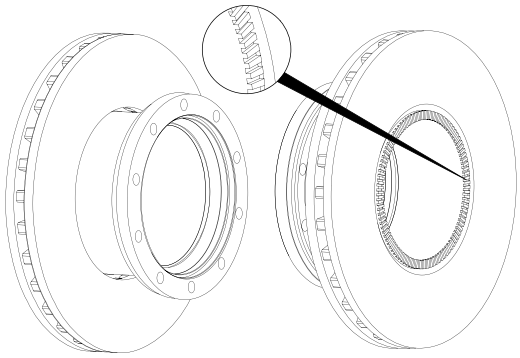




BCR250A

∅	A	B	C	D		Kg		ABS
434	45	38	150	222	10xM16	39.6		✓

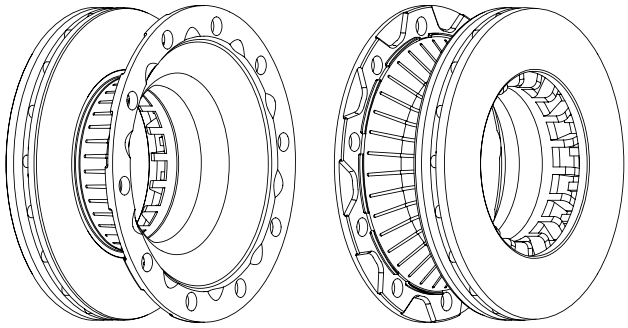
MERITOR All



BCR252A

∅	A	B	C	D		Kg		ABS
375	45	38	160	189	10x22,2	29		

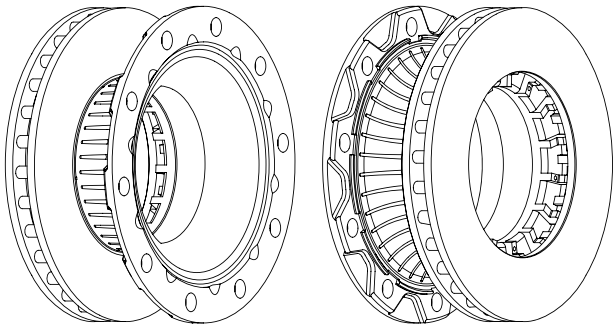
BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745),
SKH Series SB/SN6 (SB3745)



BCR253A

∅	A	B	C	D		Kg		ABS
377	45	38	159	189	10x22,5	29		

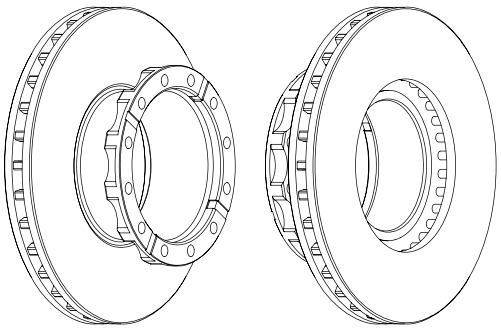
BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745),
SKH Series SB/SN6 (SB3745)



BCR254A

∅	A	B	C	D		Kg		ABS
432	45	37	139	210	12xM16x2	37.7		

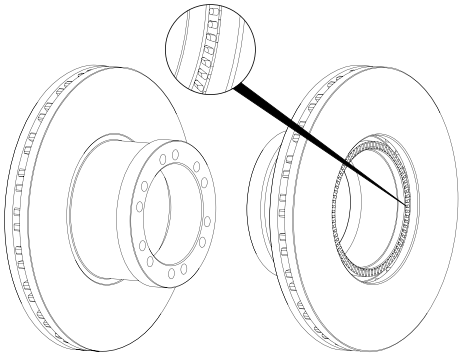
IRISBUS Iveco MyWay
IVECO Eurocargo, Eurocargo Tector, Eurostar, Eurotech MH,
Eurotrakker/Eurotrakker Cursor, Stralis



BCR255A

∅	A	B	C	D		Kg		ABS
330	34	30	123	117	12xM12x1,75	18		✓

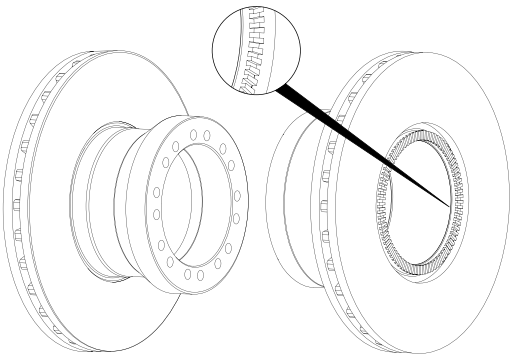
DAF LF 45

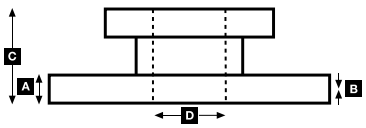


BCR256A

∅	A	B	C	D		Kg		ABS
330	34	30	143	133	16xM12x1,75	19.3		✓

DAF LF 45



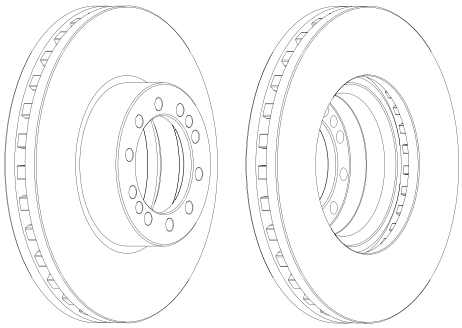


BERAL®

BCR257A

∅	A	B	C	D		Kg		ABS
375	45	43	99	117	10x15 2xM14x2	23.4		

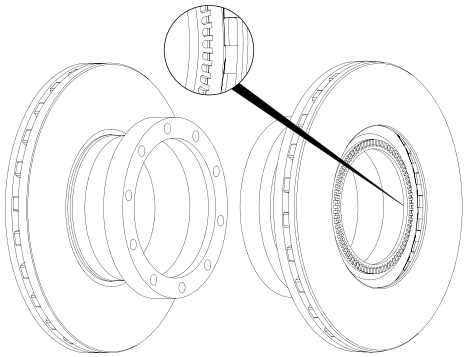
DAF LF 55



BCR258A

∅	A	B	C	D		Kg		ABS
375	45	37	146	179	10xM14	29		✓

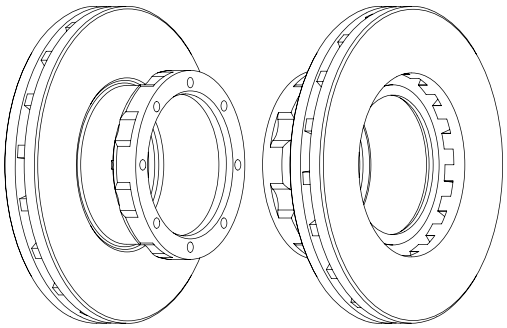
DAF LF 55



BCR260A

∅	A	B	C	D		Kg		ABS
377	45	37	138	169	8xM14	26.4		

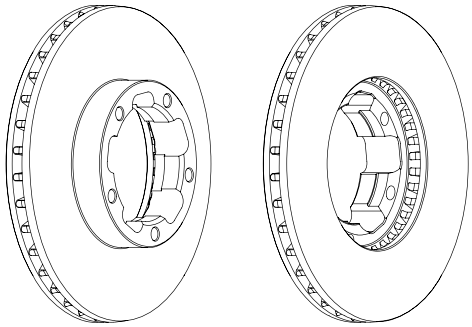
GRANNING LYNX All
MERCEDES-BENZ Atego I



BCR261A

∅	A	B	C	D		Kg		ABS
276	24	22	49.5	96	5	7.1		

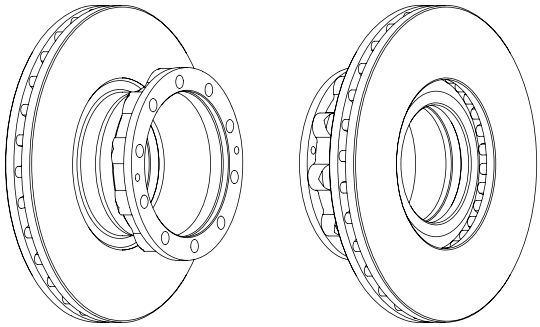
NISSAN Cabstar E



BCR272A

∅	A	B	C	D		Kg		ABS
335	34	30	118	154	2xM8 10xM14x1,5	17		

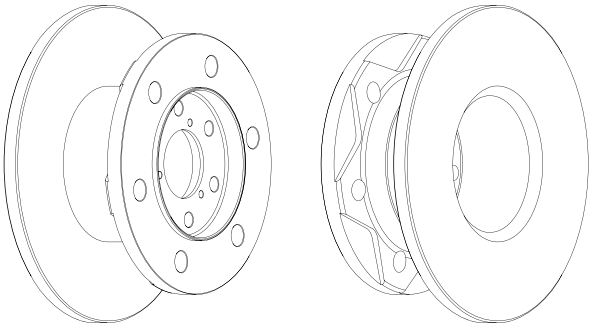
MAN TGL Series

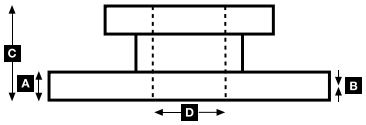


BCR274A

∅	A	B	C	D		Kg		ABS
267	14.2	12.8	105	58	6xM18 6x12,5 3xM6	10.3	6xM18x1,5 37mm	

IVECO Daily I

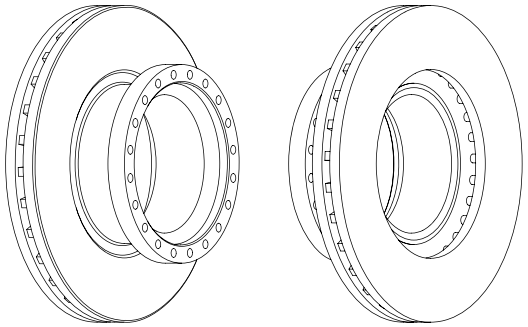




BCR282A

∅	A	B	C	D		Kg		ABS
429	45	37	131	220	20xM12	35.5		

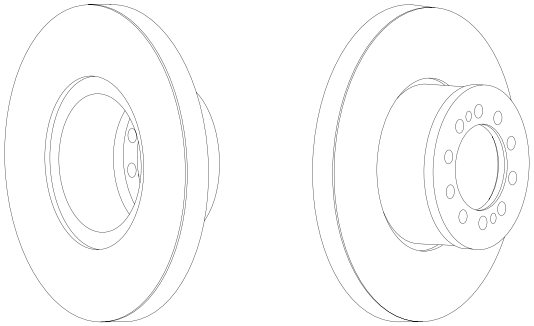
BOVA Futura, Futura (3-Axle)



BCR303A

∅	A	B	C	D		Kg		ABS
337	30	28	100	91.5	10x14,5 2xM10	18.3		

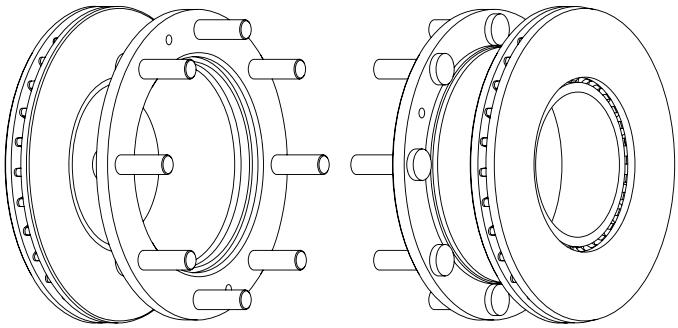
VOLVO FL 6-Series:



BCR307A

∅	A	B	C	D		Kg		ABS
377	45	37	151	225	8xM20 2xM10	33.6	72mm	✓

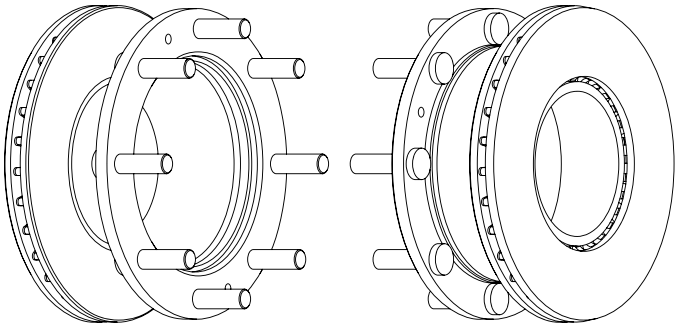
IVECO Eurocargo, Eurocargo Tector



BCR308A

∅	A	B	C	D		Kg		ABS
377	45	37	151	225	8xM22 2xM10	34.1	72mm	✓

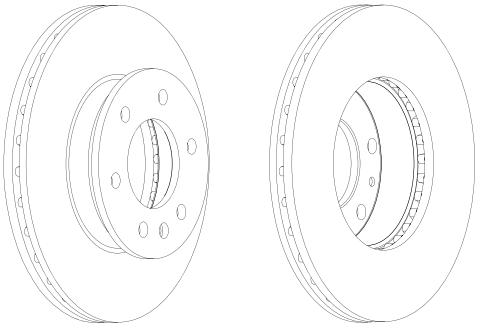
IVECO Eurocargo Tector



BCR310A

∅	A	B	C	D		Kg		ABS
300	28	26	68.5	85	6x15 1x9	9.2		

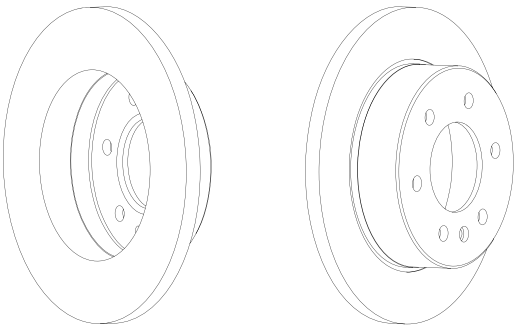
MERCEDES-BENZ Sprinter 3-T (906), Sprinter 5-T (906)
VOLKSWAGEN Crafter 3 T, Crafter 5 T

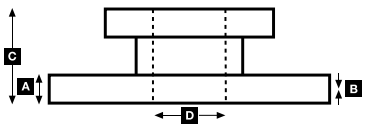


BCR311A

∅	A	B	C	D		Kg		ABS
298	16	14.8	71	85	6x15 1x9	7.3		

MERCEDES-BENZ Sprinter 3-T (906)
VOLKSWAGEN Crafter 3 T



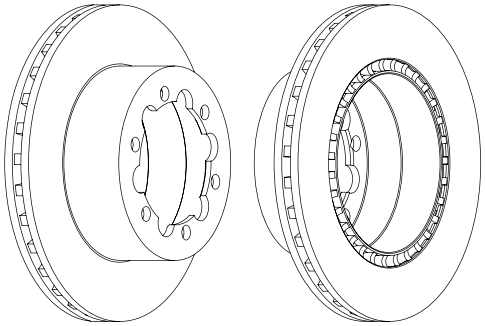


BERAL®

BCR312A

∅	A	B	C	D		Kg		ABS
303	28	26	93	120	6x15	9.6		

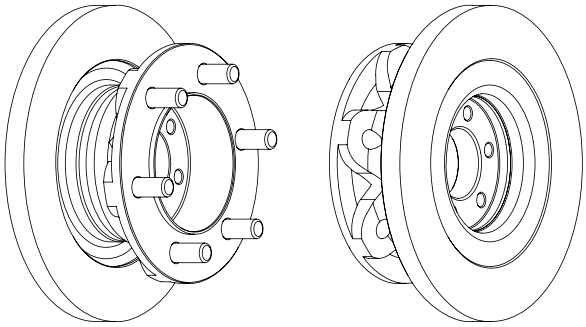
MERCEDES-BENZ Sprinter 5-T (906)
VOLKSWAGEN Crafter 5 T



BCR313A

∅	A	B	C	D		Kg		ABS
290	22	19	110.5	123	6	14.8		

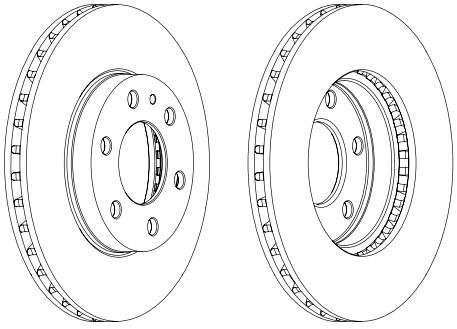
IVECO Daily II



BCR314A

∅	A	B	C	D		Kg		ABS
300	28	25	74.5	78	6	8.6		

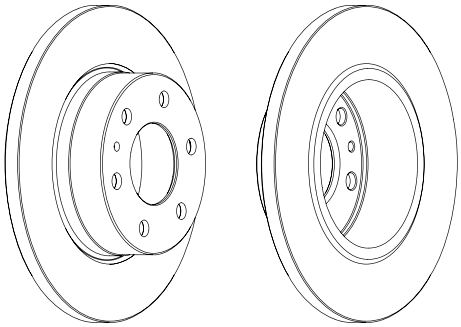
IVECO Daily III



BCR315A

∅	A	B	C	D		Kg		ABS
296	16	13	69.5	76	6	7.6		

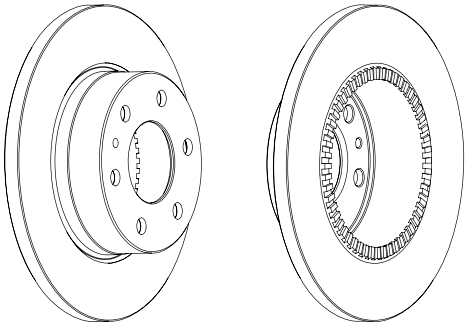
IVECO Daily III



BCR316A

∅	A	B	C	D		Kg		ABS
296	16	13	69.5	76	6	7.6		✓

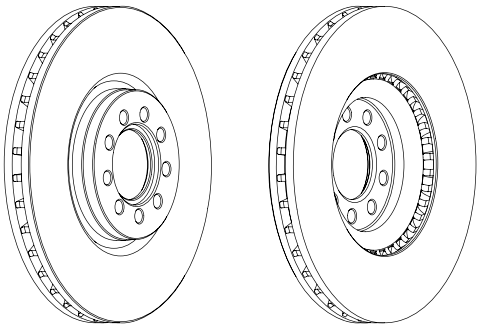
IVECO Daily III

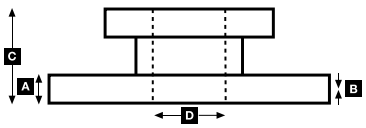


BCR317A

∅	A	B	C	D		Kg		ABS
290	28	25	46	64	9	8.5		

IVECO Daily III

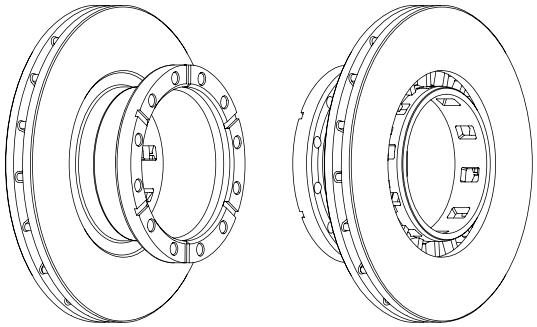




BCR318A

∅	A	B	C	D		Kg		ABS
432	45	37	154	210	12	38		✓

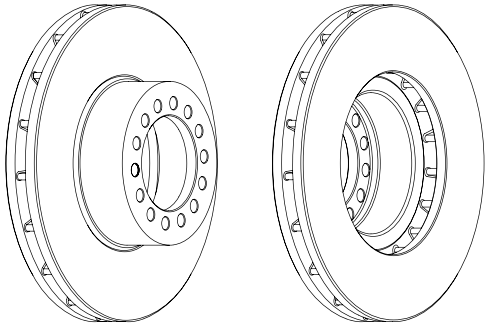
IVECO Stralis



BCR319A

∅	A	B	C	D		Kg		ABS
377	45	37	107	168	14	24.9		

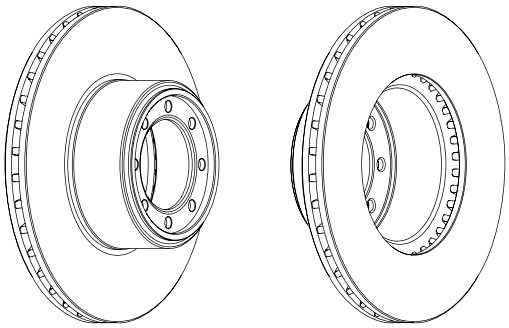
IVECO Eurocargo



BCR320A

∅	A	B	C	D		Kg		ABS
294	24	21	83.5	128	8	8.3		

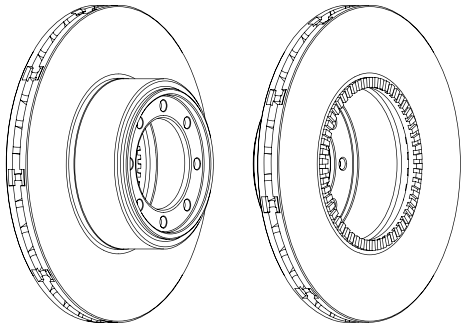
IVECO Daily III



BCR321A

∅	A	B	C	D		Kg		ABS
294	24	21	87.5	128	8	8.7		✓

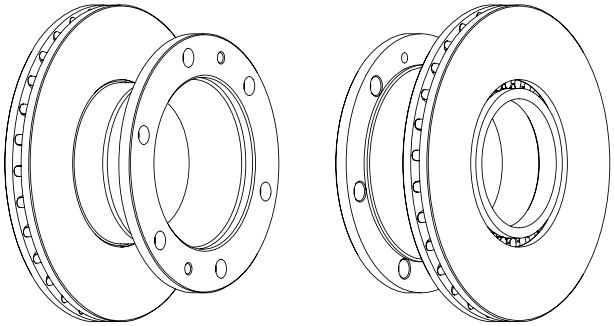
IVECO Daily III



BCR322A

∅	A	B	C	D		Kg		ABS
304	30	27.8	128.5	165	6	14.1		✓

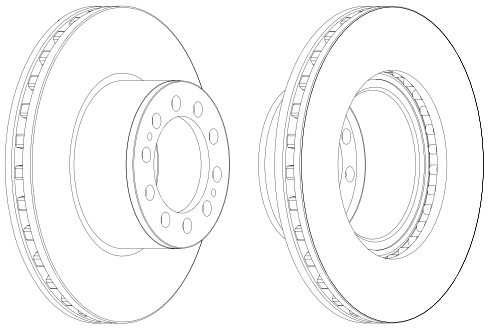
IVECO Eurocargo, Eurocargo Tector

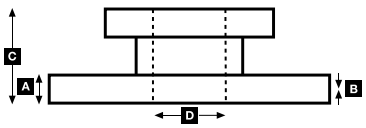


BCR323A

∅	A	B	C	D		Kg		ABS
430	45	37	143	149	10x21 + 2xM12	34.9		

MERCEDES-BENZ Actros II/III



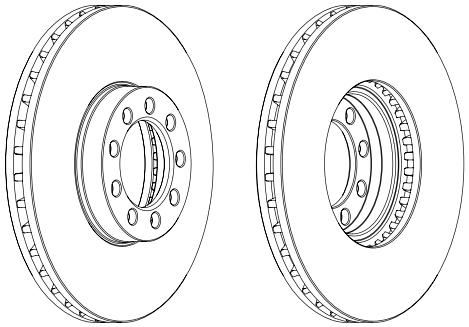


BERAL®

BCR329A

∅	A	B	C	D		Kg		ABS
301	30	27	59	83	9	10.7		

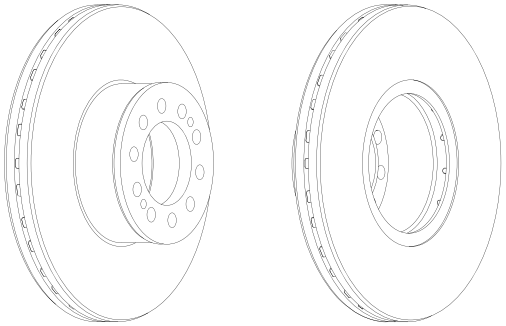
IVECO Daily III



BCR330A

∅	A	B	C	D		Kg		ABS
335	34	30	93	90	10x15 2xM10	17		

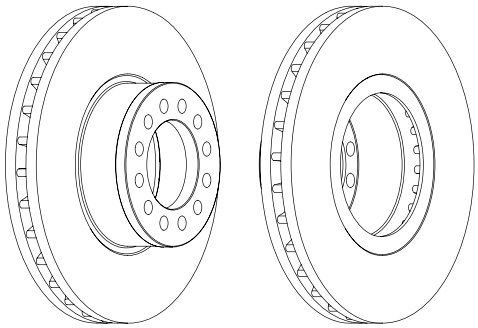
MAN TGL Series



BCR331A

∅	A	B	C	D		Kg		ABS
377	45	37	111	106	12x17	19		

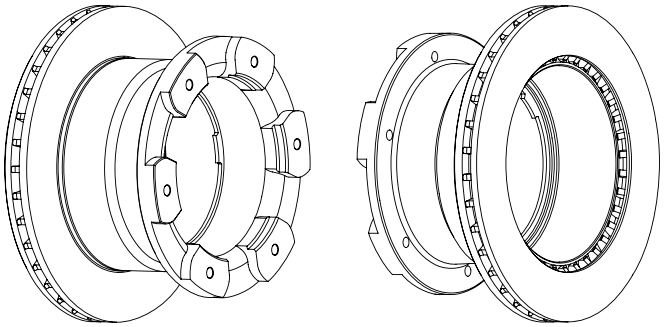
MAN TGM Series



BCR332A

∅	A	B	C	D		Kg		ABS
306	28	25	132	178.2	6	13.3		

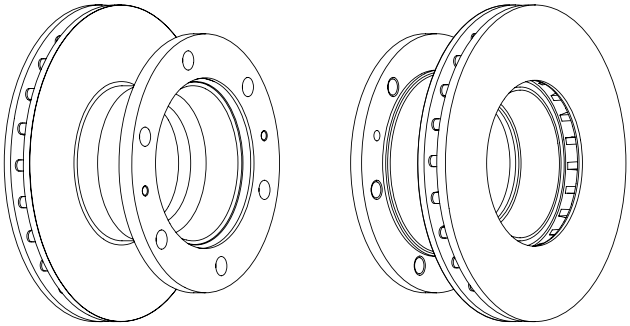
IVECO Daily III



BCR338A

∅	A	B	C	D		Kg		ABS
330	32	29	129.5	185	6	17.9		

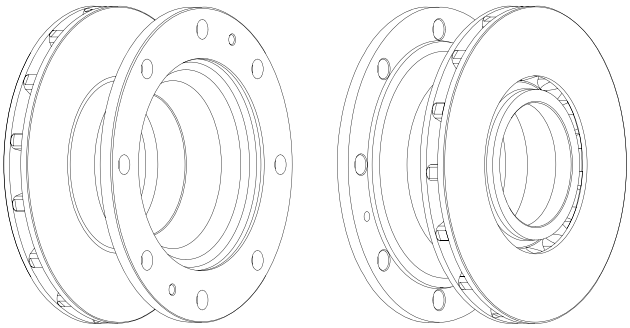
IVECO Eurocargo

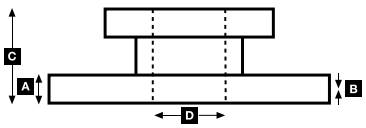


BCR341A

∅	A	B	C	D		Kg		ABS
322	30	27.8	134	215	8	17.9		✓

IVECO Eurocargo Tector

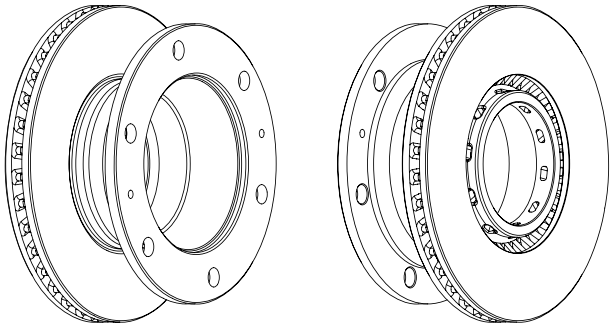




BCR342A

∅	A	B	C	D		Kg		ABS
330	32	29	129.5	185	6	19.1		

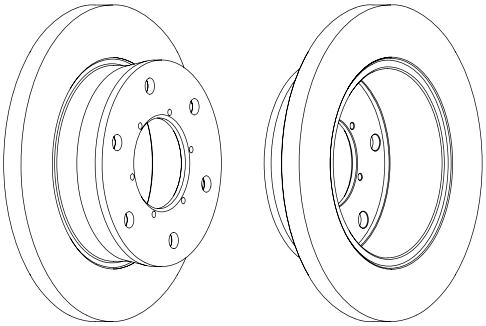
IVECO Eurocargo



BCR343A

∅	A	B	C	D		Kg		ABS
297	22	19	77.5	85	6	9.5		

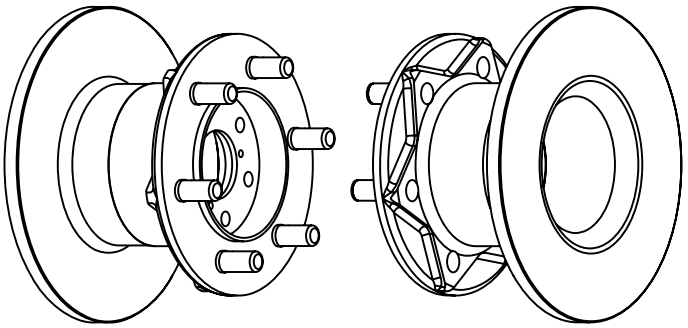
IVECO Daily III



DDF254

∅	A	B	C	D		Kg		ABS
267	14.2	12.8	154	58	6			✓

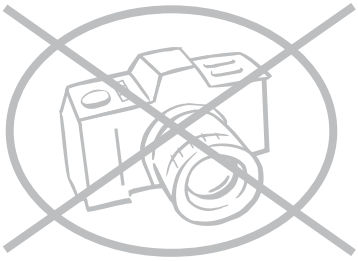
IVECO Daily I



DDF668

∅	A	B	C	D		Kg		ABS
263	24	22	53	96	5			

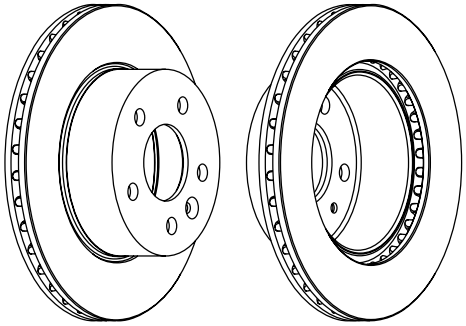
NISSAN Trade



DDF860

∅	A	B	C	D		Kg		ABS
276	22	19	60	67	5			

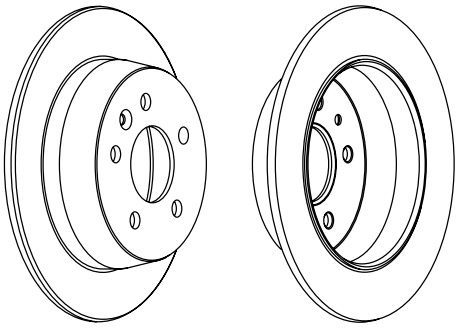
MERCEDES-BENZ V-Class (638/2), Vito (638):

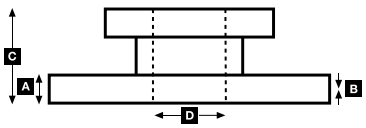


DDF861

∅	A	B	C	D		Kg		ABS
280	10	8	63	67	5			

MERCEDES-BENZ V-Class (638/2), Vito (638):



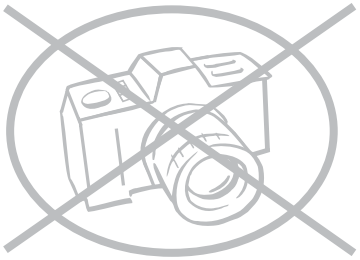


BERAL®

DDF1016

∅	A	B	C	D		Kg		ABS
263	24	22.4	53	96	6			

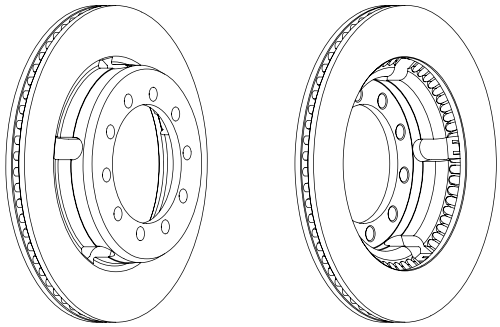
NISSAN Trade



FCR109A

∅	A	B	C	D		Kg		ABS
417	30	27	80	157	10	12.7		

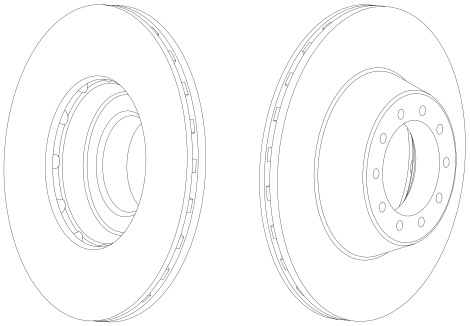
IRISBUS Iveco 370, Iveco 391 E- 393E - 397E



FCR100A

∅	A	B	C	D		Kg		ABS
460	48	40	119	170	10xM16	34		

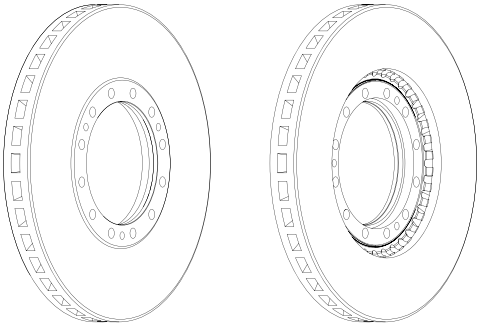
BOVA Futura
DAF MB230, SB2300, SB2305, SB2705, SB3000, SBR3000
MAN Lions Star
NEOPLAN All



FCR123A

∅	A	B	C	D		Kg		ABS
412	42	40	45	160	12	25		

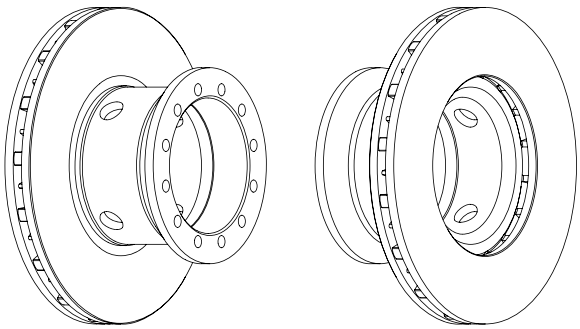
MENARINI All



FCR102A

∅	A	B	C	D		Kg		ABS
312	30	27.5	137	133	12xM12	14.6		

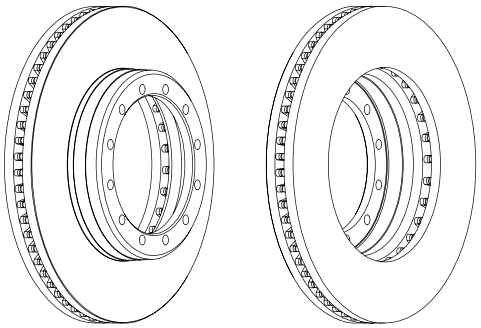
DAF F 1000, F 45 Series, Roadrunner

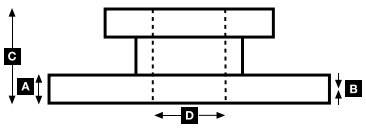


FCR129A

∅	A	B	C	D		Kg		ABS
400	42.3	37	90	175	12x12.5	23.7		

IRISBUS FR1 (5.4M, 5.6M, 6.2M)

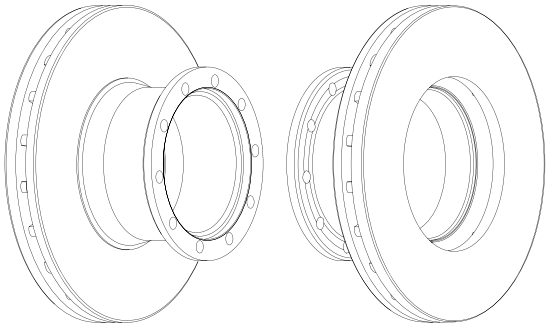




FCR135A

∅	A	B	C	D		Kg		ABS
425	45	38	165.5	215	10xM16	37.2		

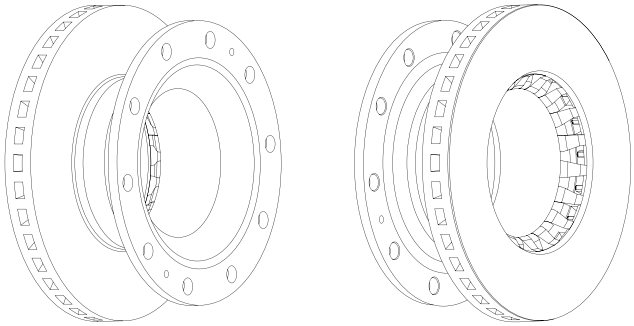
IRISBUS Iveco 471



FCR136A

∅	A	B	C	D		Kg		ABS
425	45	41	170.5	285	10	43.6		

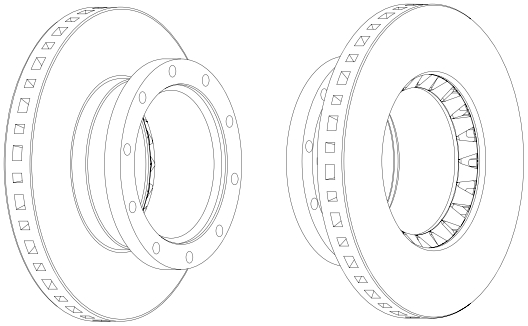
IRISBUS Iveco 480/580, Iveco 490



FCR138A

∅	A	B	C	D		Kg		ABS
425	45	38	159.5	215	10xM16	36.8		

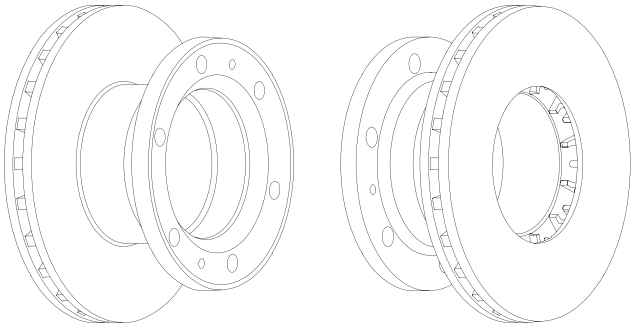
INBUS F140 (Filobus), U210 - S210 - 1330



FCR149A

∅	A	B	C	D		Kg		ABS
315	35	32	153.5	240	6	17.1		

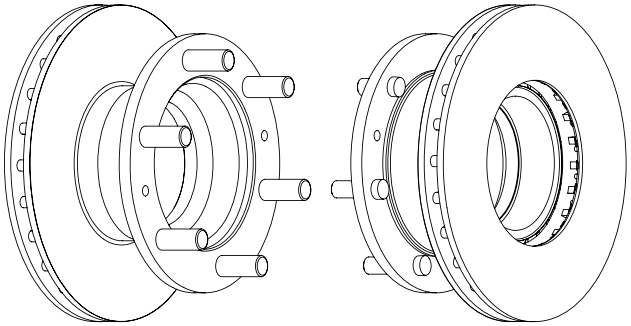
IRISBUS Iveco Magirus



FCR157A

∅	A	B	C	D		Kg		ABS
304	30	27.8	128	165	6x18,15 2xM10	13.9	6 x75mm	

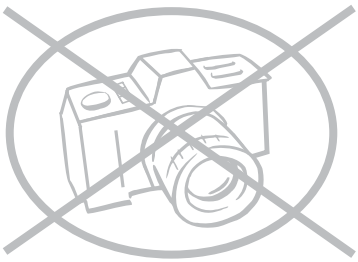
IVECO Eurocargo, Eurocargo Tector

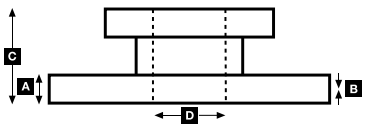


FCR198A

∅	A	B	C	D		Kg		ABS
430	45	37	132	203	10xM14	34.2		

LIAZ All



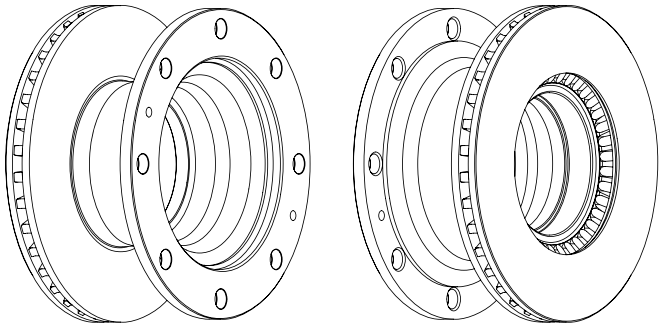


BERAL®

FCR231A

∅	A	B	C	D		Kg		ABS
322	30	27	134	215	8x20,15 2xm10	20.1	86mm	

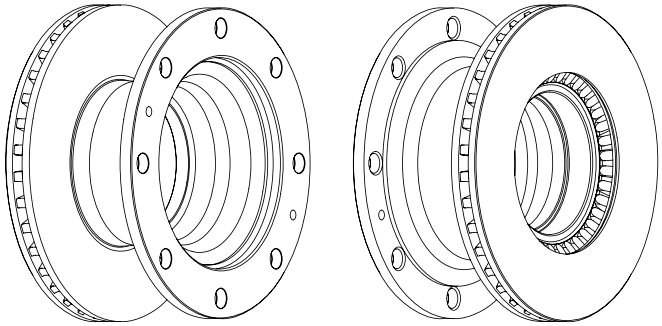
IVECO Eurocargo, Eurocargo Tector



FCR232A

∅	A	B	C	D		Kg		ABS
322	30	27	134	215	8x20,15 2xm10	17.6	79mm	

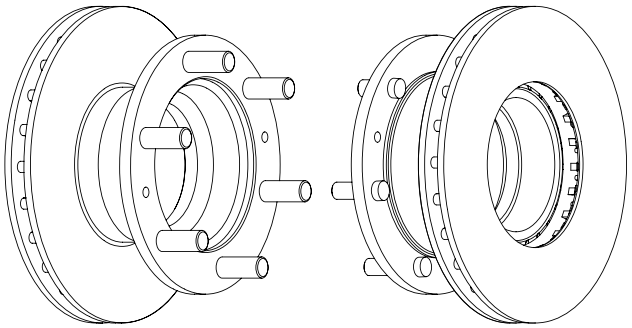
IVECO Eurocargo, Eurocargo Tector



FCR233A

∅	A	B	C	D		Kg		ABS
304	30	27.8	128	165	6x18,15 2xM10	13.9	6 x65mm	

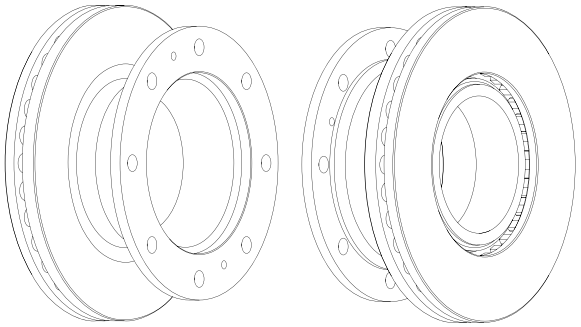
IVECO Eurocargo, Eurocargo Tector



FCR240A

∅	A	B	C	D		Kg		ABS
377	45	37	151	225	8xM20 2xM10	31	M20x1,5 85mm	✓

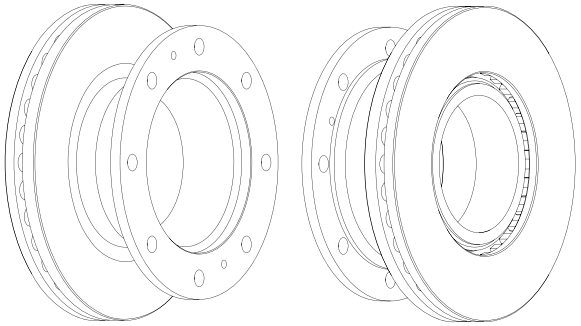
IVECO Eurocargo, Eurocargo Tector



FCR241A

∅	A	B	C	D		Kg		ABS
377	45	37	151	225	8xM22 2xM10	31	M22x1,5 87mm	✓

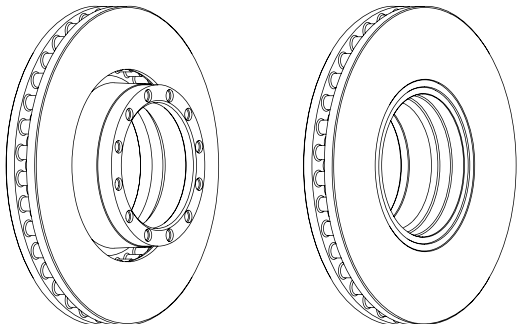
IVECO Eurocargo, Eurocargo Tector

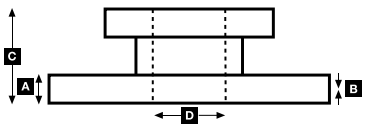


FCR251A

∅	A	B	C	D		Kg		ABS
430	50	46	102	170	12	34.6	M16	

IVECO Eurocargo, Eurostar, Eurotech MH, Eurotech MP, Eurotech MT

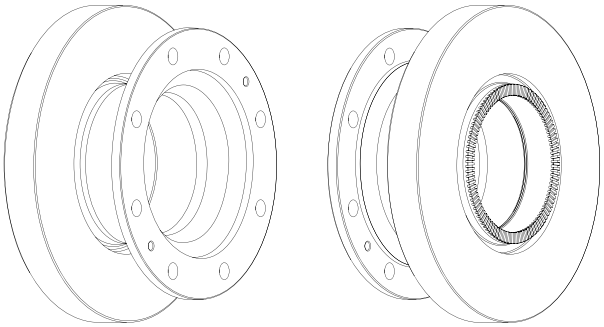




FCR278A

∅	A	B	C	D		Kg		ABS
375	45	37	150	225	8x20 2xM10	37.7		✓

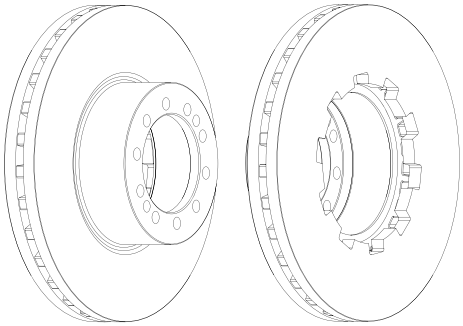
SOR SOR 10.5, SOR 9.5



FCR283A

∅	A	B	C	D		Kg		ABS
377	45	38	112	117	10x15 2M14	24.9		

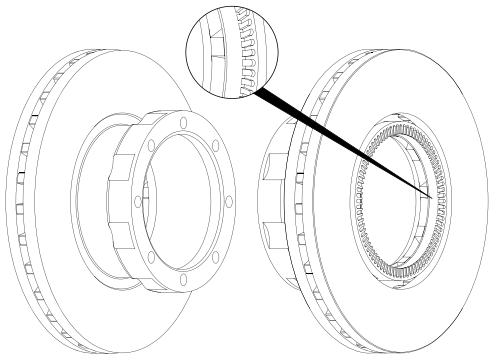
DAF SB200



FCR284A

∅	A	B	C	D		Kg		ABS
377	45	38	138.5	169	8xM14	27.1		✓

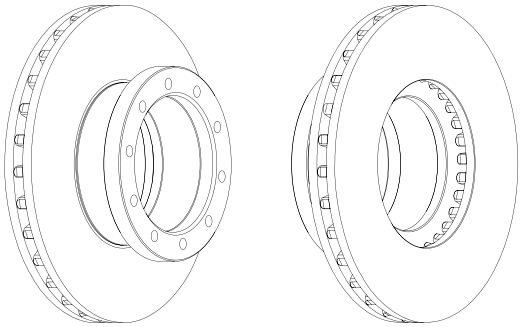
DAF SB200



FCR285A

∅	A	B	C	D		Kg		ABS
440	45	38	135	190	10 x M16	35		

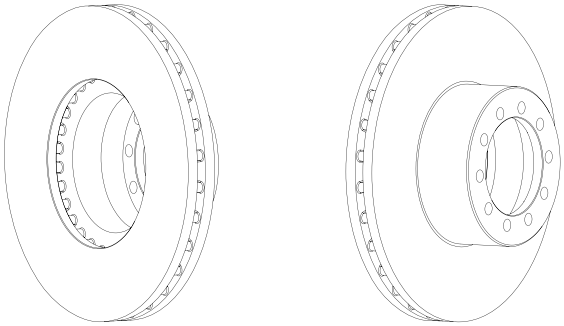
DENNIS Javelin Coach



FCR286A

∅	A	B	C	D		Kg		ABS
438	45	38	130	136	10x17,2	35		

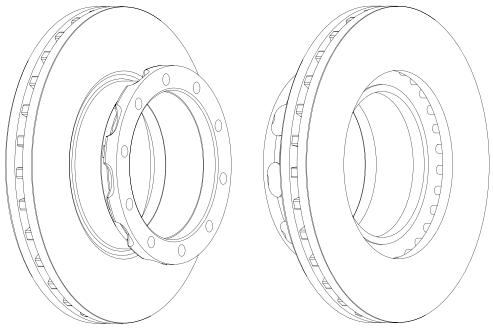
DENNIS Elite

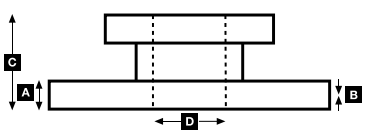


FCR288A

∅	A	B	C	D		Kg		ABS
430	45	37	131	200	10xM16	34.5		

DENNIS R Series, Trident II



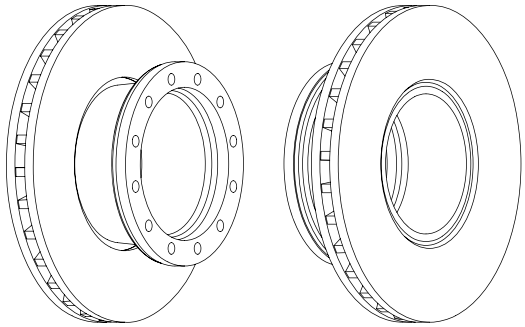


BERAL®

FCR289A

∅	A	B	C	D		Kg		ABS
434	45	37	145.5	210	12xM16	38.3		

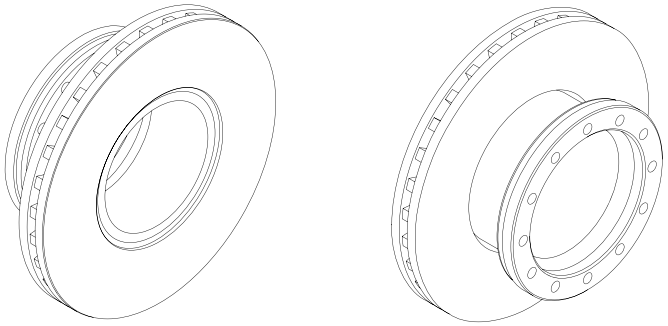
ERF ECS/ECT/ECX



FCR290A

∅	A	B	C	D		Kg		ABS
434	45	38	149	210	12xM16	38		

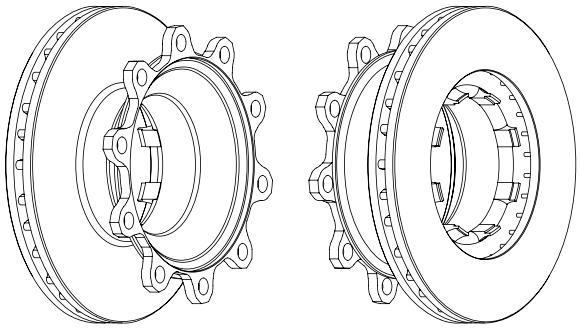
ERF ECS/ECT/ECX



FCR293A

∅	A	B	C	D		Kg		ABS
430	45	38	160	290	10x23	34.5		

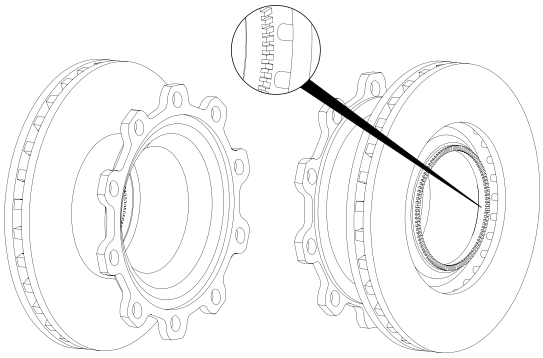
GIGANT GROUP Trenkamp & Gehle



FCR294A

∅	A	B	C	D		Kg		ABS
430	45	38	160	290	10x23	37.4		✓

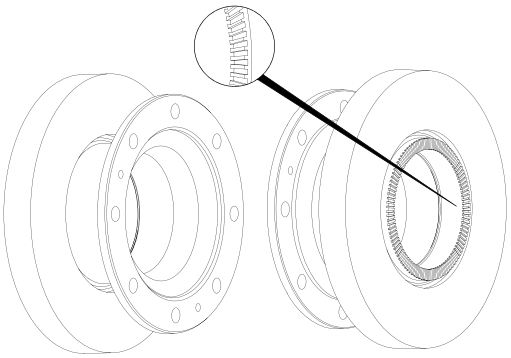
GIGANT GROUP Trenkamp & Gehle



FCR305A

∅	A	B	C	D		Kg		ABS
375	45	38	150	225	8x20 + 2xM10	36.5		✓

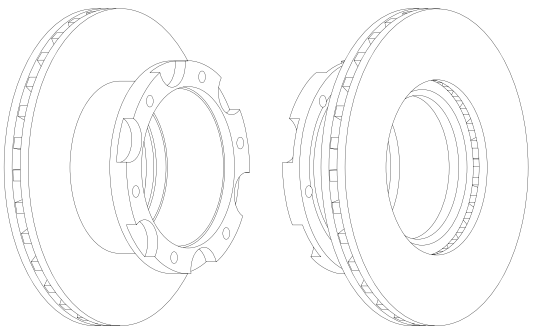
VOLVO FL 6-Series:

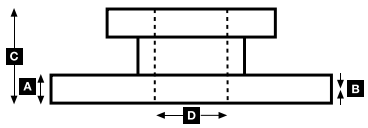


FCR306A

∅	A	B	C	D		Kg		ABS
322	30	28	115	164	6xM12	15		

VOLVO FL 4 Series:

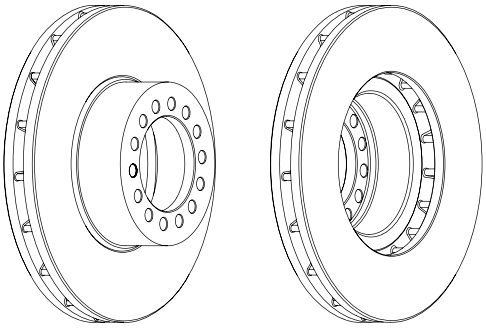




FCR319A

∅	A	B	C	D		Kg		ABS
377	45	37	107	168	14	24.9		

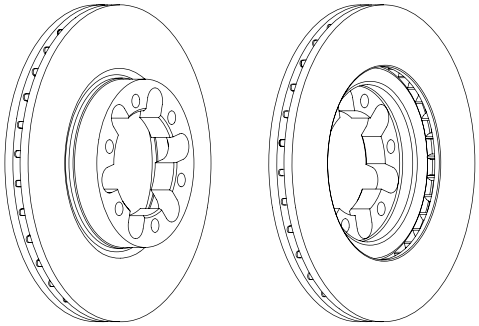
IVECO Eurocargo Tector

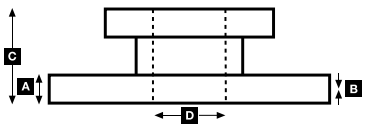


FCR339A

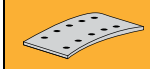
∅	A	B	C	D		Kg		ABS
290	26	23	53	96	6	8.4		

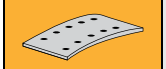
NISSAN Cabstar E

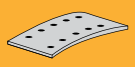


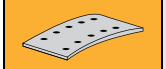


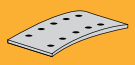
BERAL®

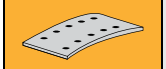
	BFMC	WVA	#	Ø				!		#		
11 019 08,00 60 5	MB/90/1	11 582	2	230	174	34	8,0		93021	42	4x10	MERCEDES-BENZ, PERROT BREMSEN (WABCO)
	MB/91/2	11 019	1	230	207	34	8,0				4x10	
	MB/91/3	11 025	1	230	207	34	8,0				4x10	
11 082 05,00 60 4	GL/11/1	11 082	4	230	230	40	5,0		93020	32	4x8	PEITZ
11 084 05,00 60 4	BC/51/1	11 084	4	250	245	40	5,0		93020	40	4x8	BPW, PEITZ
11 284 05,00 60 4	BW/1/1	11 284	4	250	262	40	5,0		93021	40	4x10	KNOTT, PEITZ, SAF
11 478 05,00 60 4		11 478	4	200	190	40	5,0		93020	40	4x8	BPW
11 556 05,00 60 4		11 556	4	230	224	40	5,0		93020	40	4x8	BPW
13 020 08,00 60 3	MB/88/1	13 532	2	260	201	54	8,0		93021	52	4x10	MERCEDES-BENZ, PERROT BREMSEN (WABCO)
	MB/89/2	13 020	2	260	233	54	8,0				4x10	
15 004 05,00 60 4	BC/52/1	15 004	4	300	290	60	5,0		93021	64	4x10	BPW, PEITZ, SAF, WARSTEINER
15 030 08,00 60 3	MB/80/2	15 742	2	270	211	79	8,0		93038	52	5x10	MERCEDES-BENZ, PERROT BREMSEN (WABCO), STEYR
	MB/81/3	15 030	2	270	244	79	8,0				5x10	
15 031 09,30 60 4		15 031	4	400	418	80	9,3			64	6x18	KNOTT
15 039 08,00 00 3	MB/80/2	15 742	2	270	211	79	8,0		93038	52	5x10	PERROT BREMSEN (WABCO)
		15 039	2	270	244	79	8,0			52	5x10	
15 039 08,00 60 3	MB/80/2	15 742	2	270	211	79	8,0		93038	52	5x10	IVECO
		15 039	2	270	244	79	8,0				5x10	
15 044 06,00 60 4	FD/85/1	15 044	4	350	339	60	6,0		93047	40	6x10	BPW, KNOTT, PEITZ, SAF, WARSTEINER
15 059 09,30 60 3	MB/107/1	15 869	2	300	237	87	9,3		93047	52	6x10	MERCEDES-BENZ
	MB/108/2	15 059	2	300	264	87	9,3				6x10	
15 077 16,00 00 8		15 077	8	300	148	80	.16,0		93251	48	8x15	GFA (Gothaer Achsen), SAF
15 162 11,50 00 4	MB/103/2	15 162	4	304	258	90	.11,5		93057	40	8x12	MERCEDES-BENZ
15 162 13,50 00 4	MB/116/2	15 162	4	308	258	90	.13,5		93057	40	8x12	MERCEDES-BENZ
15 207 08,00 60 4*	FI/79/2	15 207	4	420	406	90	8,0	* use/verwenden K15207.0-F3656	93059	64	8x18	ADIGE, BATTAGLINO, IVECO
15 207 08,00 60 4*	FI/79/2	15 207	4	420	406	90	8,0	* use/verwenden K15207.0-F3656	93252	64	8x18	CARDI, CARENZI, FRANCHIN, PERLINI, ROLFO, VIBERTI, ZORZI
15 247 08,00 60 4	FD/86/1	15 247	4	400	388	80	8,0		93251	40	8x15	BPW, KÄSSBOHRER
15 349 09,00 60 3	MB/69/1	15 350	2	300	288	70	9,0		93049	52	6x15	MERCEDES-BENZ
	MB/70/1	15 349	2	300	245	70	9,0				6x15	
15 494 12,00 60 4	FI/95/1	15 494	4	420	397	90	12,0		93060	64	8x20	ADIGE, IVECO, PIACENZA
15 580 12,00 60 3	MB/94/1	15 580	2	304	244	98	12,0		93047	52	6x10	MERCEDES-BENZ
	MB/95/1	15 581	2	304	286	98	12,0				6x10	
15 732 07,00 60 3	FI/100/1	15 733	2	325	256	80	7,0		93048	56	6x12	IVECO, PERROT BREMSEN (WABCO)
	FI/101/1	15 732	2	325	298	80	7,0				6x12	
15 751 12,40 60 8		15 751	8	400	195	80	.12,4		93251	48	8x15	SAF
15 775 07,00 60 4	VN/19/1	15 775	4	270	212	65	7,0		93021	40	4x10	VOLKSWAGEN
15 799 11,50 66 8	SE/1/1	15 799	8	305	141	80	11,5		93049	48	6x15	GIGANT GROUP
15 817 12,10 60 3	MP/37/1	15 817	2	325	301	97	12,1		93060	44	8x20	AVIA - DAEWOO (Czech), DAF, MAN, PERROT BREMSEN (WABCO)
	MP/38/1	15 823	2	325	251	97	12,1				8x20	
15 826 08,00 60 8		15 826	8	310	152	80	8,0		93049	64	6x15	PEITZ
15 879 16,50 60 8	GG/209/1	15 879	8	325	140	97	.16,5		93058	48	8x15	MAN, STEYR
17 012 21,55 60 6	DF/40/1	17 013	4	419	209	127	.21,55		93686	80	L11	DAF
	DF/41/1	17 012	4	419	220	127	.21,55				L11	
17 016 08,00 00 8		17 377	8	400	192.7	120	8		93251	64	8x15	BPW
17 016 11,00 00 8		17 016	8	400	192.7	120	11		93251	64	8x15	A.D.R. , GKN FAD Axles
17 017 16,00 60 8	GG/217/1	17 017	8	360	173	143	.16,0		93058	64	8x15	CAETANO PSV, MAN, OPTARE, RENAULT TRUCKS
17 092 10,00 60 3	SY/8/1	17 092	2	405	430	120	10,0		93060	56	8x20	STEYR
	SY/9/1	17 093	2	405	324	120	10,0				8x20	
17 115 10,00 60 8	BC/39/1	17 115	8	400	190	120	10,0		93252	64	8x18	BPW, SAF
17 161 19,00 00 8	SV/26/1	17 161	8	413	193	127	19,0		93687	64	L12	SCANIA
17 183 10,00 60 8	BC/53/1	17 183	8	300	142	120	10,0		93252	64	8x18	BPW, KNOTT, WARSTEINER
17 217 11,70 60 4	GG/194/1	17 217	4	330	295	125	11,7		93684	48	L9	DAF, FORD, IRISBUS, MCW, RENAULT TRUCKS
17 237 17,80 00 8	PB/15/1	17 237	8	500	253	120	.17,8	Old version 8 holes	93067	64	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
17 238 17,00 00 8	MP/30/2	17 238	8	410	175	143	.17,0		93058	64	8x15	MAN, MERCEDES-BENZ, RENAULT TRUCKS
17 248 12,00 60 4	BC/32/2	17 248	4	400	321	140	12,0		93060	48	8x20	PERROT BREMSEN (WABCO)
17 251 12,50 60 4	SY/16/1	17 251	4	405	370	120	12,5		93060	56	8x20	STEYR
17 252 11,50 60 3	SY/17/1	17 253	2	405	423	140	11,5		93060	56	8x20	STEYR
	SY/18/1	17 252	2	405	321	140	11,5				8x20	
17 263 18,30 60 6	DF/22/3	17 263	4	419	209	127	.18,3		93685	80	L10	DAF, NEOPLAN
	DF/23/3	17 264	4	419	216	127	.18,8				L10	

	BFMC	WVA	#	Ø				!		#		
17 269 12,00 60 3	BC/32/1	17 269	2	400	320	140	12,0		93251	56	8x15	PERROT BREMSEN (WABCO), TAM
	BC/33/1	17 336	4	400	320	140	12,0				8x15	
17 278 11,50 00 4	MB/96/2	17 278	4	304	258	105	.11,5		93057	40	8x12	MERCEDES-BENZ
17 278 13,50 00 4	MB/109/2	17 278	4	308	259	105	.13,5		93057	40	8x12	MERCEDES-BENZ
17 280 11,50 00 4	MB/97/2	17 280	4	304	258	120	.11,5		93057	40	8x12	MERCEDES-BENZ
17 280 13,50 00 4	MB/110/2	17 280	4	308	259	120	.13,5		93057	40	8x12	MERCEDES-BENZ
17 285 10,00 60 8	BC/2/1	17 285	8	440	190	140	10,0		93059	64	8x18	MERCEDES-BENZ
17 286 10,00 60 8	BC/1/1	17 286	8	440	190	100	10,0		93059	64	8x18	NEOPLAN
17 287 11,50 00 4	MB/102/2	17 287	4	304	258	135	.11,5		93057	40	8x12	MERCEDES-BENZ
17 287 13,50 00 4	MB/115/2	17 287	4	308	257	135	.13,5		93057	40	8x12	MERCEDES-BENZ
17 290 13,40 00 6	MB/98/2	17 290	4	360	172	130	.13,4		93058	56	8x15	MERCEDES-BENZ, SOR
	MB/99/2	17 950	4	360	130	130	.13,5				8x15	
17 290 15,40 00 6	MB/111/2	17 290	4	364	172	130	.15,40		93058	56	8x15	MERCEDES-BENZ
	MB/112/1	17 950	4	364	131	130	.15,5				8x15	
17 297 15,00 60 8	MB/67/1	17 297	8	418	213	100	15,0		93058	64	8x15	NEOPLAN
17 298 15,00 60 8	MB/68/1	17 298	8	418	213	120	15,0		93058	64	8x15	NEOPLAN
17 313 12,90 60 3	PB/23/1	17 313	2	310	236	100	12,9		93048	52	6x12	IVECO, PERROT BREMSEN (WABCO)
	PB/26/1	17 318	2	310	280	100	12,9				6x12	
17 316 12,70 60 4*	GG/153/1	17 316	4	394	321	127	12,7	* use/verwenden K17316.0-F3658	93683	48	L8	DAF, FORD, RENAULT TRUCKS
17 340 10,00 60 4	BC/77/1	17 340	4	400	329	140	10,0		93058	48	8x15	SAURER, TAM
17 340 14,00 86 4	BC/77/1	17 340	4	408	329	140	14,0		93067	48	10x18	SAURER
17 347 17,00 00 8		17 347	8	300	145	100	17,0		93251	64	8x15	GIGANT GROUP
17 347 18,00 00 8		17 347	4	300	145	100	.18,0		93251	64	8x15	BPW, GFA (Gothaer Achsen)
17 350 09,30 60 3	MB/100/1	17 973	2	300	237	102	9,3		93048	52	6x12	MERCEDES-BENZ
	MB/101/2	17 350	2	300	264	102	9,3				6x12	
17 351 09,30 60 3	MB/117/1	17 975	2	300	237	122	9,3		93048	52	6x12	MERCEDES-BENZ, OPTARE
	MB/118/2	17 351	2	300	264	122	9,3				6x12	
17 357 14,80 00 6	GG/233/1	17 357	4	360	174	140	.14,8		93683	112	L8	VOLVO
	GG/234/1	17 358	4	360	174	140	.9,7				L8	
17 362 14,50 60 8	YK/13/1	17 362	8	335	156	150	14,5		93684	64	L9	YORK TRAILERS
17 374 17,80 00 8		17 374	8	500	253	120	.17,8	New version 10 holes	93067	80	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
17 377 18,00 00 8	BC/78/1	17 377	8	420	204	120	.18,0		93251	80	8x15	BPW, GFA (Gothaer Achsen), KÄSSBOHRER, STEYR, WARSTEINER
17 399 18,00 00 8		17 399	8	420	204	120	.18,0		93251	64	8x15	SAF
17 408 08,00 60 3*	FI/102/1	17 793	2	325	296	100	8,0	* use/verwenden K17408.0-F3653	93048	52	6x12	IVECO, PERROT BREMSEN (WABCO)
	FI/104/1	17 408	2	325	296	100	8,0				6x12	
17 409 12,00 60 4	MB/93/1	17 409	4	304	248	135	12,0		93058	40	8x15	MERCEDES-BENZ
17 456 18,00 00 8	BC/109/1	17 456	8	420	201	140	.18,0		93059	64	8x18	AUSTERAS, BPW, CARDI, STEYR
17 481 12,00 60 4	FI/86/1	17 481	4	420	421	125	12,0		93058	64	8x15	IVECO, VAN HOOL
17 482 12,00 60 4	FI/94/1	17 482	4	420	397	125	12,0		93058	96	8x15	IVECO
17 555 09,50 60 4	GG/144/1	17 555	4	330	299	101	9,5			48	L7	DAF, FORD, RENAULT TRUCKS
17 635 12,00 60 3	SY/20/2	17 635	2	325	249	120	12,0		93048	52	6x12	IVECO, PERROT BREMSEN (WABCO), YUGO
	SY/26/1	17 636	2	325	288	120	12,0				6x12	
17 660 12,00 60 4	FI/141/1	17 660	4	320	310	140	12,0		93060	40	8x20	ADIGE
17 662 09,50 60 3	GG/163/1	17 662	2	330	300	127	9,5		93684	52	L9	DAF, FORD, RENAULT TRUCKS
	GG/164/1	17 663	2	330	343	127	9,5				L9	
17 664 19,00 60 6*	VL/70/1	17 665	4	413	159	127	.19,0	* use/verwenden J1296928	93687	72	L12	IRISBUS, VOLVO
	VL/71/1	17 664	4	413	197	127	.19,0				L12	
17 682 17,00 60 8	MP/29/1	17 682	8	410	175	123	.17,0		93059	64	8x18	MAN, MERCEDES-BENZ
17 742 16,00 00 6	PB/9/1	17 742	4	410	207	140	.16,0		93068	64	10x20	PERROT BREMSEN (WABCO), SETRA
	PB/10/1	17 743	4	410	210	140	.16,0				10x20	
17 746 18,00 60 8	IK/2/1	17 746	8	420	184	140	18,0		93059	48	8x18	IKARUS
17 747 12,50 60 3	BT/56/1	17 748	2	414	284	125	12,5		93049	96	6x15	IRISBUS, RENAULT TRUCKS
	BT/57/1	17 747	2	414	345	125	12,5				6x15	
17 758 08,10 00 4	FI/138/1	17 758	4	325	255	120	8,1		93048	48	6x12	PERROT BREMSEN (WABCO)
17 761 11,50 00 8*	SE/5/1	17 761	8	405	180	125	11,5	* use/verwenden J1233928	93049	48	6x15	GIGANT GROUP
17 795 18,00 00 6	MB/82/1	17 796	4	410	216	143	.18,0		93059	72	8x18	MERCEDES-BENZ
	MB/83/1	17 795	4	410	172	143	.18,0				8x18	
17 797 18,80 60 8	FI/139/1	17 797	8	420	204	110	.18,8		93060	80	8x20	ADIGE, CALABRESE

	BFMC	WVA	#	Ø				!		#		
17 804 12,70 60 4	DO/80/1	17 804	4	394	354	127	12,7	* use/verwenden J1287928		64	K8	RENAULT TRUCKS
17 804 12,70 60 4*	DO/80/1	17 804	4	394	354	127	12,7	* use/verwenden J1287928		64	K8	RENAULT TRUCKS
17 807 18,30 00 8	BC/122/1	17 807	8	420	204	124	.18,3		93252	80	8x18	BPW
17 827 12,50 60 3*	SA/28/1	17 827	2	325	251	120	12,5	*use/verwenden J1227928		60	5x12	DAF, IVECO, RENAULT TRUCKS, VOLVO
	SA/29/1	17 828	2	325	210	120	12,5				5x12	
17 829 10,00 60 3*	BT/76/1	17 829	2	310	245	100	10,0	* use/verwenden J1228928	93038	56	5x10	DAF, RENAULT TRUCKS, VOLVO
	SA/25/1	17 830	2	310	209	100	10,0				5x10	
17 831 10,00 60 3*	SA/26/1	17 832	2	310	245	125	10,0	* use/verwenden J1229928	93038	64	5x10	DAF, RENAULT TRUCKS, VOLVO
	SA/27/1	17 831	2	310	209	125	10,0				5x10	
17 847 12,50 60 4		17 847	4	405	370	240	12,5		93060	56	8x20	STEYR
17 869 12,50 60 8	FI/105/1	17 869	8	420	197	140	12,5		93060	64	8x20	IVECO
17 885 12,50 00 8	FI/113/1	17 885	8	420	211	135	12,5		93060	64	8x20	IRISBUS, IVECO
17 895 12,00 60 4	FI/137/1	17 895	4	420	401	140	12,0		93060	64	8x20	ADIGE, CARENZI
17 897 15,80 00 6	LZ/7/1	17 897	4	305	151	125	.15,8		93252	48	8x18	GIGANT GROUP, LOHR
	LZ/8/1	17 898	4	305	143	125	.15,9				8x18	
17 900 12,10 60 3	MP/39/1	17 900	2	325	301	147	12,1		93057	44	8x12	DAF, MAN, NEOPLAN, PERROT BREMSEN (WABCO)
	MP/40/1	17 901	2	325	251	147	12,1				8x12	
17 905 17,00 00 6	BA/2/1	17 905	4	430	207	140	0.17		93060	64	8x20	BARTOLETTI
	BA/3/1	17 906	4	430	207	140	.17,75				8x20	
17 924 12,50 60 3	FI/120/1	17 924	2	325	249	100	12,5		93048	52	6x12	IVECO, PERROT BREMSEN (WABCO)
	FI/121/1	17 925	2	325	288	100	12,5				6x12	
17 932 10,00 60 3	GG/186/1	17 933	2	330	295	127	.8,5			52	L7	DAF, FORD, MCW
	GG/187/1	17 932	2	330	340	127	.10,0				L7	
17 988 16,20 60 8	GG/210/1	17 988	8	325	140	150	.16,2		93058	64	8x15	MAN, STEYR
17 991 19,00 00 4	SV/39/2	17 991	4	413	235	127	19,0		93280	32	6,65x18	SCANIA
17 992 18,30 60 8	VL/85/1	17 992	8	410	176	125	.18,3	(L8=5mm Platform, L10=8mm Platform)	93683 / 93685	64	L8/L10	VOLVO
19 010 20,60 60 6	DF/44/1	19 011	4	420	177	150	.20,6		93686	64	L11	DAF, OPTARE
	DF/45/1	19 010	4	420	176	150	.20,8				L11	
19 019 14,00 60 4	BC/61/1	19 019	4	420	391	180	14,0		93074	56	10x17	PERROT BREMSEN (WABCO), SETRA
19 024 20,60 60 6	DF/42/1	19 024	4	419	209	152	.20,6		93686	80	L11	DAF
	DF/43/1	19 031	4	419	220	152	.20,8				L11	
19 030 22,00 60 6	RW/34/1	19 030	4	419	189	177	.22,0		93684	96	L9	MERITOR
	RW/35/1	19 033	4	419	195	177	.21,4				L9	
19 032 17,50 00 8		19 032	8	420	203	180	.17,5		93251	80	8x15	STEYR
19 032 17,80 00 8	BC/98/1	19 032	8	420	205	180	.17,8		93251	80	8x15	ACERBI, AUSTERAS, BATTAGLINO, BENALU, BPW, CARDI, CODER, CRANE FRUEHAUF, FRANCHIN, FRUEHAUF/BENALU, GFA (Gothaer Achsen), GORICA, KAISER, KÄSSBOHRER, LECITRAILER, MERCEDES-BENZ, PIACENZA, PRIM-BALL, RENAULT TRUCKS, ROLFO, SAF, WARSTEINER, ZORZI
19 036 18,60 00 6	DF/24/1	19 037	4	419	192	178	.18,0	Rivet 5mm / Cylindrical drilling	93275	96	5x15	BAJ et FOND, CASTERA, CRANE FRUEHAUF, FRUEHAUF/BENALU, GIGANT GROUP, KAISER, TRAILOR, YORK TRAILERS
	DF/25/1	19 036	4	419	189	178	.18,6				5x15	
19 036 18,60 80 6		19 036	4	419	189	178	.18,6	Rivet 8mm	93252	96	8x18	FRUEHAUF/BENALU, SAF
		19 037	4	419	194	178	.18,0				8x18	
19 036 18,60 90 6	IL/66/5	19 036	4	419	188	178	.18,6	Rivet 6,35mm	93685	96	L10	BAJ et FOND, BENALU, BROCKHOUSE, CALABRESE, CARRIMORE, CRANE FRUEHAUF, DYSON, FOX, FROMANT, FROMCO, FRUEHAUF/BENALU, HANDS, HIGHWAY, KAISER, MERITOR, MERRIWORTH, MULTIWHEEL, NORTHERN, PEAK, PITT, PRIMROSE, SAMRO, SCAMMELL, STEYR, TITAN, YORK TRAILERS
	IL/67/5	19 037	4	419	194	178	.18,0				L10	
19 041 17,80 00 8		19 041	8	500	253	180	.17,8		93059			KESSLER, KNOTT, PERROT BREMSEN (WABCO)
19 042 17,80 00 8	BC/86/1	19 042	8	500	253	160	.17,8		93059			KESSLER, KNOTT, PERROT BREMSEN (WABCO)

	BFMC	WVA	#	Ø				!		#		
19 049 12,50 60 3*	SA/10/1	19 049	2	414	347	150	12,5	* use/verwenden J1296928	93049	96	6x15	CAZENAVE, COLAERT, CRANE FRUEHAUF, FRUEHAUF/BENALU, IRISBUS, MADURAUD, RENAULT TRUCKS, TITAN
	SA/11/1	19 199	2	414	286	150	12,5				6x15	
19 052 20,60 60 6	DF/46/1	19 052	4	420	177	175	.20,6		93686	96	L11	DAF
	DF/47/1	19 055	4	420	176	175	.20,8				L11	
19 063 20,60 60 6	DF/48/1	19 063	4	420	177	200	.20,6		93685	128	L10	BOVA, DAF
	DF/49/1	19 064	4	420	176	200	.20,8				L10	
19 068 18,30 00 8	VL/89/2	19 068	8	410	176	225	.18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683 / 93685	96 / 104	L8/L10	DENNIS, IRISBUS, VOLVO
19 071 18,30 00 8	VL/88/2	19 071	8	410	176	200	.18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683 / 93685	96 / 104	L8/L10	AWD, BEDFORD, CAETANO PSV, DENNIS, ERF, IRISBUS, KAROSA, SEDDON ATKINSON, SISU, STEYR, VOLVO
19 072 12,70 60 4	GG/83/1	19 072	4	394	360	152	12,7		93684	48	L9	AEC, BEDFORD, BRISTOL, BROCKHOUSE, CARRIMORE, CRANE FRUEHAUF, DAF, DENNIS, DYSON, ERF, FORD, GUY, HANDS, HIGHWAY, IVECO, PITT, RENAULT TRUCKS, SCAMMELL, SEDDON ATKINSON, YORK TRAILERS
19 075 19,00 00 8	SV/8/1	19 075	8	413	193	178	19,0		93687	96	L12	SCANIA
19 084 17,50 00 5		19 084	2	410	192	180	.17,5		93067	64	10x18	PERROT BREMSEN (WABCO), SETRA, VAN HOOL
	PB/29/1	19 855	2	410	196	180	.17,5				10x18	
	PB/30/1	19 856	4	410	192	180	.17,4				10x18	
19 090 18,30 00 8	VL/87/2	19 090	8	410	176	175	.18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	93683 / 93685	96 / 104	L8/L10	AWD, BEDFORD, CAETANO PSV, DENNIS, ERF, VOLVO
19 091 21,50 00 5	PB/42/2	19 098	6	410	204	202	.21,5		93060	96	8x20	IVECO
	PB/42/1	19 091	2	410	204	202	.21,5				8x20	
19 094 17,50 00 8		19 094	8	420	203	200	.17,5		93251	80	8x15	STEYR
19 094 17,80 00 8	BC/97/1	19 094	8	420	202	200	.17,8		93251	80	8x15	ACERBI, BATTAGLINO, BENALU, BERTOJA, BPW, CARDI, CRANE FRUEHAUF, DAF, FRUEHAUF/ BENALU, GIGANT GROUP, KAISER, KÄSSBOHRER, LAG, LECITRAILER, PIACENZA, PRIM-BALL, RENAULT TRUCKS, ROLFO, SAF, VAN HOOL, VIBERTI, ZORZI
19 099 21,50 00 5	PB/41/1	19 100	6	410	204	180	.21,5		93060	96	8x20	IVECO, PERROT BREMSEN (WABCO)
	PB/41/2	19 099	2	410	204	180	.21,5				8x20	
19 102 10,00 60 8	BC/54/1	19 102	8	300	141	150	10,0		93251	64	8x15	BPW, PEITZ, SAF, WARSTEINER
19 103 10,00 60 8	BC/55/1	19 103	8	300	142	200	10,0		93251	64	8x15	BPW, GIGANT GROUP, KÄSSBOHRER, SAF, TRAILOR, WARSTEINER
19 109 21,70 00 6		19 109	4	410	195.5	180	21.7		93058	96	8x16	IVECO
		19 110	4	410	195.5	180	21.7				8x16	
19 113 18,20 00 8	AD/44/1	19 113	8	410	178	180	.18,2	New version 10 holes	93067	80	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
19 114 19,40 00 6*	PB/38/1	19 114	4	410	196	220	.19,4	* use/verwenden B2740167	93067	96	10x18	PERROT BREMSEN (WABCO), VAN HOOL
	PB/39/1	19 115	4	410	196	220	.19,4				10x18	
19 116 21,70 00 6		19 116	4	410	195.5	200	21.7		93058	96	8x16	IVECO
		19 119	4	410	195.5	200	21.7				8x16	
19 125 19,70 60 8	MB/61/1	19 125	8	370	156	160	19,7		93059	64	8x18	MERCEDES-BENZ, NEOPLAN
19 134 14,00 60 5	SY/19/1	19 134	4	420	214	160	14,0		93067	32	10x18	PERROT BREMSEN (WABCO), STEYR
		19 298	2	420	334	160	14,0				10x18	
19 144 19,80 00 6	SV/43/1	19 144	4	410	211	150	19,8/18		93282			SISU
	SV/44/1	19 145	4	410	211	150	18,9/12,2					
19 146 19,80 00 6	SV/45/1	19 146	4	410	211	180	19,8/18		93282			SISU
	SV/46/1	19 147	4	410	211	180	18,9/12,2					
19 150 18,30 60 6	DF/20/3	19 150	4	419	209	152	.18,3		93685	80	L10	BOVA, DAF, IRISBUS, LAG, OPTARE, SISU, TAM, TRAILOR
	DF/21/3	19 151	4	419	216	152	.18,8				L10	
19 160 15,00 00 8	MB/51/1	19 160	8	440	186	170	15,0		93059	64	8x18	MERCEDES-BENZ
19 166 19,80 00 6	BC/90/1	19 166	4	400	215	200	19,8		93252	80	8x18	KÄSSBOHRER
	BC/91/1	19 167	4	400	215	200	19,4				8x18	
19 168 19,40 00 6	BC/92/1	19 168	4	400	214	150	.19,4		93252	80	8x18	KÄSSBOHRER, LOHR
	BC/93/1	19 169	4	400	215	150	.19,8				8x18	
19 177 16,00 60 8	GG/218/1	19 177	8	360	173	160	.16,0		93058	96	8x15	CAETANO PSV, MAN, OPTARE

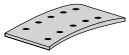
	BFMC	WVA	#	Ø				!		#		
19 187 18,50 60 8	RN/104/1	19 187	8	414	187	220	18,5		93059	64	8x18	IRISBUS, KAROSA, RENAULT TRUCKS
19 200 17,80 00 8	BC/35/1	19 200	8	420	204	160	.17,8		93251	80	8x15	BPW, CARDI, CRANE FRUEHAUF, FRUEHAUF/ BENALU, GIGANT GROUP, SAF, WARSTEINER
19 217 19,80 00 6	SV/47/1	19 217	4	410	211	210	19,8/18		93282			SISU
	SV/48/1	19 218	4	410	211	210	18,9/12,2					
19 225 14,00 60 4	FI/124/2	19 225	4	360	318	170	14,0		93059	72	8x18	DENNIS, IVECO, NEOPLAN, PERROT BREMSEN (WABCO)
19 237 19,40 00 6		19 237	4	410	196	160	.19,4		93067	32	10x18	PERROT BREMSEN (WABCO)
		19 238	4	410	196	160	.19,3				10x18	
19 245 15,00 60 6	SY/23/1	19 245	4	420	186	160	15,0		93067	56	10x18	STEYR
	SY/31/1	19 782	4	420	136	160	15,0				10x18	
19 245 15,00 60 8	SY/23/1	19 245	8	420	186	160	15,0		93067	64	10x18	JELCZ, STEYR
19 246 15,00 00 8	SY/24/1	19 246	8	420	186	185	15,0		93067	64	10x18	STEYR
19 255 17,50 60 3	RN/102/1	19 255	2	360	256	170	.17,5		93234	80	8x18	MAN, RENAULT TRUCKS
	RN/103/1	19 259	2	360	349	170	.17,5				8x18	
19 256 18,30 60 6	DF/16/2	19 256	4	419	208	178	.18,3		93685	112	L10	BOVA, DAF, IRISBUS, NEOPLAN, TAM
	DF/17/2	19 260	4	419	216	178	.18,8				L10	
19 262 19,80 60 5	PB/25/1	19 262	6	410	201	180	.19,8		93060	112	8x20	IVECO, PERROT BREMSEN (WABCO), TATRA
	PB/25/2	19 342	2	410	201	180	.19,8				8x20	
19 263 19,80 60 5	PB/24/2	19 343	2	410	201	200	.19,8		93060	112	8x20	IRISBUS, IVECO, PERROT BREMSEN (WABCO), TATRA
	PB/24/1	19 263	6	410	201	200	.19,8				8x20	
19 269 09,30 60 3*	GG/207/1	19 272	2	360	353	170	.12,8	* use/verwenden B2345927	93683	84	L8	VOLVO
	GG/208/1	19 269	2	360	270	170	9,3				L8	
19 283 20,60 00 6	SJ/28/1	19 283	4	420	177	178	.20,6		93251	64	8x15	GIGANT GROUP, KAISER, SAF
	SJ/29/1	19 284	4	420	183	178	.20,0				8x15	
19 306 16,50 60 8	GG/216/1	19 306	8	360	173	170	.16,5		93683	96	L8	AWD, BEDFORD, DAF, SEDDON ATKINSON
19 365 18,70 80 6	RW/1/3	19 366	4	419	189	203	.19,3		93252	96	8x18	TRAILOR
	RW/2/3	19 365	4	419	192	203	.18,7				8x18	
19 365 18,70 90 6	RW/1/3	19 366	4	419	189	203	.19,3	Conical drilling / Rivet 6,35mm	93685	96	L10	BAJ et FOND, BENALU, CRANE FRUEHAUF, FODEN, FOX, FRUEHAUF/BENALU, GIGANT GROUP, KAISER, MERITOR, MERRIWORTH, SAF, SAMRO, SCAMMELL
	RW/2/3	19 365	4	419	192	203	.18,7				L10	
19 369 18,70 80 6	FU/4/4	19 369	4	419	189	218	.18,7	Rivet 6,35mm	93685	96	L10	BATTAGLINO, BENALU, BROCKHOUSE, CARRIMORE, CASTERA, CODER, DORSEY, DYSON, FOX, FROMANT, FROMCO, FRUEHAUF/BENALU, HANDS, HIGHWAY, HOYNOR, LAG, MERITOR, MOSELEY, MURFITT, NORTHERN, PEAK, PITT, SAMRO, SCAMMELL, YORK TRAILERS
	FU/5/4	19 370	4	419	192	218	.19,3			96	L10	
19 369 18,70 90 6		19 369	4	419	194	219	.18,7	Rivet 8mm	93252	96	8x18	MERITOR
		19 370	4	419	189	219	.19,3				8x18	
19 384 18,15 60 5	CW/4/1	19 384	6	381	188	178	.18,15		93684	96	L9	CRANE FRUEHAUF, FODEN, FORD, FRUEHAUF/ BENALU, IRISBUS, IVECO, MERITOR, ROCKWELL, SEDDON ATKINSON, VAN HOOL, VOLVO
	CW/4/2	19 385	2	381	188	178	.18,15				L9	
19 393 19,00 00 8	SV/27/1	19 393	8	413	193	203	19,0		93687	96	L12	SCANIA, SISU
19 396 13,00 00 8	BC/110/1	19 396	8	300	141	150	.13,0		93251	64	8x15	BPW
19 397 13,00 00 8	BC/111/1	19 397	8	300	141	200	.13,0		93251	64	8x15	BPW
19 405 11,50 60 8	SE/4/1	19 405	8	305	141	200	11,5		93049	48	6x15	GIGANT GROUP, KAISER
19 463 13,50 60 4	BT/59/6	19 463	4	414	374	175	13,5		93059	72	8x18	AUTOSAN, IRISBUS, RENAULT TRUCKS
19 466 19,40 60 8	MB/58/3	19 466	8	370	156	220	19,4		93059	80	8x18	MERCEDES-BENZ, NEOPLAN
19 467 19,00 60 6	VL/73/2	19 467	4	394	191	177	.19,0		93687	84	L12	VOLVO
	VL/72/1	19 468	4	394	146	177	.19,0				L12	
19 477 20,60 00 6	SJ/30/1	19 477	4	420	188	203	.20,6		93251	64	8x15	GIGANT GROUP, KAISER, SAF
	SJ/31/1	19 478	4	420	192	203	.20,0				8x15	
19 479 20,60 00 6	SJ/32/1	19 479	4	367	169	180	.20,6		93252	64	8x18	SAF
	SJ/33/1	19 480	4	367	167	180	.20,0				8x18	
19 490 20,60 00 6	SJ/34/1	19 490	4	367	169	200	.20,6		93251	64	8x15	SAF
	SJ/35/1	19 491	4	367	167	200	.20,0				8x15	
19 492 19,20 60 8	RW/24/1	19 492	8	381	180	180	.19,2		93684	96	L9	VOLVO
19 494 17,00 00 8	MP/31/2	19 494	8	410	175	163	.17,0		93059	64	8x18	MERCEDES-BENZ, OPTARE, RENAULT TRUCKS, VAN HOOL
19 495 17,00 00 8	MP/32/2	19 495	8	410	177	183	.17,0		93059	64	8x18	MAN, MCW, MERCEDES-BENZ, RENAULT TRUCKS, STEYR, VAN HOOL
19 496 17,00 00 8	MP/36/2	19 496	8	410	177	223	.17,0		93059	64	8x18	MAN, MCW, MERCEDES-BENZ, STEYR
19 503 16,00 60 4	PB/22/1	19 503	4	360	316	170	16,0		93058	72	8x15	DAF, DENNIS, IVECO, PERROT BREMSEN (WABCO)

	BFMC	WVA	#	Ø				!		#		
19 505 15,80 00 6	MB/120/1	19 505	4	364	173	200	.15,8		93057	56	8x12	MERCEDES-BENZ
	MB/121/1	19 112	4	364	130	200	.15,8				8x12	
19 506 13,40 00 6	MB/104/1	19 844	4	360	130	160	.13,5		93058	56	8x15	MERCEDES-BENZ
	MB/105/2	19 506	4	360	172	160	.13,4				8x15	
19 506 15,40 00 6	MB/113/1	19 844	4	364	131	160	.15,5		93058	56	8x15	MERCEDES-BENZ
	MB/114/2	19 506	4	364	172	160	.15,40				8x15	
19 515 15,70 00 6	SJ/22/1	19 516	4	300	132	200	.16,6		93252	64	8x18	KAISER, KING, LAG, SAF
	SJ/23/1	19 515	4	300	127	200	.15,7				8x18	
19 517 15,70 00 6	SJ/24/1	19 518	4	300	131	150	.16,6		93252	64	8x18	SAF, TRAILOR
	SJ/25/1	19 517	4	300	127	150	.15,7				8x18	
19 542 19,20 60 8	RW/25/1	19 542	8	381	180	200	.19,2		93684	96	L9	DAF, VOLVO
19 543 14,80 60 5	GG/214/1	19 543	4	360	174	170	.14,8		93683	92	L8	VOLVO
	GG/215/1	19 552	2	360	269	170	.8,4				L8	
19 554 20,40 60 5	RW/29/1	19 553	6	410	180	200	.20,4		93058	96	8x15	ERF, IVECO, LIAZ, MERITOR, ROCKWELL
	RW/29/2	19 554	2	410	180	200	.20,4				8x15	
19 555 20,40 60 5	RW/28/1	19 556	6	410	180	180	.20,4		93058	96	8x15	IVECO, MERITOR, ROCKWELL
	RW/28/2	19 555	2	410	180	180	.20,4				8x15	
19 557 18,60 70 6	FT/6/1	19 606	4	419	188	203	.19,2	Conical drilling	93281	128	5x15	ACERBI, BENALU, CRANE FRUEHAUF, FODEN, FRUEHAUF/BENALU, GIGANT GROUP, SAF, TRAILOR
	FT/7/1	19 557	4	419	192	203	.18,6				5x15	
19 558 16,00 60 6	PB/11/1	19 558	4	410	210	180	.16,0		93067	64	10x18	INBUS, PERROT BREMSEN (WABCO), SAURER, SETRA
	PB/12/1	19 559	4	410	207	180	.16,0				10x18	
19 560 19,00 00 6	VL/74/1	19 560	4	414	197	152	.19,0		93685	88	L10	IRISBUS, VOLVO
	VL/75/1	19 561	4	414	159	152	.19,0				L10	
19 562 19,00 00 6	VL/76/2	19 562	4	394	190	203	.19,0		93685	84	L10	CAETANO PSV, IRISBUS, VOLVO
	VL/77/1	19 563	4	394	146	203	.19,0				L10	
19 567 18,00 00 8	IK/1/1	19 567	8	420	184	180	18		93059	72	8x18	IKARUS
19 568 18,00 00 8	BC/108/1	19 568	8	300	140	200	.18,0		93252	64	8x18	KÄSSBOHRER
19 573 18,00 00 8	BC/79/1	19 573	8	300	144	150	.18,0		93251	64	8x15	BPW
19 574 18,00 00 8	BC/80/1	19 574	8	300	144	200	.18,0		93251	64	8x15	ACERBI, BAJ et FOND, BERTOJA, BPW, CARDI, KÄSSBOHRER, LECITRAILER, PIACENZA, ROLFO, TRABOSA, ZORZI
19 579 18,00 00 6	MB/74/1	19 706	4	410	173	163	.18,0		93060	72	8x20	BOVA, IRISBUS, MAN, MERCEDES-BENZ, NEOPLAN, OPTARE, SANOS
	MB/75/1	19 579	4	410	214	163	.18,0				8x20	
19 581 18,00 00 6	MB/76/1	19 707	4	410	173	223	.18,0		93060	72	8x20	BOVA, IRISBUS, MAN, MERCEDES-BENZ, NEOPLAN, OPTARE
	MB/77/1	19 581	4	410	214	223	.18,0				8x20	
19 602 18,00 00 6		19 602	4	500	197	200	.18,0		93252	72	8x18	BPW
		19 603	4	500	244	200	.18,0				8x18	
19 604 14,80 60 6	RW/9/3	19 604	4	311	126	190	.14,8		93685	80	L10	CRANE FRUEHAUF, DYSON, FRUEHAUF/BENALU, GRANNING LYNX, MERITOR, MOSELEY, SAMRO, SCAMMELL
	RW/13/3	19 605	4	311	158	190	.16,1				L10	
19 608 18,40 00 6	FU/17/1	19 609	4	311	136	203	.19,3		93275	80	5x15	ACERBI, BENALU, CRANE FRUEHAUF, FRUEHAUF/BENALU, GIGANT GROUP
	FU/18/1	19 608	4	311	141	203	.18,4				5x15	
19 613 19,20 70 6	FT/11/1	19 614	4	419	188	178	.18,6	Conical drilling	93281	128	5x15	ACERBI, BENALU, CRANE FRUEHAUF, FRUEHAUF/BENALU, GIGANT GROUP, TRAILOR
	FT/12/1	19 613	4	419	192	178	.19,2				5x15	
19 615 22,15 00 6		19 615	4	420	195	180	.22,15		93684	128	L9	AUTOSAN, KAROSA
		19 616	4	420	195	180	.21,45				L9	
19 617 18,50 60 6	DF/30/1	19 618	4	419	219	203	.18,5		93686	160	L11	DAF, LAG, OPTARE, VAN HOOL
	DF/31/1	19 617	4	419	210	203	.18,5				L11	
19 620 12,50 60 3	SA/30/1	19 621	2	325	251	150	12,5			64	5x12	DAF, IRISBUS, IVECO, RENAULT TRUCKS, VOLVO
	SA/31/1	19 620	2	325	210	150	12,5				5x12	
19 622 12,70 60 4	LH/82/2	19 622	4	394	354	152	12,7			64	K8	BEDFORD, DAF, IVECO, RENAULT TRUCKS, VOLVO
19 632 18,00 00 6	MB/84/1	19 633	4	410	217	183	.18,0		93059	72	8x18	SANOS
	MB/85/1	19 632	4	410	173	183	.18,3				8x18	
19 634 15,90 00 6	PB/27/1	19 634	4	410	207	160	.15,9		93067	64	10x18	KNOTT, PERROT BREMSEN (WABCO), SETRA
	PB/28/1	19 635	4	410	207	160	.15,9				10x18	
19 641 18,00 00 8	BC/118/1	19 641	8	434	208	220	.18,0		93068	128	10x20	TAM
19 642 13,75 00 6	BC/114/1	19 642	4	409	165	160	13,75		93068	56	10x20	TAM
	BC/115/1	19 643	4	409	215	160	13,75				10x20	
19 643 13,75 00 8	BC/115/1	19 643	8	409	215	160	13,75		93068	64	10x20	TAM
19 644 17,80 00 8	BC/116/1	19 644	8	420	204	200	.17,8		93252	80	8x18	GORICA
19 647 19,00 60 8	SV/34/1	19 647	8	413	193	254	19,0		93687	96	L12	SCANIA
19 648 16,00 00 8		19 648	8	420	186	160	16,0		93058	64	8x15	TATRA
19 676 10,00 60 4	BC/119/1	19 676	4	300	265	200	10,0		93252	56	8x18	GORICA
19 677 17,80 00 8		19 677	8	420	204	200	.17,8			80		ITAS

	BFMC	WVA	#	Ø				!		#		
19 687 17,80 00 8		19 687	8	500	253	160	.17,8		93067	64	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
19 690 17,80 00 8		19 690	8	500	253	180	.17,8		93067	64	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
19 694 12,50 60 8	FI/106/1	19 694	8	420	197	180	12,5		93060	128	8x20	IVECO
19 699 17,55 00 5	PB/18/1	19 847	2	410	192	220	.17,55		93067	96	10x18	DENNIS, MERCEDES-BENZ, NEOPLAN, PERROT BREMSEN (WABCO), SETRA, VAN HOOL
	PB/18/2	19 699	2	410	192	220	.17,55				10x18	
	PB/19/1	19 848	4	410	192	220	.17,45				10x18	
19 700 14,50 60 8	YK/12/1	19 700	8	335	156	210	14,5		93684	128	L9	PIACENZA, YORK TRAILERS
	YK/12/1	19 700	8	335	156	210	14,5			128	L9	
19 708 16,25 00 5	GG/232/1	19 708	6	360	174	183	.16,25		93058	96	8x15	MAN, OPTARE
	GG/232/2	19 867	2	360	174	183	.16,25	with w.i.hole		24	8x15	
19 712 16,10 00 6	PB/20/1	19 712	4	410	208	220	.16,10		93067	96	10x18	PERROT BREMSEN (WABCO), SETRA, VAN HOOL
	PB/21/1	19 755	4	410	211	220	0.16				10x18	
19 712 18,10 00 6	PB/20/1	19 712	4	410	208	220	.18,1		93067	96	10x18	IRISBUS, MENARINI, NEOPLAN, PERROT BREMSEN (WABCO), SETRA, VAN HOOL
	PB/21/1	19 755	4	410	211	220	.18,0				10x18	
19 713 17,00 00 8	MP/31/3	19 713	8	410	175	163	.17,0		93059	64	8x18	MAN
19 714 22,20 60 5	RW/28/1	19 556	4	410	180	180	.20,4		93058	96	8x15	IVECO, MERITOR, ROCKWELL
	RW/30/1	19 715	2	410	196	180	.21,9				8x15	
	RW/31/1	19 714	2	410	196	180	.22,2				8x15	
19 716 22,20 60 5	RW/29/1	19 553	4	410	180	200	.20,4		93058	96	8x15	ERF, IVECO, MERITOR, ROCKWELL
	RW/32/1	19 717	2	410	196	200	.21,9				8x15	
	RW/33/1	19 716	2	410	196	200	.22,2				8x15	
19 722 21,40 00 6		19 722	4	420	195	180	.21,4		93685	128	L10	IKARUS
		19 727	4	420	195	180	.20,8				L10	
19 723 18,20 00 8	PB/40/1	19 723	8	410	178	180	.18,2	Old version 8 holes	93067	64	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
19 756 12,00 60 4		19 756	4	300	312	160	12			48		BARTOLETTI
19 758 14,80 60 6	GG/235/1	19 758	4	360	174	170	.14,8		93683	112	L8	VOLVO
	GG/236/1	19 759	4	360	174	170	.9,7				L8	
19 760 15,90 00 6*	SA/36/2	19 760	4	305	144	150	.15,9	*use/verwenden B2044170	93252	48	8x18	CASTERA
	SA/37/2	19 761	4	305	140	150	.15,8				8x18	
19 762 15,90 00 6	LZ/2/1	19 762	4	305	143	200	.15,9		93252	64	8x18	CASTERA, GIGANT GROUP, KAISER, LOHR, NICOLAS
	LZ/3/1	19 763	4	305	141	200	.15,8				8x18	
19 779 19,00 00 8	FI/150/1	19 779	8	420	203	205	.19,0		93060	120	8x20	ADIGE
19 783 14,60 60 6	MQ/3/2	19 783	4	311	148	178	.14,6		93684	96	L9	CARRIMORE, DYSON, HOYNOR, KING, MERITOR, VOLVO, YORK TRAILERS
	MQ/4/2	19 784	4	311	146	178	.14,3				L9	
19 786 17,90 00 8	PB/34/1	19 786	8	410	202	200	.18,0		93068	96	10x20	TAM
19 786 18,90 00 5	PB/34/1	19 786	6	410	202	200	.18,9		93068	96	10x20	IRISBUS, VAN HOOL, VOLVO
19 786 18,90 00 5	PB/34/2	19 823	2	410	202	200	.18,9		93068		10x20	IRISBUS, VAN HOOL, VOLVO
19 795 14,00 60 8	CO/2/1	19 795	8	300	141	180	0.14		93252	64	8x18	COMETTO
19 799 19,00 60 6	VL/81/2	19 800	4	394	190	254	.19,0		93685	84	L10	CAETANO PSV, IRISBUS, VOLVO
	VL/82/1	19 799	4	394	146	254	.19,0				L10	
19 801 17,50 60 6	BA/4/1	19 802	4	430	207	200	.17,5		93060	96	8x20	BARTOLETTI
	BA/5/1	19 801	4	430	207	200	.17,75				8x20	
19 821 12,00 60 3	SY/33/1	19 822	2	325	249	160	12,0		93049	52	6x15	IVECO, PERROT BREMSEN (WABCO), STEYR
	SY/34/1	19 821	2	325	288	160	12,0				6x15	
19 824 18,40 00 5	PB/35/1	19 824	6	410	202	220	.18,4		93067	112	10x18	IRISBUS, PERROT BREMSEN (WABCO), VOLVO
	PB/35/2	19 838	2	410	202	220	.18,4				10x18	
19 825 18,00 00 8	BC/99/1	19 825	8	420	202	220	.18,0		93252	80	8x18	BPW
19 849 17,55 00 6	PB/17/1	19 850	4	410	192	160	.17,45		93067	64	10x18	MENARINI, NEOPLAN, PERROT BREMSEN (WABCO), SETRA
	PB/16/1	19 849	4	410	192	160	.17,55				10x18	
19 877 16,20 60 6	PD/7/1	19 878	4	410	160	160	.16,2		93049	104	6x15	PEGASO, SEDDON ATKINSON
	PD/8/1	19 877	4	410	162	160	.17,3				6x15	
19 879 17,30 60 6*	PD/3/1	19 879	4	410	162	200	.17,3	* use/verwenden K19879.0-F3537	93049	104	6x15	ILASA-TMM, PEGASO, SEDDON ATKINSON
	PD/4/1	19 881	4	410	162	200	.16,5				6x15	
19 885 19,00 60 6*	VL/83/1	19 885	4	394	190	240	.19,0	*use/verwenden B2096932	93687	84	L12	VOLVO
	VL/84/1	19 886	4	394	146	240	.19,0				L12	
19 887 19,30 60 8	CW/11/1	19 887	8	394	178	178	.19,3		93683	128	L8	FORD
19 888 18,50 60 6	DF/36/1	19 888	4	420	177	175	.18,5		93686	96	L11	DAF
	DF/37/1	19 889	4	420	179	175	.19,1				L11	
19 890 18,50 60 6	DF/32/1	19 891	4	420	179	200	.19,1		93685	128	L10	BOVA, DAF
	DF/33/1	19 890	4	420	177	200	.18,5				L10	

	BFMC	WVA	#	Ø				!		#		
19 892 18,00 00 6	SJ/26/1	19 892	4	355	157	200	.18,0		93252	80	8x18	GIGANT GROUP, SAF
	SJ/27/1	19 893	4	355	168	200	.18,8				8x18	
19 896 18,00 00 8	AX/14/6	19 896	8	419	196	178	18,0		93683	112	L8	IKARUS
19 900 19,10 60 6	DF/34/1	19 900	4	420	177	150	.19,1		93686	64	L11	DAF, OPTARE
	DF/35/1	19 901	4	420	179	150	.18,5				L11	
19 902 17,80 00 6	BC/100/1	19 902	4	360	159	200	.17,8		93251	72	8x15	BPW, GORICA
	BC/101/1	19 903	4	360	188	200	.17,8				8x15	
19 908 18,10 00 6	RW/21/1	19 908	4	350	149	200	.18,1		93685	80	L10	MERITOR, SAMRO, ZORZI
	RW/22/1	19 909	4	350	151	200	.18,8				L10	
19 911 18,80 60 6	DF/31/1	19 617	4	419	210	203	.18,5		93685	144	L10	DAF
		19 911	4	419	176	203	.18,8				L10	
19 912 18,00 00 6	FT/19/1	19 912	4	355	157	150	.18,0	Rivet 5mm		80	5x18	TRAILOR
	FT/20/1	19 913	4	355	157	150	.18,8				5x18	TRAILOR
19 912 18,00 80 6	LZ/4/1	19 913	4	355	168	150	.18,8	Rivet 8mm	93252	80	8x18	GIGANT GROUP, LOHR, SAF, TRAILOR
	LZ/5/1	19 912	4	355	157	150	.18,0				8x18	GIGANT GROUP, LOHR, SAF, TRAILOR
19 919 13,00 60 4	BT/84/1	19 919	4	414	371	150	13,0		93059	72	8x18	RENAULT TRUCKS
19 921 19,30 60 8	CW/12/1	19 921	8	394	191	200	.19,3		93683	128	L8	AWD, DAF, FORD
19 922 17,40 60 8	CS/67/1	19 922	8	394	187	203	.17,4		93685	96	L10	CAETANO PSV, DENNIS, ERF, STEYR
19 923 16,50 60 4*	GG/211/1	19 923	4	360	351	170	.16,5	* use/verwenden B2063927	93683	88	L8	DAF
19 928 19,70 00 8*	RW/26/1	19 928	8	360	167	170	.19,7	*use/verwenden K19928.0-3537	93683	96	L8	ROCKWELL, SOR, STEYR
19 931 19,00 00 4	SV/40/2	19 931	4	413	235	178	19,0		93280	64	6,65x18	SCANIA
19 932 19,00 00 4	SV/41/2	19 932	4	413	235	203	19,0		93280	64	6,65x18	SCANIA
19 933 19,00 00 4	SV/42/2	19 933	4	413	235	254	19,0		93280	64	6,65x18	SCANIA
19 934 18,50 60 8	RN/100/1	19 934	8	414	187	150	18,5		93059	64	8x18	RENAULT TRUCKS
19 935 18,50 60 8	RN/101/1	19 935	8	414	187	175	18,5		93059	64	8x18	IRISBUS, RENAULT TRUCKS
19 941 18,30 60 8	VL/86/1	19 941	8	410	176	150	.18,3	(96 x L8=5mm Platform, 80 x L10=8mm Platform)	93683 / 93685	80 / 96	L8/L10	VOLVO
19 946 18,20 00 6	PB/36/1	19 946	4	410	192	180	.18,2		93067	64	10x18	PERROT BREMSEN (WABCO), VAN HOOL
	PB/37/1	19 947	4	410	193	180	.18,7				10x18	
19 952 17,80 00 6	BC/104/1	19 952	4	360	187	160	.17,8		93251	72	8x15	BPW
	BC/105/1	19 953	4	360	158	160	.17,8				8x15	
19 967 16,30 00 6*	BC/106/1	19 967	4	300	132	200	16,3	*use/verwenden B2800927	93275	96	5x15	BPW, TRAILOR
	BC/107/1	19 968	4	300	129	200	15,4				5x15	
55 173 08,00 60 4		55 173	4	310	307	80	8,0		93049	64	6x15	PEITZ
57 248 11,00 00 4		57 248	4	300	248	135	11	18.5mm counter bore Ø				A.D.R. , GKN FAD Axles
57 250 11,00 00 4		57 250	4	300	246.6	135	11	16.5mm counter bore Ø				A.D.R. , GKN FAD Axles
57 251 11,00 00 4		57 251	4	300	248.5	100	11					A.D.R. , GKN FAD Axles
59 082 09,00 60 4	CO/1/1	59 082	4	300	285	179	9			32		COMETTO
59 234 19,10 60 8	RW/27/1	59 234	8	410	202	200	.19,1		93686	128	L11	ASTRA, AWD
59 335 11,00 66 4		59 335	4	300	286	160	11					A.D.R. , GKN FAD Axles
59 338 11,00 00 4		59 338	4	300	286	150	11					A.D.R. , GKN FAD Axles

?OE →



ADR	BERAL
0103097F	57 251 11,00 4
0103136	59 338 11,00 4

BPW	BERAL
03 091 14 37 0	19 574 19,00 8
03 092 04 02 0	11 478 05,00 4
03 092 04 06 0	11 478 05,00 4
03 092 05 06 0	11 084 05,00 4
03 092 05 11 0	11 084 05,00 4
03 092 05 12 0	11 084 05,00 4
03 092 05 17 0	11 084 05,00 4
03 092 05 18 0	11 084 05,00 4
03 092 05 19 0	11 284 05,00 4
03 092 05 20 0	11 084 05,00 4
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03 092 11 07 0	15 004 05,00 4
03 092 11 08 0	15 004 05,00 4
03 092 11 09 0	15 004 05,00 4
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03 092 25 17 0	19 200 17,80 8
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03 092 25 47 0	19 200 19,00 8
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03 092 25 50 0	19 200 20,00 8
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03 092 26 05 0	19 032 20,00 8
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03 092 27 65 0	19 094 17,80 8
03 092 27 68 0	19 094 20,00 8
03 092 27 71 0	19 094 17,80 8
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03 092 27 73 0	19 094 20,00 8
03 092 27 74 0	19 094 19,00 8
03 092 27 75 0	19 094 19,00 8
03 092 27 76 0	19 094 17,80 8
03 092 27 77 0	19 094 19,00 8
03 092 27 78 0	19 094 20,00 8
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05 091 13 37 0	19 573 19,00 8
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05 091 27 71 0	19 094 17,80 8
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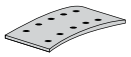
?OE → 

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180 053 03	19 200 17,80 8
180 202 02	17 456 20,00 8

DAF	BERAL
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115 754	17 263 18,30 6
115 755	19 256 18,30 6
115 756	19 256 18,30 6
116 693	19 150 18,30 6
116 694	19 150 18,30 6
117 116	19 150 19,30 6
117 117	19 150 19,30 6
117 118	19 256 19,30 6
117 119	19 256 19,30 6
170 575	19 150 19,30 6
170 576	19 150 19,30 6
303 910	19 032 17,80 8
305 361	19 150 18,30 6
313 739	17 829 10,00 3
313 746	19 620 12,50 3
330 069	19 256 19,30 6
330 070	19 256 19,30 6
382 175	19 150 19,30 6
382 176	19 150 19,30 6
382 179	19 256 19,30 6
382 180	19 256 19,30 6
501 910	19 256 18,30 6
501 911	19 256 18,30 6
503 225	19 150 18,30 6
503 226	19 150 18,30 6
503 910	19 256 18,30 6
503 911	19 256 18,30 6
503223	17 263 18,30 6
503224	17 263 18,30 6
505 360	19 150 18,30 6
505 361	19 150 18,30 6
505 362	19 617 18,50 6
505 363	19 617 18,50 6
509 940	17 263 18,30 6
509 941	17 263 18,30 6
509 942	19 150 18,30 6
509 944	19 256 18,30 6
509 945	19 256 18,30 6
511 680	17 263 18,30 6
511 681	17 263 18,30 6
511 682	19 256 18,30 6
511 683	19 256 18,30 6
514 281	19 150 19,30 6
514 282	19 150 19,30 6
514 283	19 150 19,30 6
514 284	19 150 19,30 6
514 285	19 256 19,30 6
514 286	19 256 19,30 6
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514 288	19 256 19,30 6
515 287	19 256 19,30 6
515 288	19 256 19,30 6
529 943	19 150 18,30 6
544 039	17 263 18,30 6
544 040	17 263 18,30 6
544 041	19 150 18,30 6
544 042	19 150 18,30 6
546 027	19 256 18,30 6
546 028	19 256 18,30 6
607 360	17 827 12,50 3
607 855	19 620 12,50 3

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608 505	17 829 10,00 3
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612 342	19 150 18,30 6
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612 344	19 256 18,30 6
615 176	17 263 18,30 6
615 177	17 263 18,30 6
619 280	19 150 18,30 6
619 281	19 617 19,50 6
619 282	19 617 19,50 6
620 253	19 150 18,30 6
620 254	19 150 18,30 6
620 255	19 256 18,30 6
620 256	19 256 18,30 6
620 259	19 150 19,30 6
620 260	19 150 19,30 6
620 261	19 256 19,30 6
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624 231	17 263 18,30 6
624 232	17 263 18,30 6
624 234	19 150 18,30 6
624 235	19 256 18,30 6
624 236	19 256 18,30 6
624 245	17 263 18,30 6
624 246	17 263 18,30 6
626 621	17 263 18,30 6
626 622	17 263 18,30 6
627 548	17 263 18,30 6
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627 550	17 263 18,30 6
627 551	17 263 18,30 6
627 553	19 150 18,30 6
627 555	19 150 18,30 6
627 556	19 256 18,30 6
627 557	19 256 18,30 6
627 558	19 256 18,30 6
627 559	19 256 18,30 6
632 073	17 263 18,30 6
632 437	19 150 18,30 6
632 438	19 150 18,30 6
632 439	19 617 18,50 6
632 440	19 617 18,50 6
633 975	19 150 18,30 6
633 976	19 617 19,50 6
633 977	19 617 19,50 6
635 800	19 150 18,30 6
635 801	19 256 18,30 6
635 802	19 256 18,30 6
635 803	19 617 19,50 6
635 804	19 617 19,50 6
636 066	19 256 19,30 6
636 067	19 256 19,30 6
636 068	19 150 19,30 6
636 069	19 150 19,30 6
636 071	17 263 18,30 6
636 076	19 617 19,50 6
636 077	19 617 19,50 6
636 080	19 256 18,30 6
636 081	19 256 18,30 6
636 082	19 256 19,30 6
636 083	19 256 19,30 6
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636 089	17 263 18,30 6

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638 827	19 256 18,30 6
638 828	19 256 18,30 6
638 830	19 150 18,30 6
639 638	17 263 18,30 6
639 639	17 263 18,30 6
652 063	19 150 19,30 6
652 064	19 150 19,30 6
652 065	19 256 19,30 6
652 066	19 256 19,30 6
652 067	19 617 19,50 6
652 068	19 617 19,50 6
680 807	17 263 18,30 6
680 808	17 263 18,30 6
680 811	19 150 18,30 6
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680 813	19 150 19,30 6
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681 282	19 150 18,30 6
681 284	19 256 18,30 6
681 290	19 617 18,50 6
681 292	19 617 19,50 6
681 430	19 150 18,30 6
681 788	19 150 18,30 6
681 789	19 150 19,30 6
681 790	19 256 18,30 6
681 791	19 256 19,30 6
681 792	19 617 18,50 6
681 793	19 617 19,50 6
681 794	17 263 18,30 6
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682 037	19 150 18,30 6
682 039	19 150 18,30 6
682 040	19 150 19,30 6
682 041	19 617 18,50 6
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682 096	19 888 18,50 6
682 098	19 888 18,50 6
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682 102	19 890 19,50 6
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682 418	19 010 20,60 6
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682 428	19 063 21,60 6
682 441	19 024 20,60 6
682 442	19 024 21,60 6
682 443	19 024 20,60 6
682 444	19 024 21,60 6
682 807	19 150 18,30 6
682 808	19 150 19,30 6
682 809	19 256 18,30 6
682 839	19 150 18,30 6
682 840	19 150 19,30 6
682 841	19 256 18,30 6
682 842	19 256 19,30 6
682 845	19 900 19,10 6
682 847	19 888 18,50 6
682 849	19 890 18,50 6
682 850	19 890 19,50 6
682 851	19 914 19,00 6
682 855	19 024 20,60 6
682 856	19 024 21,60 6
682 857	19 010 20,60 6
682 858	19 010 21,60 6
682 859	19 052 20,60 6
682 861	19 063 20,60 6
682 862	19 063 21,60 6
682 863	19 069 20,80 6
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683 013	19 150 18,30 6
683 014	19 150 19,30 6
683 016	19 256 18,30 6
683 017	19 256 19,30 6
683 018	19 617 18,50 6
683 019	19 617 19,50 6
683 021	19 900 19,10 6
683 023	19 888 18,50 6
683 025	19 890 18,50 6
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683 033	19 010 20,60 6
683 034	19 010 21,60 6
683 035	19 052 20,60 6
683 036	19 052 21,60 6
683 037	19 063 20,60 6
683 038	19 063 21,60 6
683 039	19 069 20,80 6
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683 274	19 010 20,60 6
683 275	19 010 21,60 6
683 276	19 052 20,60 6
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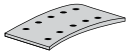

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AMPB 017	19 503 16,00 4
AMPB 018	19 503 16,00 4
AMPB 289	15 817 12,10 3
AMPB 294	15 817 12,10 3
AMPB 657	15 817 12,10 3

FORD	BERAL
68019541/42	17 555 09,50 4

FRUEHAUF	BERAL
M910035-01	19 557 18,60 6
M910035-03	19 613 19,20 6
M910035-05	19 613 20,20 6
M910035-06	19 557 19,60 6

GIGANT	BERAL
06905-057	19 405 11,50 8
07109048	19 094 17,80 8
07112-095	19 405 11,50 8
07412-033	15 799 11,50 8
07702-025	15 247 08,00 4
07802-022	19 762 15,90 6
07802-041	19 760 15,90 6
07802-043	17 897 15,80 6
08803-050	19 762 16,90 6
08804-171	15 799 12,80 8
09012-300	15 799 11,50 8
09012-301	17 897 15,80 6
09012-302	19 760 15,90 6
09012-303	19 762 15,90 6
09104-100	15 799 11,50 8
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09104-130	17 897 15,80 6
09104-140	19 760 15,90 6
09104-160	19 762 15,90 6
09191-004	19 574 17,00 8
09291 046	17 347 19,00 8
09291-004	19 574 17,00 8
09291-029	19 574 17,00 8
09291-030	19 574 19,00 8
09291-032	19 902 17,00 6
09291-035	19 902 17,00 6
09291-036	19 902 19,00 6
09291-044	17 347 17,00 8
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09291-046	17 347 19,00 8
09317-084	19 574 17,00 8
09317-085	19 574 19,00 8
09317-086	19 902 17,00 6
09317-087	19 902 19,00 6
09317-168	17 347 17,00 8
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IVECO	BERAL
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0501 300 419	11 284 05,00 4
0501 600 419	11 284 05,00 4
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126 7386	17 248 12,00 4
126 7403 E	17 269 12,00 3
126 9504	17 269 12,00 3

...IVECO	BERAL
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126 9528	17 269 12,00 3
126 9583	17 269 12,00 3
126 9617	17 269 14,00 3
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126 9641	17 269 13,00 3
126 9642	17 269 13,00 3
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1424 30 03 02	13 203 06,00 4
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190 2186	19 384 19,15 5
190 2187	19 384 20,15 5
190 3254	17 924 12,50 3
190 3255	17 924 13,50 3
190 3480	19 384 18,15 5
190 3481	19 384 19,15 5
190 3482	19 384 20,15 5
190 6086	19 786 18,90 5
190 6115	19 620 12,50 3
190 6117	17 827 12,50 3
190 6161	17 804 12,70 4
190 6162	17 804 13,70 4
190 6164	19 622 12,70 4
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190 6223	19 503 18,00 4
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190 6231	15 732 07,50 3
190 6232	15 732 08,00 3
190 6233	17 408 08,00 3
190 6234	17 408 08,00 3
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190 6240	19 821 12,00 3
190 6244	19 786 18,90 5
190 6257	19 262 20,80 5
190 6258	19 262 21,80 5
190 6259	19 263 20,80 5
190 6265	17 924 13,50 3
190 6267	17 635 13,00 3
190 6268	17 635 13,00 3
190 6273	19 821 13,00 3
190 6274	19 821 13,00 3
190 6309	17 481 12,00 4
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190 6414	19 716 23,20 5
190 6431	19 714 22,20 5
190 6432	19 716 22,20 5
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256 0503 E 5107 12	17 408 08,00 3
269 6939	17 269 12,00 3
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296 4721 E 5014 12	17 248 12,00 4
296 6745 E 5107 12	17 408 09,00 3
296 7383 E 5002 18	17 635 13,00 3
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296 9433 EY 5055 12	17 269 12,00 3
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296 9437 EY 5055 12	17 269 14,00 3
296 9438 EY 5055 18	17 269 12,00 3
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298 0097 EY 5055 12	17 269 14,00 3
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299 1915	19 714 23,20 5
299 1918	19 099 21,50 5
299 2005	19 091 21,50 5
299 2006	19 091 22,50 5
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299 2123	19 116 22,70 6
299 2124	19 116 23,70 6
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299 7761	19 091 22,50 5
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339 2132	13 203 06,00 4
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4 023 399	15 207 08,00 4
4 602 434	17 481 12,00 4
4 610 034	15 494 12,00 4
4 611 616	15 494 12,00 4
4 656 489	17 481 12,00 4

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4 683 638	15 494 12,00 4
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4 691 224	17 869 12,50 8
4 693 321	19 694 12,50 8
4 694 116	17 481 12,00 4
4 694 338	17 885 12,50 8
4 694 875	17 885 12,50 8
4 707 409	17 869 12,50 8
4 715 314	15 732 08,00 3
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4202.6002.EZ.5055.18	19 620 12,50 3
4202.6003.EZ.5055.18	19 620 13,50 3
4206.1502.EZ.5055.18	19 384 18,15 5
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4248 1444	17 408 08,00 3
4248 1445	17 408 08,00 3
4248 1446	17 408 09,00 3
4248.0265.EY.5055.12	17 829 10,00 3
4248.0271.EY.5055.18	17 831 10,00 3
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445.9788 EC	19 384 18,15 5
535 105 W	13 203 06,00 4
716 0138	17 408 08,00 3
716 0171	17 635 12,00 3
716 0175	17 635 12,00 3
716 0834	17 869 12,50 8
716 0835	17 869 12,50 8
716 5220	15 732 07,00 3
716 5221	15 732 08,00 3
853.9218	15 150 07,00 4
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854 4456	17 408 08,00 3
854.4643	15 150 07,00 4
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855 9394	17 408 08,00 3
855.2780	15 150 07,00 4
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856 1860	15 732 08,00 3
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856 1863	15 732 08,00 3
856 1868	17 408 08,00 3
856 1869	17 408 09,00 3
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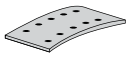

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KAESSBOHRER	BERAL
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8 241 030 335	19 103 12,00 8
8 241 037 393	19 397 13,00 8
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8 241 999 328	19 032 17,80 8
8 241 999 600	19 574 18,00 8
8 241 999 686	19 574 18,00 8
8 241 999 721	19 952 17,80 6
8 241 999 722	19 952 17,80 6
8 241 999 733	19 032 17,80 8
8 241 999 735	19 094 17,80 8
8 243 000 607	19 634 15,90 6
8 243 000 610	19 634 15,90 6
8 282 000 052	15 150 07,00 4
8 282 000 053	15 174 07,00 4
8 282 000 101	15 247 08,00 4
8 282 000 161	17 269 12,00 3
8 282 000 162	17 269 12,00 3
8 282 000 223	19 166 19,80 6
8 282 000 224	19 166 19,80 6
8 282 000 430	17 248 12,00 4
8 282 000 464	17 269 14,00 3
8 282 000 465	17 269 14,00 3
8 282 000 491	17 408 08,00 3
8 282 000 509	17 408 10,00 3
8 282 000 539	17 408 09,00 3
8 282 000 684	17 742 16,00 6
8 282 000 686	19 558 17,00 6
8 282 000 688	19 558 16,00 6
8 282 000 729	19 558 16,00 6
8 282 000 738	17 248 12,00 4
8 282 000 752	17 758 08,10 4
8 282 000 826	17 758 08,10 4
8 282 000 827	17 758 08,10 4
8 283 000 010	17 285 10,00 8
8 283 000 011	17 285 11,00 8
8 283 000 034	17 285 11,00 8
8 283 000 116	19 168 20,40 6
8 283 000 152	17 016 08,00 8
8 283 000 156	17 115 10,00 8
8 283 000 161	17 269 12,00 3
8 283 000 163	19 168 18,40 6
8 283 000 164	19 168 18,40 6
8 283 000 165	19 168 20,40 6
8 283 000 175	19 166 20,80 6
8 283 000 176	19 166 19,80 6
8 283 000 183	19 019 14,00 4
8 283 000 283	19 103 10,00 8
8 283 000 314	19 166 20,80 6
8 283 000 315	19 166 19,80 6
8 283 000 338	19 562 20,00 6
8 283 000 346	19 568 18,00 8
8 283 000 347	19 103 10,00 8
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8 283 000 353	19 166 19,80 6
8 283 000 502	19 558 17,00 6
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8 283 000 584	19 166 19,80 6
8 283 000 607	19 634 15,90 6

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8 283 000 613	19 634 15,90 6
8 283 000 614	19 634 16,90 6
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8 283 000 669	19 634 15,90 6
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8 283 000 699	19 634 15,90 6
8 283 000 769	19 166 19,80 6
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8 283 000 804	19 166 20,80 6
8 283 000 806	19 166 18,80 6
8 283 000 807	19 166 18,80 6
8 283000 162	17 269 12,00 3
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8 285 000 147	19 568 19,00 8
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8 285 000 162	19 634 15,90 6
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8 285 000 164	19 558 16,00 6
8 285 194 119	17 742 16,00 6
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8 285 200 115	19 699 17,55 5
8 285 232 309	19 849 17,55 6
8 285 232 522 0	19 699 18,55 5
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8 285 360 355	17 742 16,00 6
8 285 506 613	19 699 17,55 5
8 919 920 576 4	19 712 18,10 6

KNOTT	BERAL
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24475.00	19 690 17,80 8
25540.00	19 687 17,80 8
25738.05	19 723 18,20 8
26800.02	19 042 17,80 8
26800.04	19 042 18,90 8
26809.02	19 041 17,80 8
26809.04	19 041 18,90 8
27782.02	17 374 17,80 8
27782.04	17 374 18,90 8
33420.02	19 558 17,00 6
33421.02	19 558 17,00 6

LEYLAND	BERAL
AMPB 017	19 503 16,00 4
AMPB 018	19 503 16,00 4
AMPB 288	17 900 12,10 3
AMPB 295	17 900 12,10 3

MAN	BERAL
80 50221 6013	15 879 16,50 8
81 50200 6805	19 177 16,00 8
81 50200 6806	19 177 17,00 8
81 50220 0039	17 285 10,00 8
81 50220 0066	17 285 10,00 8
81 50220 0092	17 285 11,00 8
81 50220 0105	17 285 11,00 8
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...MAN	BERAL
81 50220 0117	17 285 11,00 8
81 50220 0148	19 713 18,30 8
81 50220 0186	17 285 11,00 8
81 50220 0235	17 238 17,00 8
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81 50220 0297	17 285 11,00 8
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81 50220 0465	17 238 19,10 8
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81 50220 0504	19 713 18,30 8
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81 50220 0524	19 495 17,00 8
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81 50220 0533	17 682 19,10 8
81 50220 0535	17 238 18,30 8
81 50220 0536	17 238 19,10 8
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81 50220 0550	19 713 17,00 8
81 50220 0560	17 682 17,00 8
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81 50220 0563	17 238 17,00 8
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81 50220 0565	19 579 18,00 6
81 50220 0566	19 579 18,80 6
81 50220 0567	19 579 20,50 6
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...MAN	BERAL
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81 50220 0685	19 713 19,10 8
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81 50221 0013	15 817 13,10 3
81 50221 0015	15 817 12,10 3
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81 50221 0048	17 682 17,00 8
81 50221 0049	17 682 18,30 8
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81 50221 0052	17 682 19,10 8
81 50221 0053	17 238 17,00 8
81 50221 0055	17 238 17,00 8
81 50221 0056	17 238 18,30 8
81 50221 0058	19 495 17,00 8
81 50221 0147	19 713 17,00 8
81 50221 0148	19 713 18,30 8
81 50221 0160	19 713 18,30 8
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BERAL®

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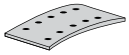

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81 50221 0587	17 988 16,20 8
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81 50221 0698	17 682 17,00 8
81 50221 0700	17 682 18,30 8
81 50221 0734	15 879 17,50 8
81 50221 0736	17 988 17,20 8
81 50221 0738	17 017 17,00 8
81 50221 0740	19 177 17,00 8
81 50221 0768	17 682 17,00 8
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81 50221 0783	17 238 17,00 8
81 50221 0784	19 495 17,00 8
81 50221 0785	15 817 12,10 3
81 50221 0786	15 817 13,10 3
81 50221 0788	15 817 12,10 3
81 50221 0789	15 817 13,10 3
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81 50221 0795	17 900 12,10 3
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81 50221 0831	17 238 18,30 8
81 50221 0832	17 238 19,10 8
81 50221 0834	17 238 17,00 8
81 50221 0835	17 238 17,00 8
81 50221 0836	17 238 18,30 8
81 50221 0837	17 238 19,10 8
81 50221 0850	19 495 17,00 8
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81 50221 0874	17 988 16,20 8
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81 50221 0906	19 495 17,00 8
81 50221 0908	19 495 17,00 8
81 50221 0939	17 238 17,00 8
81 50221 0940	17 238 19,10 8
81 50221 0943	19 713 18,30 8
81 50221 0944	19 713 17,00 8
81 50221 0945	19 713 19,10 8
81 50221 0949	19 495 17,00 8

...MAN	BERAL
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81 50221 6017	17 988 17,20 8
81 50221 6025	17 017 16,00 8
81 50221 6031	17 988 16,20 8
81 50221 6032	17 988 17,20 8
81 50221 6034	15 879 16,50 8
81 50221 6035	15 879 17,50 8
81 50221 6037	17 017 16,00 8
81 50221 6038	17 017 17,00 8
81 50221 6040	19 177 16,00 8
81 50221 6041	19 177 17,00 8
81 50221 6044	17 988 17,20 8
81 50221 6049	19 177 16,00 8
81 50221 6050	19 177 17,00 8
81 50221 6055	17 017 16,00 8
81 50221 6056	17 017 17,00 8
81 50221 6061	15 879 16,50 8
81 50221 6062	15 879 17,50 8
81 50221 6070	19 708 16,25 5
81 50221 6071	19 708 17,25 5
81 50221 6073	17 238 17,00 8
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81 50221 6077	19 495 17,00 8
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81 50221 6097	19 495 17,00 8
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81 50221 6099	19 495 19,10 8
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88 50220 0023	19 713 18,30 8
88 50220 0036	19 713 17,00 8
88 50220 0037	19 713 19,10 8
88 50220 0040	19 496 17,00 8
88 50220 0050	19 579 17,00 6
88 50220 0064	19 579 18,80 6
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90 80020 0168	17 269 13,00 3
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90 81074 4887	17 269 12,00 3
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90 81074 4960	17 269 12,00 3

MERCEDES-BENZ	BERAL
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...MERCEDES-BENZ	BERAL
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301 421 62 10	19 579 19,50 6
301 421 63 10	19 579 20,50 6
301 421 64 10	19 579 18,80 6
301 421 65 10	19 579 19,50 6
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301 421 88 10	17 795 18,00 6
301 421 89 10	17 795 18,80 6
301 423 21 10	19 581 18,80 6
301 423 22 10	19 581 19,50 6
301 423 23 10	19 581 20,50 6
301 423 24 10	19 579 18,80 6
301 423 25 10	19 579 19,50 6
301 423 26 10	19 579 20,50 6
301 423 70 10	19 579 18,00 6
301 423 71 10	19 579 19,50 6
301 423 72 10	19 579 20,50 6
301 423 79 10	19 579 18,80 6
301 423 80 10	19 579 19,50 6
301 423 81 10	19 579 20,50 6
302 421 03 10	19 125 19,70 8
302 421 06 10	19 125 19,70 8
302 423 18 10	19 125 19,70 8
303 423 09 10	17 285 10,00 8
305 421 00 10	19 494 18,30 8
305 421 01 10	19 494 19,10 8
305 421 03 10	19 125 19,70 8
305 421 06 10	19 125 19,70 8
305 423 03 10	19 496 18,30 8
305 423 04 10	19 496 19,10 8
305 423 09 10	19 496 18,30 8
305 423 10 10	19 496 19,10 8
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307 421 35 10	19 579 19,50 6
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307 421 37 10	17 795 18,80 6
307 421 39 10	17 795 18,00 6
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...MERCEDES-BENZ	BERAL
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307 421 43 10	19 579 19,50 6
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307 421 47 10	19 579 20,50 6
307 421 48 10	19 579 18,00 6
307 421 49 10	19 579 19,50 6
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307 421 51 10	19 579 18,00 6
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307 421 57 10	19 579 20,50 6
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307 421 59 10	19 579 18,00 6
307 421 60 10	19 579 18,00 6
307 421 61 10	19 579 19,50 6
307 421 62 10	19 579 20,50 6
307 421 63 10	19 579 18,80 6
307 421 64 10	19 579 19,50 6
307 421 65 10	19 579 20,50 6
307 421 66 10	19 579 18,80 6
307 421 67 10	19 579 19,50 6
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307 421 69 10	19 579 18,00 6
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307 423 29 10	19 581 19,50 6
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307 423 51 10	19 579 18,80 6
307 423 52 10	19 579 19,50 6
307 423 53 10	19 579 20,50 6
307 423 54 10	19 579 18,80 6
307 423 55 10	19 579 19,50 6
307 423 56 10	19 579 20,50 6
307 423 57 10	19 579 18,80 6
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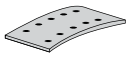
?OE → 

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309 420 58 20	**15 349 10,00 3**
309 420 60 20	**15 349 10,00 3**
309 421 03 10	**15 349 10,00 3**
309 421 04 10	**15 349 10,00 3**
309 421 05 10	**15 349 11,00 3**
309 421 06 10	**15 349 10,00 3**
309 421 07 10	**15 349 10,00 3**
309 421 08 10	**15 349 11,00 3**
309 421 09 10	**15 580 10,00 3**
309 421 10 10	**15 580 10,00 3**
309 421 11 10	**15 580 11,00 3**
309 421 12 10	**15 580 10,00 3**
309 421 13 10	**15 580 10,00 3**
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309 421 15 10	**15 349 10,00 3**
309 421 16 10	**15 349 10,00 3**
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309 421 18 10	**15 349 10,00 3**
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309 421 20 10	**15 349 11,00 3**
309 421 21 10	**15 580 10,00 3**
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309 421 24 10	**15 580 10,00 3**
309 421 25 10	**15 580 10,00 3**
309 421 26 10	**15 580 11,00 3**
309 421 27 10	**15 349 10,00 3**
309 421 28 10	**15 349 10,00 3**
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309 421 30 10	**15 349 10,00 3**
309 421 31 10	**15 349 11,00 3**
309 421 38 10	**15 349 10,00 3**
309 421 49 10	**15 349 10,00 3**
309 421 50 10	**15 349 10,00 3**
309 421 51 10	**15 349 11,00 3**
309 421 67 10	**15 349 10,00 3**
309 421 68 10	**15 349 10,00 3**
309 421 69 10	**15 349 11,00 3**
310 325 13 00	**15 057 10,30 4**
310 421 03 10	**15 580 12,00 3**
310 421 04 10	**15 580 12,00 3**
310 421 05 10	**15 580 13,00 3**
310 421 06 10	**15 580 12,00 3**
310 421 07 10	**15 580 12,00 3**
310 421 08 10	**15 580 13,00 3**
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310 421 12 10	**15 580 10,00 3**
310 421 13 10	**15 580 10,00 3**
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310 421 21 10	**15 580 12,00 3**
310 421 22 10	**15 580 12,00 3**
310 421 23 10	**15 580 13,00 3**
310 421 24 10	**15 580 12,00 3**
310 421 25 10	**15 580 12,00 3**
310 421 26 10	**15 580 13,00 3**

...MERCEDES-BENZ BERAL	
310 421 27 10	**15 580 12,00 3**
310 421 28 10	**15 580 12,00 3**
310 421 29 10	**15 580 13,00 3**
310 421 30 10	**15 580 12,00 3**
310 421 31 10	**15 580 13,00 3**
310 421 32 10	**15 580 12,00 3**
310 421 44 10	**15 580 12,00 3**
310 421 45 10	**15 580 12,00 3**
310 421 46 10	**15 580 13,00 3**
316 421 01 10	**17 409 10,00 4**
316 421 02 10	**17 409 11,40 4**
316 421 03 10	**17 409 12,00 4**
316 421 04 10	**17 409 10,00 4**
316 421 05 10	**17 409 11,40 4**
316 421 06 10	**17 409 12,00 4**
316 421 14 10	**17 409 10,60 4**
316 421 19 10	**17 409 12,00 4**
316 421 22 10	**17 409 10,00 4**
316 421 23 10	**17 409 10,60 4**
316 421 24 10	**17 409 11,40 4**
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317 421 12 10	**19 125 19,70 8**
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317 421 50 10	**19 125 19,70 8**
317 421 51 10	**19 125 19,70 8**
317 421 56 10	**19 125 19,70 8**
317 421 57 10	**19 125 19,70 8**
317 421 59 10	**19 125 19,70 8**
317 423 28 10	**19 466 19,40 8**
317 423 50 10	**19 466 19,40 8**
318 421 00 10	**17 409 13,40 4**
318 421 03 10	**17 409 13,40 4**
318 421 06 10	**17 409 13,40 4**
318 421 07 10	**17 409 13,40 4**
318 421 18 10	**17 409 11,40 4**
318 421 19 10	**17 409 12,00 4**
318 421 20 10	**17 409 12,60 4**
318 421 21 10	**17 409 13,40 4**
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324 421 07 10	**15 057 11,30 4**
324 421 10 10	**15 057 10,30 4**
324 421 11 10	**15 057 11,30 4**
324 421 14 10	**15 057 10,30 4**
324 421 20 10	**15 057 11,30 4**
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330 423 00 10	**17 285 10,00 8**
339 423 01 10	**17 285 10,00 8**
339 423 02 10	**17 285 11,00 8**
341 421 00 10	**17 285 10,00 8**
341 421 01 10	**17 285 11,00 8**
341 423 00 10	**17 298 15,00 8**
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341 423 08 10	**17 298 15,00 8**
341 423 09 10	**17 298 16,00 8**
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341 423 42 10	**17 298 15,00 8**
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343 421 06 10	**17 285 10,00 8**
343 421 07 10	**17 285 11,00 8**
343 421 10 10	**17 285 11,00 8**
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343 421 19 10	**17 285 11,00 8**
343 421 21 10	**17 285 10,00 8**
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345 423 81 10	**19 494 18,30 8**
346 421 00 10	**17 238 18,30 8**
346 423 03 10	**19 494 18,30 8**
346 423 04 10	**19 494 19,10 8**
346 423 12 10	**19 494 18,30 8**
346 423 13 10	**19 494 19,10 8**
346 423 15 10	**19 494 18,30 8**
346 423 16 10	**19 494 19,10 8**
346 423 20 10	**17 238 18,30 8**
346 423 23 10	**17 238 18,30 8**
346 423 26 10	**17 238 18,30 8**
346 423 31 10	**19 494 18,30 8**
346 423 32 10	**19 494 19,10 8**
346 423 37 10	**19 494 18,30 8**
346 423 38 10	**19 494 19,10 8**
346 423 40 10	**19 494 17,00 8**
346 423 42 10	**17 238 18,30 8**
346 423 46 10	**17 238 17,00 8**
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346 423 55 10	**17 238 17,00 8**
346 423 56 10	**19 494 17,00 8**
346 423 58 10	**19 494 18,30 8**
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346 423 61 10	**19 494 18,30 8**
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346 423 65 10	**17 238 18,30 8**
346 423 67 10	**17 238 17,00 8**
346 423 68 10	**17 238 18,30 8**
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346 423 88 10	**17 238 18,30 8**
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346 423 96 10	**19 495 17,00 8**
352 421 00 10	**17 682 18,30 8**
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...MERCEDES-BENZ BERAL	
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353 423 39 10	**17 297 15,00 8**
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355 423 00 10	**19 125 19,70 8**
355 423 03 10	**19 125 19,70 8**
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355 423 25 10	**19 125 19,70 8**
355 423 34 10	**19 125 19,70 8**
355 423 35 10	**19 125 19,70 8**
357 423 01 11	**19 581 18,00 6**
357 423 02 11	**19 581 18,80 6**
357 423 03 11	**19 579 19,50 6**
357 423 04 11	**19 579 18,00 6**
357 423 05 11	**19 579 18,80 6**
357 423 06 11	**19 579 19,50 6**
357 423 07 11	**19 579 18,80 6**
357 423 08 11	**19 579 19,50 6**
357 423 09 11	**19 579 20,50 6**
357 423 10 11	**19 581 18,80 6**
357 423 11 11	**19 579 19,50 6**
357 423 12 11	**19 579 20,50 6**
357 423 19 11	**19 579 18,80 6**
357 423 20 11	**19 579 19,50 6**
357 423 21 11	**19 579 20,50 6**
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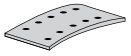
?OE → 

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381 423 00 10	**17 682 18,30 8**
381 423 01 10	**17 682 19,10 8**
381 423 03 10	**17 682 17,00 8**
381 423 04 10	**17 682 18,30 8**
381 423 05 10	**17 682 19,10 8**
381 423 06 10	**17 682 19,10 8**
381 423 07 10	**17 682 17,00 8**
381 423 19 10	**17 238 18,30 8**
381 423 20 10	**17 238 18,30 8**
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381 423 23 10	**19 494 19,10 8**
381 423 26 10	**17 238 17,00 8**
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383 421 07 10	**17 682 19,10 8**
383 421 08 10	**17 682 19,10 8**
383 421 09 10	**17 682 18,30 8**
383 421 10 10	**17 682 19,10 8**
383 421 11 10	**17 682 19,10 8**
383 421 14 10	**17 682 17,00 8**
383 421 15 10	**17 682 17,00 8**
383 421 19 10	**17 682 18,30 8**
383 421 20 10	**17 682 19,10 8**
383 421 23 10	**17 682 19,10 8**
383 421 24 10	**17 682 18,30 8**
383 421 25 10	**17 682 17,00 8**
383 421 26 10	**17 682 17,00 8**
383 421 28 10	**17 238 17,00 8**
383 421 30 10	**17 238 17,00 8**
383 421 31 10	**17 238 17,00 8**
385 421 00 10	**19 494 18,30 8**
385 421 01 10	**19 494 19,10 8**
385 421 03 10	**19 494 18,30 8**
385 421 04 10	**19 494 19,10 8**
385 421 06 10	**19 494 17,00 8**
385 421 07 10	**19 494 17,00 8**
385 421 08 10	**19 494 19,10 8**
385 421 10 10	**19 494 18,30 8**
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385 423 02 10	**17 238 18,30 8**
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385 423 08 10	**17 238 17,00 8**
385 423 09 10	**17 238 18,30 8**
385 423 10 10	**17 238 18,30 8**
385 423 12 10	**17 238 17,00 8**
385 423 13 10	**19 494 17,00 8**
385 423 15 10	**19 494 18,30 8**
385 423 16 10	**19 494 19,10 8**
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407 421 03 10	**15 295 07,00 4**
407 421 05 10	**15 295 06,40 4**
421 421 00 10	**15 295 06,40 4**
421 421 01 10	**15 295 07,00 4**
421 421 02 10	**15 295 06,40 4**
421 421 03 10	**15 295 07,00 4**
421 421 05 10	**15 295 06,40 4**
421 421 06 10	**15 295 07,00 4**
421 421 65 10	**15 295 06,40 4**

...MERCEDES-BENZ BERAL	
463 423 00 10	**13 020 08,00 3**
463 423 01 10	**13 020 08,70 3**
463 423 02 10	**15 030 08,00 3**
463 423 03 10	**15 030 08,80 3**
488 421 00 10	**17 238 18,30 8**
488 421 01 10	**17 238 19,10 8**
497 421 00 10	**17 238 18,30 8**
497 421 01 10	**17 238 19,10 8**
582 903 220	**13 141 05,00 4**
601 423 00 10	**11 019 08,70 5**
601 423 03 10	**11 019 08,70 5**
601 423 06 10	**11 019 08,70 5**
601 423 09 10	**11 019 08,70 5**
601 423 12 10	**11 019 08,00 5**
601 423 13 10	**11 019 08,00 5**
601 423 17 10	**11 019 08,00 5**
601 423 18 10	**11 019 08,00 5**
601 423 19 10	**11 019 08,70 5**
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601 423 27 10	**11 019 08,70 5**
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601 423 61 10	**11 019 08,00 5**
601 423 62 10	**11 019 08,70 5**
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602 423 27 10	**13 020 08,70 3**
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602 423 31 10	**13 020 08,70 3**
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...MERCEDES-BENZ BERAL	
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602 423 61 10	**13 020 08,00 3**
602 423 62 10	**13 020 08,70 3**
602 423 63 10	**13 020 09,50 3**
602 423 64 10	**13 020 08,00 3**
602 423 65 10	**13 020 08,70 3**
602 430 15 22	**13 020 08,00 3**
603 420 02 20	**15 030 08,00 3**
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603 420 07 20	**15 030 08,00 3**
603 420 08 20	**15 030 08,00 3**
603 420 09 20	**15 030 08,80 3**
603 420 10 20	**15 030 08,80 3**
608 421 00 10	**13 141 05,00 4**
608 421 05 10	**13 141 05,00 4**
608 421 08 10	**13 141 05,00 4**
608 421 09 10	**13 141 05,00 4**
608 421 12 10	**13 141 05,00 4**
608 586 08 42	**13 141 05,00 4**
608 586 09 42	**13 141 05,00 4**
611 420 90 20	**15 030 08,00 3**
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611 423 01 10	**15 030 09,80 3**
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611 423 03 10	**15 030 08,80 3**
611 423 04 10	**15 030 09,80 3**
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611 423 07 10	**15 030 08,00 3**
611 423 10 10	**15 030 08,00 3**
611 423 11 10	**15 030 08,00 3**
611 423 12 10	**15 030 08,80 3**
611 423 13 10	**15 030 09,80 3**
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611 423 15 10	**15 030 08,80 3**
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611 423 24 10	**15 030 08,00 3**
611 423 25 10	**15 030 08,80 3**
611 423 30 10	**15 030 08,80 3**
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617 421 01 10	**19 494 18,30 8**
617 421 12 10	**17 682 17,00 8**
617 421 13 10	**17 682 18,30 8**
617 421 14 10	**17 682 19,10 8**
617 421 16 10	**17 682 17,00 8**
617 421 17 10	**17 682 18,30 8**
617 421 18 10	**17 682 19,10 8**
617 423 00 11	**17 682 18,30 8**
617 423 00 30	**19 496 17,00 8**

...MERCEDES-BENZ BERAL	
617 423 01 11	**17 682 19,10 8**
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617 423 02 30	**19 496 19,10 8**
617 423 03 11	**17 238 17,00 8**
617 423 04 11	**17 238 18,30 8**
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617 423 06 30	**19 496 18,30 8**
617 423 07 11	**19 494 17,00 8**
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617 423 08 11	**19 494 17,00 8**
617 423 08 30	**19 496 19,10 8**
617 423 09 10	**17 238 17,00 8**
617 423 09 11	**19 494 19,10 8**
617 423 10 10	**17 238 17,00 8**
617 423 12 10	**17 238 17,00 8**
617 423 17 30	**19 494 17,00 8**
617 423 18 30	**19 494 18,30 8**
617 423 19 11	**19 494 17,00 8**
617 423 19 30	**19 494 19,10 8**
617 423 20 11	**19 494 18,30 8**
617 423 21 11	**19 494 19,10 8**
617 423 21 30	**17 238 17,00 8**
617 423 22 10	**17 682 17,00 8**
617 423 22 30	**17 238 18,30 8**
617 423 23 10	**17 682 18,30 8**
617 423 23 30	**17 238 19,10 8**
617 423 24 10	**17 682 19,10 8**
617 423 26 10	**17 238 17,00 8**
617 423 26 30	**17 238 17,00 8**
617 423 27 10	**17 238 17,00 8**
617 423 30 10	**19 494 17,00 8**
617 423 31 10	**19 494 18,30 8**
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617 423 33 11	**19 496 18,30 8**
617 423 34 11	**19 496 19,10 8**
617 423 37 11	**19 496 19,10 8**
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617 423 43 10	**17 238 17,00 8**
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617 423 44 10	**17 238 18,30 8**
617 423 44 11	**17 238 18,30 8**
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617 423 45 11	**17 238 19,10 8**
617 423 47 10	**19 494 17,00 8**
617 423 47 11	**19 494 17,00 8**
617 423 48 10	**19 494 18,30 8**
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617 423 49 11	**19 494 19,10 8**
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617 423 60 10	**19 496 19,10 8**
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617 423 62 10	**19 496 17,00 8**
617 423 63 10	**17 238 17,00 8**
617 423 64 10	**17 238 17,00 8**
617 423 65 10	**17 238 18,30 8**
617 423 67 10	**19 494 17,00 8**
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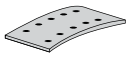
617 423 69 10	**19 494 19,10 8**

?OE → 

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617 423 82 11	**17 238 18,30 8**
617 423 83 10	**17 238 17,00 8**
617 423 84 10	**17 238 17,00 8**
617 423 85 10	**17 238 18,30 8**
617 423 86 10	**17 238 19,10 8**
617 423 89 10	**19 494 19,10 8**
617 723 31 11	**19 496 17,00 8**
621 421 02 10	**19 494 19,10 8**
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621 421 05 10	**19 494 18,30 8**
621 421 06 10	**19 494 19,10 8**
621 421 08 10	**19 494 17,00 8**
621 421 09 10	**19 494 18,30 8**
621 423 00 11	**19 494 17,00 8**
652 423 04 10	**17 238 17,00 8**
652 423 05 10	**17 238 18,30 8**
652 423 06 10	**17 238 18,30 8**
652 423 08 10	**19 494 17,00 8**
652 423 09 10	**19 494 18,30 8**
652 423 10 10	**19 494 19,10 8**
652 423 13 10	**19 495 18,30 8**
659 421 00 10	**17 238 17,00 8**
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659 421 08 10	**17 238 17,00 8**
659 421 09 10	**17 238 18,30 8**
659 421 10 10	**17 238 19,10 8**
659 421 13 10	**19 494 18,30 8**
659 421 16 10	**17 238 17,00 8**
659 421 17 10	**17 238 17,00 8**
659 421 18 10	**17 238 18,30 8**
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659 423 12 10	**19 496 17,00 8**
659 423 13 10	**19 496 18,30 8**
659 423 14 10	**19 496 19,10 8**
659 423 28 10	**19 496 18,30 8**
659 423 29 10	**19 496 19,10 8**
659 423 36 10	**19 496 18,30 8**
659 423 37 10	**19 496 17,00 8**
659 423 38 10	**19 496 19,10 8**
667 423 01 10	**15 030 08,00 3**
667 423 02 10	**15 030 08,00 3**
667 423 03 10	**15 030 09,80 3**
667 423 04 10	**15 030 09,80 3**
667 423 14 10	**15 030 08,00 3**
667 423 16 10	**15 030 09,80 3**
667 423 17 10	**15 030 09,80 3**
667 423 18 10	**15 030 08,00 3**
667 423 19 10	**15 030 08,80 3**
667 423 20 10	**15 030 09,80 3**
667 423 22 10	**15 030 08,00 3**
667 423 23 10	**15 030 08,80 3**
667 423 29 10	**15 030 08,00 3**
667 423 30 10	**15 030 08,00 3**
667 423 31 10	**15 030 08,80 3**
667 423 33 10	**15 030 08,00 3**
667 423 34 10	**15 030 08,80 3**
667 423 35 10	**15 030 09,80 3**
667 423 36 10	**15 030 09,80 3**
668 423 16 10	**15 059 09,30 3**
668 423 17 10	**15 059 09,30 3**
668 423 18 10	**15 059 10,20 3**
668 423 25 10	**17 351 09,30 3**
668 423 26 10	**17 351 10,20 3**
668 423 29 10	**17 350 09,30 3**
668 423 30 10	**17 350 10,20 3**
668 423 33 10	**15 059 09,30 3**

...MERCEDES-BENZ BERAL	
668 423 34 10	**15 059 10,20 3**
668 423 37 10	**17 351 09,30 3**
668 423 38 10	**17 351 10,20 3**
668 423 41 10	**17 350 09,30 3**
668 423 42 10	**17 350 10,20 3**
668 423 45 10	**15 059 09,30 3**
668 423 46 10	**15 059 10,20 3**
668 423 62 10	**15 059 09,30 3**
668 423 63 10	**15 059 10,20 3**
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670 423 15 11	**17 351 10,20 3**
670 423 20 10	**15 059 10,20 3**
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670 423 38 11	**15 059 09,30 3**
670 423 39 11	**15 059 09,30 3**
670 423 40 11	**15 059 10,20 3**
670 423 48 11	**17 351 10,20 3**
670 423 51 11	**17 351 09,30 3**
670 423 56 10	**15 059 10,20 3**
670 423 57 10	**15 059 09,30 3**
670 423 58 10	**15 059 09,30 3**
670 423 64 11	**17 351 10,20 3**
670 423 66 11	**17 351 10,20 3**
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670 423 68 11	**15 059 10,20 3**
670 423 69 10	**17 351 10,20 3**
670 423 76 11	**17 351 10,20 3**
670 423 87 10	**17 351 10,20 3**
670 423 98 10	**15 059 09,30 3**
670 423 99 10	**15 059 09,30 3**
673 421 03 31	**17 287 13,50 4**
673 421 04 31	**17 287 14,30 4**
673 421 07 31	**17 280 13,50 4**
673 421 08 31	**17 280 14,30 4**
673 421 11 31	**17 278 13,50 4**
673 421 12 31	**17 278 14,30 4**
673 421 15 31	**15 162 13,50 4**
673 421 16 31	**15 162 14,30 4**
673 421 23 31	**17 278 13,50 4**
673 421 24 31	**17 278 14,30 4**
673 421 27 31	**17 280 13,50 4**
673 421 28 31	**17 280 14,30 4**
673 421 31 31	**17 287 13,50 4**
673 421 32 31	**17 287 14,30 4**
673 421 35 30	**17 278 14,30 4**
673 421 58 10	**17 287 13,50 4**
673 421 59 10	**17 287 14,30 4**
673 421 62 10	**17 280 13,50 4**
673 421 63 10	**17 280 14,30 4**
673 421 66 10	**17 278 13,50 4**
673 421 67 10	**17 278 14,30 4**
673 421 70 10	**15 162 13,50 4**
673 421 71 10	**15 162 14,30 4**
673 421 76 10	**17 287 13,50 4**
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673 421 81 10	**17 280 14,30 4**
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674 421 12 30	**17 287 13,50 4**
674 421 13 30	**17 287 14,30 4**
674 421 16 30	**17 280 13,50 4**
674 421 20 30	**17 278 13,50 4**
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674 421 24 30	**15 162 13,50 4**
674 421 25 30	**15 162 14,30 4**

...MERCEDES-BENZ BERAL	
674 421 28 30	**17 287 13,50 4**
674 421 29 30	**17 287 14,30 4**
674 421 32 30	**17 280 13,50 4**
674 421 33 30	**17 280 14,30 4**
674 421 36 30	**17 278 13,50 4**
674 421 37 30	**17 278 14,30 4**
674 421 40 30	**15 162 13,50 4**
674 421 41 30	**15 162 14,30 4**
674 421 44 30	**17 287 13,50 4**
674 421 45 30	**17 287 14,30 4**
674 421 48 30	**17 280 13,50 4**
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675 421 34 30	**19 505 15,80 6**
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675 421 45 30	**19 505 15,80 6**
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675 421 83 10	**19 505 15,80 6**
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675 421 91 10	**19 505 15,80 6**
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676 421 08 10	**19 505 15,80 6**
676 421 09 10	**19 505 15,80 6**
676 421 10 10	**19 505 16,80 6**
676 421 20 10	**19 505 15,80 6**
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676 421 22 10	**19 505 16,80 6**
676 421 32 10	**19 505 15,80 6**
676 421 33 10	**19 505 15,80 6**
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A659 423 37 10 67	**19 496 17,00 8**
A659 423 38 10 67	**19 496 19,10 8**

MERITOR BERAL	
210.20.776	**19 604 14,80 6**
212.00.780 D	**19 604 15,80 6**
212.09.710	**19 908 18,10 6**
68371277NQT	**19 708 16,25 5**
68371366NQT	**17 017 16,00 8**
68371371NQT	**19 177 16,00 8**
68371378NQT	**15 879 16,50 8**

NEOPLAN BERAL	
0803 508 03	**19 849 17,55 6**
0804 500 40	**19 849 17,55 6**
0804 501 40	**19 849 17,55 6**

RABA BERAL	
03 092 18 11 0	**15 044 06,00 4**
03 092 20 21 0	**15 247 08,00 4**
03 092 22 34 0	**17 016 09,50 8**
03 092 22 35 0	**17 016 08,00 8**
974917	**11 084 05,00 4**
974919	**11 268 04,00 4**
980903	**15 247 08,00 4**

RENAULT TRUCKS BERAL	
3 700 049	**17 829 10,00 3**
5000 242 747	**19 494 17,00 8**
5000 242 748	**19 494 17,00 8**
5000 242 867/8	**19 494 17,00 8**
5000 243 220	**17 804 12,70 4**
5000 243 792	**19 622 12,70 4**
5000 288 506	**19 919 13,00 4**
5000 288 508	**19 935 18,50 8**
5000 288 509	**19 935 19,50 8**
5000 288 510	**19 463 13,50 4**
5000 288 511	**19 463 14,50 4**
5000 288 512	**19 934 18,50 8**
5000 288 513	**19 934 19,50 8**
5000 288 514	**19 049 12,50 3**
5000 288 515	**19 049 13,50 3**
5000 288 516	**17 829 10,00 3**
5000 288 518	**17 829 10,00 3**
5000 288 520	**17 831 10,00 3**
5000 288 522	**17 831 10,00 3**
5000 288 524	**19 255 17,50 3**
5000 288 525	**19 255 18,50 3**
5000 559 091	**17 827 12,50 3**
5000 559 160	**19 620 12,50 3**
5000 559 392	**17 829 10,00 3**
5000 559 441	**19 049 12,50 3**
5000 560 943	**17 827 13,50 3**
5000 560 944	**19 620 13,50 3**
5000 560 946	**17 804 13,70 4**
5000 560 984	**17 831 10,00 3**
5000 587 611	**19 620 13,50 3**
5000 793 121	**19 463 13,50 4**
5000 793 132	**19 463 14,50 4**
5000 809 636	**19 049 13,50 3**
5000 809 868	**19 919 13,00 4**
5000 811 113	**19 935 18,50 8**
5000 811 574	**19 935 18,50 8**
5000 811 877	**19 049 12,50 3**
5000 811 878	**19 463 13,50 4**
5000 811 881	**19 049 13,50 3**
5000 811 882	**19 463 14,50 4**
5000 812 335	**19 934 18,50 8**
5000 814 168	**19 934 19,50 8**
5000 814 169	**19 935 19,50 8**
5000 814 836	**19 032 17,80 8**
5000 814 837	**19 094 17,80 8**
5000 814 854	**19 049 12,50 3**
5000 814 855	**19 049 12,50 3**
5000 814 856	**19 049 13,50 3**
5000 814 857	**19 049 13,50 3**
5000 814 858	**19 463 13,50 4**
5000 814 859	**19 463 14,50 4**
5000 814 860	**19 049 12,50 3**
5000 814 861	**19 049 13,50 3**
5000 815 640	**19 255 17,50 3**
5000 816 057	**19 049 13,50 3**
5000 816 058	**19 049 12,50 3**
5000 819 160	**17 827 12,50 3**
5000 819 161	**19 620 12,50 3**
5000 819 162	**17 827 13,50 3**
5000 819 163	**19 620 13,50 3**
5000 819 683	**19 494 17,00 8**
5000 820 062	**19 934 19,50 8**
5000 820 063	**19 935 18,50 8**
5000 820 064	**19 935 19,50 8**
5000 821 135	**19 049 12,50 3**
5000 821 136	**19 463 13,50 4**
5000 821 730	**19 049 12,50 3**
5000 821 731	**19 049 13,50 3**

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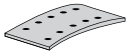

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5000 821 817	19 935 18,50 8
5000 821 818	19 935 19,50 8
5000 822 061	19 934 18,50 8
5000 822 062	19 934 19,50 8
5000 822 063	19 935 18,50 8
5000 822 064	19 935 19,50 8
5000 822 593	17 829 10,00 3
5000 822 595	17 831 10,00 3
5000 822 597	17 827 12,50 3
5000 822 598	17 827 13,50 3
5000 822 599	19 620 12,50 3
5000 822 604	19 255 18,50 3
5000 822 605	19 620 13,50 3
5000 823 538	19 934 18,50 8
5000 823 921	19 032 17,80 8
5000 823 922	19 094 17,80 8
5000 824 295	19 049 12,50 3
5000 824 296	19 049 13,50 3
5000 824 297	19 463 13,50 4
5000 824 298	19 463 14,50 4
5000 825 618	19 463 13,50 4
5000 916 058	19 049 12,50 3
5001 019 222	19 187 18,50 8
5001 823 240	19 187 18,50 8
5001 823 241	19 187 19,50 8
5001 825 619	19 463 14,50 4
5001 825 620	19 049 12,50 3
5001 825 621	19 049 13,50 3
5001 825 627	19 255 17,50 3
5001 825 629	19 255 18,50 3
5001 826 722	19 604 14,80 6
5001 831 229	17 804 12,70 4
5001 831 231	19 622 12,70 4
5001 836 920	19 919 13,00 4
5001 855 104	19 934 18,50 8
5001 855 105	19 934 19,50 8
5001 855 106	19 935 18,50 8
5001 855 107	19 935 19,50 8
5001 855 122	19 187 18,50 8
5001 855 123	19 187 19,50 8
5001 855 146	19 187 18,50 8
5001 860 032	19 935 18,50 8
5001 860 048	19 187 18,50 8
7701 010 167	19 049 12,50 3
7701 010 168	19 049 13,50 3
7701 010 593	19 049 12,50 3
7701 010 594	19 049 13,50 3

SAE	BERAL
06905-057	19 405 11,50 8
07109-048	19 094 17,80 8
07112-095	19 405 11,50 8
07412-033	15 799 11,50 8
07702-025	15 247 08,00 4
07802-022	19 762 15,90 6
07802-041	19 760 15,90 6
07802-043	17 897 15,80 6
08803-050	19 762 16,90 6
08804-171	15 799 12,80 8
09012-300	15 799 11,50 8
09012-301	17 897 15,80 6
09012-302	19 760 15,90 6
09012-303	19 762 15,90 6

...SAE	BERAL
09104-100	15 799 11,50 8
09104-120	17 897 15,80 6
09104-130	17 897 15,80 6
09104-140	19 760 15,90 6
09104-160	19 762 15,90 6
09191-004	19 574 17,00 8
09291-004	19 574 17,00 8
09291-029	19 574 17,00 8
09291-030	19 574 19,00 8
09291-032	19 902 17,00 6
09291-035	19 902 17,00 6
09291-036	19 902 19,00 6
09291-044	17 347 17,00 8
09291-045	17 347 19,00 8
09291-046	17 347 19,00 8
09317-084	19 574 17,00 8
09317-085	19 574 19,00 8
09317-086	19 902 17,00 6
09317-087	19 902 19,00 6
09317-168	17 347 17,00 8
09317-169	17 347 19,00 8

SAF	BERAL
1 057 0012 00	19 032 17,50 8
1 057 0012 10	19 032 19,00 8
1 057 0012 20	19 032 20,00 8
1 057 0013 00	19 094 17,50 8
1 057 0013 10	19 094 19,00 8
1 057 0013 20	19 094 20,00 8
1 057 0024 00	19 515 15,70 6
1 057 0024 10	19 515 16,80 6
1 057 0024 20	19 515 17,20 6
1 057 0025 00	19 515 15,70 6
1 057 0025 10	19 515 16,80 6
1 057 0025 20	19 515 17,20 6
1 057 0033 00	19 517 15,70 6
1 057 0033 10	19 517 16,80 6
1 057 0033 20	19 517 17,20 6
1 057 0034 00	19 517 15,70 6
1 057 0034 10	19 517 16,80 6
1 057 0034 20	19 517 17,20 6
1 057 0044 00	19 892 18,00 6
1 057 0044 10	19 892 19,20 6
1 057 0044 20	19 892 19,60 6
1 057 0058 00	15 077 16,00 8
1 057 0058 10	15 077 17,00 8
1 057 0060 00	19 283 20,60 6
1 057 0060 10	19 283 21,60 6
1 057 0060 20	19 283 22,60 6
1 057 0061 00	19 283 20,60 6
1 057 0061 10	19 283 21,60 6
1 057 0061 20	19 283 22,60 6
1 057 0066 00	19 477 20,60 6
1 057 0066 10	19 477 21,60 6
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1 057 0067 00	19 477 20,60 6
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1 057 0068 00	19 479 20,60 6
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1 057 0069 00	19 479 20,60 6
1 057 0069 10	19 479 21,60 6
1 057 0070 00	19 490 20,60 6
1 057 0070 10	19 490 21,60 6
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1 057 2538 00	17 377 18,00 8

...SAF	BERAL
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1 057 2538 20	17 377 20,00 8
1 057 2844 00 5	19 892 18,00 6
1 057 3012 00	19 032 17,50 8
1 057 3012 10	19 032 19,00 8
1 057 3012 20	19 032 20,00 8
1 057 3013 00	19 094 17,50 8
1 057 3013 10	19 094 19,00 8
1 057 3013 20	19 094 20,00 8
1 057 3024 00	19 515 15,70 6
1 057 3024 20	19 515 17,20 6
1 057 3024 40	19 515 16,80 6
1 057 3025 00	19 515 15,70 6
1 057 3025 20	19 515 17,20 6
1 057 3033 00	19 517 15,70 6
1 057 3033 10	19 517 16,80 6
1 057 3033 20	19 517 17,20 6
1 057 3034 00	19 517 15,70 6
1 057 3044 00	19 892 18,00 6
1 057 3044 10	19 892 19,20 6
1 057 3044 20	19 892 19,60 6
1 057 3058 00	15 077 16,00 8
1 057 3058 10	15 077 17,00 8
1 057 3060 00	19 283 20,60 6
1 057 3060 10	19 283 21,60 6
1 057 3060 20	19 283 22,60 6
1 057 3061 00	19 283 20,60 6
1 057 3061 10	19 283 21,60 6
1 057 3061 20	19 283 22,60 6
1 057 3066 00	19 477 20,60 6
1 057 3066 10	19 477 21,60 6
1 057 3066 20	19 477 22,60 6
1 057 3067 00	19 477 20,60 6
1 057 3067 10	19 477 21,60 6
1 057 3067 20	19 477 22,60 6
1 057 3069 00	19 479 20,60 6
1 057 3069 10	19 479 21,60 6
1 057 3070 00	19 490 20,60 6
1 057 3071 10	19 490 21,60 6
1 057 3124 00	19 515 15,70 6
1 057 3124 10	19 515 16,80 6
1 057 3124 20	19 515 17,20 6
1 057 3125 00	19 515 15,70 6
1 057 3125 10	19 515 16,80 6
1 057 3125 20	19 515 17,20 6
1 057 3134 00	19 517 15,70 6
1 057 3135 00	19 517 15,70 6
1 057 3143 00	19 892 18,00 6
1 057 3143 10	19 892 19,20 6
1 057 3166 00	19 477 20,60 6
1 057 3167 00	19 477 20,60 6
1 057 3169 00	19 479 20,60 6
1 057 3170 00	19 490 20,60 6
1 057 3171 00	19 490 20,60 6
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1 057 9971 10	19 490 21,60 6
3 057 2412 00	19 032 17,50 8
3 057 2413 00	19 094 17,50 8
3 057 3012 00	19 032 17,50 8
3 057 3012 10	19 032 19,00 8
3 057 3012 20	19 032 20,00 8
3 057 3013 00	19 094 17,50 8
3 057 3013 10	19 094 19,00 8
3 057 3013 20	19 094 20,00 8
3 057 3058 00	15 077 16,00 8
3 057 3058 10	15 077 17,00 8

...SAF	BERAL
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3 057 3060 10	19 283 21,60 6
3 057 3060 20	19 283 22,60 6
3 057 3066 00	19 477 20,60 6
3 057 3124 00	19 515 15,70 6
3 057 3124 10	19 515 16,80 6
3 057 3124 20	19 515 17,20 6
3 057 3133 00	19 517 15,70 6
3 057 3133 10	19 517 16,80 6
3 057 3133 20	19 517 17,20 6
3 057 3143 00	19 892 18,00 6
3 057 3143 10	19 892 19,20 6
3 057 3143 20	19 892 19,60 6
3 057 3168 00	19 479 20,60 6
3 057 3168 10	19 479 21,60 6
3 057 3170 00	19 490 20,60 6
3 057 3170 10	19 490 21,60 6
3 057 3912 00	19 032 17,80 8
3 057 3912 10	19 032 19,00 8
3 057 3912 20	19 032 20,00 8
3 057 3913 00	19 094 17,80 8
3 057 3913 10	19 094 19,00 8
3 057 3913 20	19 094 20,00 8
3 057 3924 00	19 515 15,70 6
3 057 3924 10	19 515 16,80 6
3 057 3924 20	19 515 17,20 6
3 057 3960 00	19 283 20,60 6
3 057 3960 10	19 283 21,60 6
3 057 3960 20	19 283 22,60 6
3 057 3966 00	19 477 20,60 6
3 057 3966 10	19 477 21,60 6
3 057 3966 20	19 477 22,60 6
3 057 3970 00	19 490 20,60 6
3 057 3970 10	19 490 21,60 6

SCANIA	BERAL
110 9003	19 932 19,00 4
133 460	17 161 19,00 8
153 5247	17 991 19,00 4
153 5248	19 931 19,00 4
153 5249	19 932 19,00 4
153 5250	19 933 19,00 4
153 5253	19 932 19,00 4
162 869	19 075 19,00 8
162 978	17 161 19,00 8
181 814	19 393 19,00 8
385 948	19 931 19,00 4
385 949	19 932 19,00 4
385 950	19 933 19,00 4
551 009	19 075 19,00 8
551 010	17 161 19,00 8
551 029	19 393 19,00 8
551 039	19 393 19,00 8
551 046	19 647 19,00 8
551 048	19 647 19,00 8
551 053	19 393 19,00 8
551 057	17 161 19,00 8
551 058	19 075 19,00 8
551 059	19 393 19,00 8
551 060	19 393 21,00 8
551 063	19 393 21,00 8
551 123	19 931 19,00 4
551 124	19 932 19,00 4
551 125	19 933 19,00 4
551 136	17 991 19,00 4
551 137	19 931 19,00 4
551 138	19 932 19,00 4

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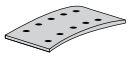

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551 161	19 931 19,00 4
551 162	19 932 19,00 4
551 163	19 933 19,00 4
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551 166	19 932 20,00 4
551 167	19 933 20,00 4
551 169	19 075 19,00 8
551 170	19 393 19,00 8
551 171	19 647 19,00 8
551 172	17 161 20,00 8
551 173	19 075 20,00 8
551 174	19 393 20,00 8
551 175	19 647 20,00 8
551 180	19 933 19,00 4
551 192	19 932 19,00 4
552 114	19 932 19,00 4
552 116	19 933 19,00 4
75 1010	17 161 19,00 8
751 011	19 393 19,00 8
751 012	19 393 19,00 8
751 039	19 393 19,00 8
751009	19 075 19,00 8

SETRA	BERAL
8 285 079 350	17 742 16,00 6
8 285 079 352	17 742 17,00 6
8 285 196 110	19 849 17,55 6
8 285 196 112	19 849 18,55 6
8 285 196 294	19 849 19,55 6
8 285 232 219	19 849 17,55 6
8 285 232 220	19 849 18,55 6
8 285 232 221	19 849 17,55 6
8 285 232 222	19 849 18,55 6
8 285 232 296	19 849 19,55 6
8 285 232 297	19 849 19,55 6
8 285 232 309	19 849 17,55 6
8 285 232 314	19 849 18,55 6
8 285 350 373	19 849 17,55 6
8 285 350 375	19 849 19,55 6
8 285 364 377	19 849 17,55 6
8 285 364 379	19 849 18,55 6
8 285 364 381	19 849 19,55 6
8 285 506 606	19 699 17,55 5
8 285 508 605	19 699 17,55 5
8 919 920 576 4	19 712 18,10 6

SISU	BERAL
546-360-3013	19 146 19,80 6
546-360-3113	19 217 19,80 6
546-360-3113 +1	19 217 20,80 6
546-360-3213	19 144 19,80 6
546-361-6013	19 146 19,80 6
546-361-6113	19 146 19,80 6
546-361-6213	19 217 19,80 6
546-361-6213 +1	19 217 20,80 6
546-361-6313	19 217 19,80 6
546-361-6313 +1	19 217 20,80 6
546-361-6413	19 144 19,80 6
546-361-6513	19 144 19,80 6

STEYR	BERAL
185 34 701	15 098 08,00 4
190 44 0707	15 150 07,00 4
190.44.0708	15 174 07,00 4

...STEYR	BERAL
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390.44.0725	15 044 06,00 4
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590 00 34 0747	17 635 13,00 3
590 00 44 0007	17 408 09,00 3
590 00 44 0707	17 408 08,00 3
590.00.34.0045	17 635 12,00 3
590.00.34.0714	17 635 12,00 3
590.00.34.0715	17 635 12,00 3
590.00.44.0008	17 408 08,00 3
592 00 34 0706	19 821 12,00 3
592 00 34 0707	19 821 12,00 3
690 00 34 0081	17 688 12,10 4
690.00.44.0049	17 758 08,10 4
691.00.44.0001	17 758 08,10 4
691.00.44.0002	17 758 08,10 4
691.00.44.0708	17 758 08,10 4
691.00.44.0709	17 758 08,10 4
692 00 34 0002	19 821 12,00 3
7 G 3332	17 285 10,00 8
7 G 3332 A	17 285 11,00 8
780 44 0057	17 248 12,00 4
780 44 727	17 248 12,00 4
780 44 733	17 248 12,00 4
892 00 34 0825	19 071 18,30 8
990 00 34 0025	19 246 16,00 8
990 00 34 0069	19 246 16,00 8
991 12 34 0038	19 246 16,00 8
991 12 34 0061	19 246 15,00 8
991 12 34 0704	19 246 16,00 8
991 12 34 0705	19 246 15,00 8
991 12 44 0701	19 245 15,00 6

VANHOOL	BERAL
633 107 220	19 712 19,10 6

VOLVO	BERAL
150 46 34	17 664 19,00 6
150 46 37	17 664 19,00 6
150 46 43	19 560 19,00 6
150 46 44	19 560 19,00 6
150 46 45	19 560 20,00 6
150 46 46	19 560 20,00 6
150 46 52	19 467 19,00 6
150 46 53	19 467 19,00 6
150 46 61	19 562 19,00 6
150 46 62	19 562 19,00 6
270 536-6	17 664 19,00 6
270 538-2	19 560 19,00 6
270 539-0	19 560 20,00 6
270 540-8	19 467 19,00 6
270 542-4	19 562 19,00 6
270 543-2	19 562 20,00 6
270 544-0	19 799 19,00 6
270 545-7	19 799 20,00 6
270 830-3	17 992 18,30 8
270 831-1	17 992 19,30 8
270 832-9	19 941 18,30 8
270 833-7	19 941 19,30 8
270 834-5	19 090 18,30 8
270 836-1	19 071 18,30 8
270 838-6	19 068 18,30 8
270 936-8	17 992 18,30 8
270 937-6	17 992 19,30 8
270 938-4	19 941 18,30 8
270 939-2	19 941 19,30 8

...VOLVO	BERAL
270 940-0	19 090 18,30 8
270 942-6	19 071 18,30 8
270 944-2	19 068 18,30 8
270 972-3	19 941 18,30 8
270 973-1	19 941 19,30 8
270 974-9	19 090 18,30 8
270 976-5	19 071 18,30 8
270 978-1	19 068 18,30 8
271 102-6	19 384 18,15 5
271 103-4	19 384 19,15 5
271 138-0	19 885 19,00 6
271 249-5	19 384 18,15 5
271 250-3	19 384 19,15 5
272 047-8	19 562 20,00 6
272 515-0	17 664 19,00 6
272 515-8	17 664 19,00 6
272 516-6	19 467 19,00 6
272 522-4	19 560 19,00 6
272 523-2	19 562 19,00 6
272 528-1	19 560 19,00 6
272 529-9	19 562 19,00 6
272 545-5	17 664 19,00 6
272 547	19 467 19,00 6
272 549	19 560 19,00 6
272 549-7	19 560 19,00 6
272 550-5	19 560 20,00 6
272 551	19 562 19,00 6
272 552	19 562 20,00 6
272 584-4	19 560 20,00 6
272 585-1	19 562 20,00 6
272 614-9	17 827 12,50 3
272 621-4	19 620 12,50 3
272 649-5	17 829 10,00 3
272 651-1	17 831 10,00 3
272 652	17 831 10,00 3
272 672-7	19 560 20,00 6
272 693-3	17 664 19,00 6
272 694-1	19 560 19,00 6
272 695	19 467 19,00 6
272 696	19 562 19,00 6
272 710-5	19 799 19,00 6
272 711-3	19 799 20,00 6
272 714-7	17 804 12,70 4
272 715-5	17 804 13,70 4
272 716-3	19 622 12,70 4
272 734-5	19 467 19,00 6
272 736-0	19 562 19,00 6
272 737-8	19 562 20,00 6
272 743-6	19 560 20,00 6
272 744-4	19 467 19,00 6
272 746-9	19 562 19,00 6
272 747-7	19 562 20,00 6
272 748-5	19 799 19,00 6
272 749-3	19 799 20,00 6
272 785-7	17 664 19,00 6
272 787-3	19 467 19,00 6
272 806-1	19 885 19,00 6
272 849-1	19 384 19,15 5
272 850-9	19 384 20,15 5
272 888-9	19 560 19,00 6
272 889-7	19 560 20,00 6
272 890-5	19 467 19,00 6
272 892-1	19 562 19,00 6
272 893-9	19 562 20,00 6
272 894-7	19 799 19,00 6
272 895-4	19 799 20,00 6
272-886-3	19 885 19,00 6
275 990-0	17 992 18,30 8
275 991-8	17 992 19,30 8

...VOLVO	BERAL
275 992-6	19 941 18,30 8
275 993-4	19 941 19,30 8
276 040-3	17 664 19,00 6
276 042-9	19 560 19,00 6
276 043-7	19 560 20,00 6
276 044-5	19 467 19,00 6
276 046-0	19 562 19,00 6
276 048-6	19 799 19,00 6
276 049-4	19 799 20,00 6
276 050-2	19 885 19,00 6
3090 044-3	19 542 19,20 8
3090 045-0	19 542 20,20 8
3090 343-9	17 992 18,30 8
3090 344-7	17 992 19,30 8
3090 345-4	19 941 18,30 8
3090 346-2	19 941 19,30 8
3091 274-5	17 664 19,00 6
3091 276-0	19 560 19,00 6
3091 277-8	19 560 20,00 6
3091 278-6	19 467 19,00 6
3091 280-2	19 562 19,00 6
3091 281-0	19 562 20,00 6
3091 282-8	19 799 19,00 6
3091 283-6	19 799 20,00 6
3091 284-4	19 885 19,00 6
3091 452-7	17 992 18,30 8
3091 453-5	17 992 19,30 8
3091 454-3	19 941 18,30 8
3091 455-0	19 941 19,30 8
3091 488	17 357 14,80 6
3091 581	19 068 18,30 8
3091438	19 758 14,80 6
3093 259	19 071 18,30 8
3093 261	19 068 18,30 8
3093 265	19 068 18,30 8
3095 163	17 992 18,30 8
3095 164	17 992 19,30 8
3095 165	19 941 18,30 8
3095 166	19 941 19,30 8
3095 167	19 090 18,30 8
3095 168	19 090 19,30 8
3095 169	19 071 18,30 8
3095 170	19 071 19,30 8
3095 171	19 068 18,30 8
3095 172	19 068 19,30 8
3095 173	17 992 18,30 8
3095 175	19 941 18,30 8
3095 177	19 090 18,30 8
3095 178	19 090 19,30 8
3095 179	19 071 18,30 8
3095 180	19 071 19,30 8
3095 181	19 068 18,30 8
3095 182	19 068 19,30 8
3097 167-5	19 467 19,00 6
3097 168-3	19 562 19,00 6
3097 169-1	19 799 19,00 6
3097 171-7	19 562 20,00 6
3097 172-5	19 799 20,00 6
3097 175	17 664 19,00 6
3097 177	19 560 19,00 6
3097 178	19 560 20,00 6
3097435	19 758 14,80 6
3098 266	19 068 18,30 8
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351 330	17 664 19,00 6
351 431	19 560 19,00 6
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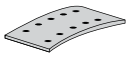
BERAL®

?OE → 

VW	BERAL
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291 698 135 A	15 775 07,00 4
291 698 135 B	15 775 07,00 4
291 698 135 D	15 775 07,00 4

ZF PARTS	BERAL
0501 298 218	19 699 17,55 5
0501 298 219	19 699 18,55 5
0501 298 258	19 712 19,10 6
0501 298 259	19 699 19,55 5
0501 298 274	19 712 18,10 6
0501 313 193	19 712 19,10 6
0501 313 194	19 712 19,10 6

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BOVA	BERAL
0299095	FCR100A
204 552	29 179 30,00 4
204566	BCR114A
234 110	BCR168A
44202220	29 179 30,00 4
B204556	BCR282A
B221412	BCR168A
II18822	BCR168A

BPW	BERAL
02.0312.14.00	29 179 30,00 4
02.0312.15.00	29 197 30,00 4
02.0312.16.00	29 197 30,00 4
02.0312.17.00	29 179 30,00 4
03.088.34.02.0	BCR193A
03.088.34.03.0	BCR206A
03.088.34.03.7	BCR206A
03.088.34.04.0	BCR205A
03.088.34.04.7	BCR205A
03.088.34.06.0	BCR193A
03.088.34.06.7	BCR193A
03.088.34.08.0	BCR210A
03.088.34.08.7	BCR210A
03.088.34.10.0	BCR252A
03.088.34.10.7	BCR252A
03.088.34.13.0	BCR253A
03.088.34.13.7	BCR253A
03.088.35.01.0	BCR172A
03.088.35.03.0	BCR176A
03.088.35.03.7	BCR176A
03.088.35.05.0	BCR222A
03.088.35.05.7	BCR222A
05.092.90.05.0	29 165 30,00 4
05.092.90.06.0	29 171 30,00 4
05.092.90.07.0	29 167 30,00 4
05.092.90.08.0	29 171 30,00 4
05.092.90.09.0	29 167 30,00 4
05.092.90.10.0	29 165 30,00 4
05.362.70.01.0	29 179 30,00 4
05.362.70.02.0	29 179 30,00 4
09.801.02.20.0	29 179 30,00 4
09.801.02.57.0	29 179 30,00 4
09.801.02.75.0	29 197 30,00 4
09.801.02.92.0	29 179 30,00 4
09.801.02.93.0	29 197 30,00 4
09.801.06.20.0	29 179 30,00 4
09.801.06.21.0	29 197 30,00 4
09.801.06.36.0	29 179 30,00 4
09.801.06.43.0	29 165 30,00 4
09.801.06.44.0	29 171 30,00 4
09.801.06.45.0	29 167 30,00 4
09.801.06.95.0	29 171 30,00 4
09.801.06.96.0	29 167 30,00 4
09.801.07.07.0	29 183 27,00 3
09.801.07.24.0	29 165 30,00 4
09.801.07.26.0	29 171 30,00 4
09.801.07.28.0	29 167 30,00 4

BREDAMENARINIBUS	BERAL
192543	BCR177A
0543541	FCR123A
543541	FCR123A

DAF	BERAL
114 2086	FCR283A
114 2132	FCR284A
123 8372	FCR100A
138 7439	BCR225A
140 0069	BCR257A
140 0163	BCR255A
140 0273	BCR226A
140 0284	BCR258A
140 3758	BCR256A
140 8253	BCR256A
140 8254	BCR26A
140 8671	BCR256A
140 8672	BCR226A
143 6901	29 088 26,00 4
143 9324	29 179 30,00 4
144 0504	29 142 30,00 4
161 7343	29 179 30,00 4
1628064	29 159 30,00 4
164 0561	BCR225A
179 7053	29 179 30,00 4
299 095	FCR100A
68323004	UAI168
AMPA 014	BCR151A
AMPA 694	29 077 27,00 3
AMPB 481	BCR151A
AMPB 860	BCR151A
AMPB 889	BCR101A
BBU 8177	29 077 27,00 3
MAK 2487	FCR102A
MAK 7529	BCR101A
NJK 2785	BCR151A
PA 3546	FCR102A
PAK 3545	BCR101A
PAK 3546	BCR101A
PAK 3546	FCR102A
PAK 5513	BCR101A
RAK 7404	BCR101A

DENNIS	BERAL
653565	FCR285A
655750	FCR286A
65851737	FCR288A
659742-1	29 159 30,00 4

ERF	BERAL
MBR 9005	FCR290A
MBR 9006	FCR289A

EVOBUS	BERAL
68320820	BCR114A
501313313	BCR114A
2069432001	BCR114A
1792411111131	BCR113A
1792411111310	BCR113A
1792411111131B	BCR113A
351605	BCR113A
8 150 811 0004	UAI108
8 282 388 4510	UAI108
8 285 388 451	UAI103
8 285 388 451	UAI107
8 285 390 000	BCR114A
92411111-3	BCR113A

FORD	BERAL
6 172 906	BCR112A

FRUEHAUF	BERAL
AJN00018	29 154 30,00 4
M100659	29 154 30,00 4
M910001-01	29 197 30,00 4
M910027-03	29 120 30,00 4
M910027-04	29 143 30,00 4
M910045-02	29 179 30,00 4

GIGANT	BERAL
9267035	FCR293A
9267066	FCR294A
93327	29 207 30,00 4

INBUS	BERAL
13162006	FCR138A
5001092	FCR138A

IVECO	BERAL
42063700	BCR136A
42546401	BCR313A
504079365	BCR313A
504080994	BCR313A
504121605	BCR314A
504121612	BCR317A
504121723	BCR329A
0504134958	BCR244A
190 3383	29 040 18,00 3
190 3651	UAI125
190 3651	UAI173
190 4531	BCR104A
190 4532	BCR108A
190 4533	FCR149A
190 4534	BCR109A
190 4534	FCR109A
190 4535	FCR135A
190 4692	BCR234A
190 4693	BCR133A
190 6040	29 012 18,00 3
190 6070	29 024 23,00 3
190 6155	21 188 18,30 3
190 6158	29 038 18,30 3
190 6159	29 041 18,30 4
190 6170	29 032 25,00 4
190 6183	29 001 20,00 3
190 6183	29 001 20,00 4
190 6191	29 011 25,00 4
190 6206	21 188 18,30 3
190 6216	29 018 28,00 4
190 6243	29 040 18,00 3
190 6344	29 017 23,00 4
190 6345	29 017 23,00 4
190 6416	29 122 22,00 4
190 6427	29 001 20,00 3
190 6427	29 107 20,00 3
190 6427	29 107 20,00 4
190 6430	29 012 18,00 3
190 6438	BCR173A
190 6439	29 196 30,00 4
190 6459	29 011 25,00 4
190 6461	BCR173A
190 6462	UAI176
190 6466	BCR237A

...IVECO	BERAL
190 6468	UAI126
190 6469	BCR180A
190 7526	BCR106A
190 7527	BCR106A
190 7527	FCR231A
190 7528	BCR105A
190 7528	FCR157A
190 7528	FCR233A
190 7529	BCR105A
190 7529	FCR157A
190 7530	BCR106A
190 7530	FCR232A
190 7568	BCR110A
190 7569	BCR111A
190 7631	BCR132A
190 7631	FCR251A
190 7725	BCR105A
190 7725	FCR157A
190 7726	BCR106A
190 7764	BCR136A
190 7764	FCR136A
190 7765	BCR107A
190 7920	FCR149A
190 7942	UAI106
190 7956	UAI110
190 8231	UAI105
190 8407	UAI115
190 8577	FCR233A
190 8578	FCR232A
190 8614	BCR132A
190 8614	FCR251A
190 8729	BCR132A
190 8729	FCR251A
190 8772	BCR139A
190 8773	BCR140A
190 8825	UAI119
1906 467	29 088 26,00 4
299 1646	BCR195A
299 2271	BCR238A
299 2291	BCR239A
299 2336	29 197 30,00 4
299 2348	29 196 30,00 4
299 2470	BCR173A
299 2476	29 179 30,00 4
299 2477	BCR254A
299 2635	BCR307A
299 2636	BCR308A
299 2666	UAI160
299 2669	29 150 30,00 4
299 4086	29 121 17,30 4
299 5552	29 150 30,00 4
299 5553	UAI170
299 5631	29 121 17,30 4
299 5633	29 121 20,30 4
299 5637	29 179 30,00 4
299 5702	BCR319A
299 5702	FCR319A
299 5812	BCR318A
299 5819	29 179 30,00 4
299 5894	BCR319A
299 5894	FCR319A
299 6009	BCR341A
299 6010	BCR322A
299 6027	BCR316A
299 6028	BCR315A
299 6033	BCR320A
299 6043	BCR321A
299 6049	BCR332A

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...IVECO	BERAL
299 6091	29 121 17,30 4
299 6121	BCR317A
299 6122	BCR329A
299 6131	BCR314A
299 6327	BCR254A
299 6328	BCR318A
299 6353	BCR244A
299 6378	29 179 30,00 4
299 6418	BCR342A
299 6419	BCR338A
299 6468	29 197 30,00 4
299 6515	29 179 30,00 4
299 6515	29 253 30,00 4
299 6518	29 256 27,00 4
299 6520	29 256 27,00 4
4203 7120	FCR149A
4206 3700	FCR136A
4206 4658	FCR135A
4211 6227	FCR149A
4247 0836	BCR194A
4247 0841	29 123 20,30 4
4247 0842	BCR139A
4247 1034	BCR196A
4247 1111	BCR140A
4247 1150	BCR236A
4247 1214	BCR235A
425 35 791	29 121 20,30 4
425 36 101	29 160 20,30 4
4253 5770	29 075 20,00 6
4253 6300	29 186 20,00 6
4253 6301	29 186 20,00 6
42530550	UAI208
42532204	UAI209
42536144	UAI207
42536956	UAI126
42539439	UAI210
42548195	FWI306
42548209	FWI305
42555634	FWI303
42556205	FWI305
42559191	UAI177
42559192	UAC164
5 003 6590	BCR194A
500054632	29 253 30,00 4
504267884	BCR343A
54134958	BCR244A
716 8368	BCR108A
717 1255	BCR107A
717 1274	BCR108A
717 2018	BCR106A
717 2078	BCR106A
717 2882	BCR111A
717 2930	BCR110A
717 3036	BCR105A
717 3317	BCR251A
717 3317	FCR251A
717 9778	BCR173A
718 0111	BCR251A
718 0111	FCR251A
718 2299	BCR195A
718 2300	BCR196A
718 2305	BCR173A
718 2874	BCR236A
718 3632	BCR237A
718 3776	BCR239A
718 4077	BCR307A
718 4078	BCR308A
718 4081	BCR240A

...IVECO	BERAL
718 4081	FCR240A
718 4082	BCR241A
718 4082	FCR241A
718 4136	BCR254A
718 5503	BCR318A
718 6309	BCR316A
718 6485	BCR321A
718 7541	BCR319A
718 7541	FCR319A
718 7567	BCR322A
718 7569	BCR341A
718 8080	BCR315A
718 8210	BCR320A
718 9265	BCR338A
718 9456	BCR342A
718 9476	BCR318A
7180 2560	BCR140A
812 4117	BCR109A
812 4117	FCR109A
858 4182	BCR104A
9316 1314	29 075 20,00 6
9316 1407	BCR179A
93193778	UAI211
9381 4391	BCR133A
9381 4402	BCR133A
9382 1918	BCR139A
9945 6377	BCR180A
99476098	29 196 30,00 4

KAROSA	BERAL
5.801109196e+011	FCR198A

LEYLAND	BERAL
BBU 8177	29 017 23,00 4
MAK 2487	FCR102A
PA 3546	FCR102A

MAN	BERAL
81 25937 0022	UAI206
81 25937 0026	UAI205
81 25937 6011	UAI205
81 25937 6012	UAI206
81 50803 0001	BCR143A
81 50803 0009	BCR144A
81 50803 0010	BCR143A
81 50803 0014	BCR144A
81 50803 0015	BCR144A
81 50803 0020	BCR147A
81 50803 0021	BCR215A
81 50803 0022	BCR148A
81 50803 0023	BCR181A
81 50803 0026	BCR146A
81 50803 0027	BCR147A
81 50803 0028	BCR161A
81 50803 0031	BCR181A
81 50803 0038	BCR181A
81 50803 0039	BCR216A
81 50803 0040	BCR214A
81 50803 0041	BCR215A
81 50803 0042	BCR330A
81 50803 0044	BCR331A
81 50803 0046	BCR214A
81 50803 0048	BCR161A
81 50803 0053	BCR330A
81 50803 0054	BCR272A

...MAN	BERAL
81 50803 0057	BCR147A
81 50803 0061	BCR148A
81 50803 0062	BCR272A
81 50803 0063	BCR272A
81 50804 5088	29 053 30,00 4
81 50820 5025	29 088 26,00 4
81 50820 5072	29 156 30,00 4
81 50820 5073	29 156 30,00 4
81 50820 5080	29 156 30,00 4
81 50820 5082	29 197 30,00 4
81 50820 5088	29 053 30,00 4
81 50820 5091	29 210 28,00 4
81 50820 5092	29 053 30,00 4
81 50820 5094	29 197 30,00 4
81 50820 5098	29 197 30,00 4
81 50820 5099	29 179 30,00 4
81 50820 5104	29 179 30,00 4
81 50820 6009	29 055 22,00 4
81 50820 6020	29 088 26,00 4
81 50820 6026	29 053 30,00 4
81 50820 6030	29 179 30,00 4
81 50820 6042	29 088 26,00 4
81 50820 6043	29 183 27,00 3
81 50820 6044	29 210 28,00 4
81 50820 6045	29 053 30,00 4
81 50820 6046	29 210 28,00 4
81 50820 6047	29 053 30,00 4
81 50820 6051	29 156 30,00 4
81 50820 6052	29 156 30,00 4
81 50820 6054	29 183 27,00 3
81 50820 6056	29 179 30,00 4
81 50820 6056	29 253 30,00 4
81 50820 6059	29 197 30,00 4
81 50820 6060	29 197 30,00 4
81 50820 6061	29 179 30,00 4
81 50822 6011	UAI161
81 50822 6012	UAI162
81 50822 6014	UAI150
81 50822 6015	UAI132
81 50822 6016	UAI161
81 50822 6017	UAI162
81 50822 6029	UAI132

MCW	BERAL
X1857658	BCR122A
X2057948	BCR122A

MENARINI	BERAL
0199247	29 063 21,50 4
0254625	29 150 30,00 4
254625	29 150 30,00 4
254626	UAI170

MERCEDES	BERAL
9015400117	FWI246
000 420 75 20	29 581 15,00 4
000 420 97 20	23 021 18,60 4
000 421 05 10	29 179 30,00 4
000 421 08 10	29 197 30,00 4
000 421 11 10	29 183 27,00 3
000 421 18 10	29 179 30,00 4
000 421 24 10	21 621 17,00 3
000 421 43 10	29 179 30,00 4
000 421 50 10	29 197 30,00 4
000 421 51 10	29 197 30,00 4

...MERCEDES	BERAL
000 423 66 10	29 179 30,00 4
000 423 71 10	29 076 20,00 4
001 420 09 20	29 581 15,00 4
001 420 14 20	29 784 18,00 4
001 420 15 20	FVR501
001 420 92 20	29 581 15,00 4
001 586 63 42	29 581 15,00 4
002 420 13 20	29 764 20,30 6
002 420 14 20	29 765 20,30 3
002 420 15 20	29 835 22,00 4
002 420 17 20	29 581 19,00 4
002 420 24 20	29 581 19,00 4
002 420 38 20	21 621 17,00 3
002 420 39 20	21 576 19,00 3
002 420 40 20	21 592 18,80 3
002 420 41 20	29 076 20,00 4
002 420 42 20	29 076 20,00 4
002 420 48 20	21 904 17,00 3
002 420 49 20	29 179 30,00 4
002 420 55 20	29 083 28,00 4
002 420 56 20	21 621 17,00 3
002 420 60 20	21 592 18,80 3
002 420 62 20	29 835 22,00 4
002 420 69 20	21 621 17,00 3
002 420 70 20	29 179 30,00 4
002 420 78 20	29 197 30,00 4
003 420 01 20	23 022 20,60 4
003 420 02 20	23 020 17,90 4
003 420 10 20	29 179 30,00 4
003 420 11 20	29 183 27,00 3
003 420 12 20	29 183 27,00 3
003 420 16 20	29 179 30,00 4
003 420 17 20	29 076 20,00 4
003 420 20 20	29 179 30,00 4
003 420 22 20	29 179 30,00 4
003 420 24 20	23 021 18,60 4
003 420 35 20	29 179 30,00 4
003 420 37 20	29 581 19,00 4
003 420 38 20	29 581 19,00 4
003 420 44 20	29 835 22,00 4
003 420 46 20	FVR1791
003 420 66 20	29 183 27,00 3
003 420 72 20	29 183 27,00 3
003 420 73 20	29 183 27,00 3
003 420 75 20	29 581 19,00 4
003 420 76 20	29 581 19,00 4
003 420 77 20	29 835 21,70 4
0034200402	FWI302
004 420 22 20	29 179 30,00 4
004 420 22 20	29 253 30,00 4
004 420 48 20	29 835 21,70 4
004 420 60 20	29 179 30,00 4
004 420 60 20	29 253 30,00 4
004 420 61 20	29 183 27,00 3
004 420 70 20	29 158 30,00 4
006 420 10 20	29 253 30,00 4
006 420 11 20	29 253 30,00 4
356 421 03 12	BCR120A
356 421 10 12	BCR120A
356 421 12 12	BCR120A
356 540 00 17	UAI107
417 421 00 12	BCR156A
460 420 00 20	29 784 18,00 4
601 420 00 72	BCR116A
601 420 01 72	BCR117A
601 420 02 72	BCR116A
601 420 03 72	BCR117A
601 420 87 20	29 784 18,00 4

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...MERCEDES	BERAL
601 421 02 08	29 784 18,00 4
601 421 03 12	BCR117A
601 421 04 08	29 784 18,00 4
601 421 05 12	BCR117A
601 421 06 08	29 784 18,00 4
601 421 50 12	BCR116A
601 421 51 12	BCR116A
601 540 06 17	UAI200
601 540 13 17	UAI102
631 420 03 72	BCR221A
6395401417	FWI311
668 421 01 12	BCR162A
668 421 02 12	BCR163A
668 423 00 12	BCR164A
668 423 01 12	BCR165A
668 423 04 12	BCR208A
668 423 05 12	BCR209A
669 420 00 20	29 835 22,00 4
669 420 01 20	29 835 22,00 4
669 421 00 08	29 784 18,00 4
669 421 01 12	BCR118A
669 421 06 12	BCR118A
669 421 06 12	BCR162A
669 540 04 17	UAI103
669 540 05 17	UAI103
669 540 06 17	UAI103
669 540 08 17	UAI103
669 540 09 17	UAI103
670 420 28 20	29 835 22,00 4
670 421 01 12	BCR119A
670 421 03 12	BCR119A
670 540 00 17	UAI201
677 540 07 17	UAI202
677 540 08 17	UAI203
901 421 01 10	29 076 20,00 4
901 421 04 10	21 576 19,00 3
901 421 05 10	21 576 19,00 3
901 423 04 12	BCR230A
901 423 06 12	BCR230A
901 423 08 12	BCR230A
9015400217	FWI278
9015400317	FWI278
902 421 01 10	29 076 20,00 4
902 421 03 12	BCR228A
902 421 04 12	BCR228A
902 421 06 12	BCR228A
902 421 07 12	BCR228A
902 421 09 12	BCR228A
902 423 01 12	BCR229A
902 423 03 12	BCR229A
902 423 04 12	BCR229A
902 423 05 10	21 592 18,80 3
904 423 02 12	BCR191A
904 423 03 12	BCR191A
905 420 00 20	29 835 21,70 4
906 421 00 12	BCR310A
906 423 00 12	BCR311A
906 423 01 12	BCR312A
9065401317	FWI293
9065401417	FWI294
9065401517	FWI294
942 421 11 12	BCR145A
942 421 12 12	BCR145A
942 421 21 12	BCR145A
943 421 03 12	BCR323A
970 421 01 12	BCR186A
970 421 06 12	BCR186A
970 423 04 12	BCR187A

...MERCEDES	BERAL
970 423 05 12	BCR188A
970 423 06 12	BCR187A
970 423 07 12	BCR188A
975 421 00 12	BCR189A
975 421 01 12	BCR189A
975 421 02 12	BCR189A
975 423 00 12	BCR260A
975 423 03 12	BCR190A
975 423 06 12	BCR190A
A 943 421 03 12	BCR323A
A002 420 78 20	29 197 30,00 4
A004 420 22 20	29 253 30,00 4
A004 420 60 20	29 253 30,00 4
A004 420 61 20	29 183 27,00 3
A006 420 10 20	29 253 30,00 4
A006 420 11 20	29 253 30,00 4
A006 420 14 20	29 246
A006 420 15 20	29 244
A906 423 01 12	BCR312A

MERITOR	BERAL
68323825	BCR250A
152 24 835	29 155 27,00 4
152 24 835A	29 155 27,00 4
212 24 263	BCR248A
212 25 115	BCR197A
212 27 349	BCR223A
317 887 00100	BCR197A
3218-G-1333	BCR197A
3218H1308	BCR248A
68310622	UAI101
68320614	UAI103
68320654	UAI111
68320874	UAI100
68320909	UAI100
68321445	29 099 25,00 4
68321583	29 099 25,00 4
68321849	29 099 25,00 4
68322542	29 099 25,00 4
68323210	FCR305A
68323570	FCR290A
68323740	BCR337A
68323754	FCR289A
68324072	UAI164
68324558	29 156 30,00 4
68324613	UAI165
68324957	29 156 30,00 4
68325023	29 210 28,00 4
68325166	29 210 28,00 4
68325344	29 156 30,00 4
68325346	29 156 30,00 4
68325408	UAI169
68325901	29 156 30,00 4
68326015	29 156 30,00 4
A8-3222-A-2367	29 180 29,00 4
A9-3222-A-2367	29 180 29,00 4

NEOPLAN	BERAL
0801 621 00	BCR155A
0821 358 30	BCR168A
0823 311 00	29 055 22,00 4
180 22 0062	29 747 32,00 8

NISSAN	BERAL
06903006-0	29 099 25,00 4
40206-9X403	FCR339A
41060--9X225	FVR1616
41060-MB225	FVR4248
43206-9X100	FCR340A
D1060-MB600	FVR4053
D4060-MA000	FVR4054
D4060-MB40A	FVR4156

RENAULT TRUCKS	BERAL
5000 294 357	29 043 24,00 4
5000 295 329	29 071 17,00 3
5000 297 198	29 043 24,00 4
5000 297 808	29 013 21,50 5
5000 450 158	BCR126A
5000 545 242	BCR126A
5000 790 539	FCR129A
5000 792 539	BCR128A
5000 807 468	29 706 17,00 3
5000 813 673	29 013 21,50 5
5000 815 639	29 013 21,50 5
5000 821 964	29 043 24,00 4
5000 821 995	29 013 21,50 5
5000 823 412	29 013 21,50 5
5000 823 566	29 071 17,00 3
5001 014 694	29 065 22,00 4
5001 014 704	29 067 22,00 4
5001 821 995	29 013 21,50 5
5001 822 987	29 043 24,00 4
5001 822 987	UAI101
5001 825 638	29 065 22,00 4
5001 825 639	29 067 22,00 4
5001 825 640	29 043 24,00 4
5001 825 641	29 043 24,00 4
5001 829 545	29 097 20,50 5
5001 831 161	29 090 28,00 4
5001 831 161	UAI116
5001 833 114	29 090 28,00 4
5001 834 075	UAI163
5001 834 527	29 071 17,00 3
5001 844 747	29 121 20,30 4
5001 846 034	29 090 28,00 4
5001 848 363	UAI117
5001 855 646	29 156 30,00 4
5001 855 902	29 142 30,00 4
5001 855 902	UAI166
5001 863 904	29 156 30,00 4
5001 864 363	29 218 29,00 4
5001 864 364	29 218 29,00 4
5001 864 365	29 203 29,00 4
5001 864 380	29 177 29,00 4
5001 864 498	BCR249A
5001 866 914	29 207 30,00 4
5010 019 249	BCR127A
5010 104 739	29 072 19,20 8
5010 151 214	29 072 19,20 8
5010 190 857	29 072 19,20 8
5010 190 865	BCR127A
5010 197 487	29 072 19,20 8
5010 207 049	29 072 19,20 8
5010 207 431	BCR127A
5010 216 433	BCR169A
5010 216 437	BCR134A
5010 216 548	BCR128A
5010 216 931	BCR174A
5010 216 932	BCR175A
5010 260 101	BCR174A

...RENAULT TRUCKS	BERAL
5010 260 102	BCR175A
5010 260 218	BCR185A
5010 260 603	BCR182A
5010 260 604	BCR183A
5010 260 609	BCR184A
5010 422 262	BCR218A
5010 422 263	BCR219A
5010 422 363	BCR244A
5010 422 364	BCR245A
5010 422 593	BCR134A
5010 525 014	BCR242A
5010 525 015	BCR220A
5010 525 308	BCR218A
5010 525 362	BCR220A
5010 525 364	BCR243A
5010 598 303	BCR218A
5010 848 607	UAI151

ROR	BERAL
15224835T400	29 155 27,00 4
68324665	29 169 30,00 4

SAE	BERAL
09291042	29 183 27,00 3
09291063	29 143 30,00 4
09291072	29 195 30,00 4
09291073	29 207 30,00 4
09317202	29 179 30,00 4
09317330	29 197 30,00 4
09317-330	29 197 30,00 4
9291-042	29 183 27,00 3
9291-063	29 143 30,00 4
9291-072	29 195 30,00 4
9291-073	29 207 30,00 4
9317-202	29 179 30,00 4

SAF	BERAL
3 057 0077 00	29 179 30,00 4
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3 057 0080 00	29 126 30,00 4
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3 057 0084 00	29 162 31,00 4
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3 057 3179 00	29 143 30,00 4
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4 079 0005 02	BCR201A
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4 079 0007 01	BCR204A
4 079 0007 01 A	BCR204A
5 317 0023 00	29 179 30,00 4
5 317 0024 00	29 197 30,00 4

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1 402 272	BCR170A
1 415 147	BCR168A
1 852 817	BCR170A

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139 04 28	29 179 30,00 4
173 45 29	29 179 30,00 4
185 61 08	29 179 30,00 4
189 08 61	29 179 30,00 4

SCHMITZ CARGOBULL	BERAL
017870	BCR336A
1008452	29 158 30,00 4
1105625	29 158 30,00 4

SETRA	BERAL
000 421 43 10	29 253 30,00 4
003 420 35 20	29 179 30,00 4
006 420 10 20	29 253 30,00 4
8 284 000 209	29 747 32,00 8
8 285 000 235	29 747 32,00 8
8 285 388 435	29 210 28,00 4
8 285 388 436	29 053 30,00 4
A000 421 43 10	29 253 30,00 4
A006 420 10 20	29 253 30,00 4
Q-82855-15554	29 179 30,00 4
Q-82855-15573	29 179 30,00 4

SMB	BERAL
13162025	BCR199A
M06 9018	BCR199A
M078 157	BCR200A
M20 0135	BCR199A
M20013501	BCR199A

VAG	BERAL
2F0919351	FWI246

VAN HOOL	BERAL
351032	BCR155A
110 229 68	29 179 30,00 4
52E908472	BCR155A
E908472	BCR155A

VOLVO	BERAL
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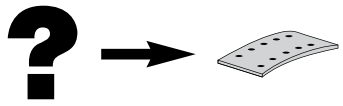
20568711	29 218 29,00 4
20568712	29 203 29,00 4
20568714	29 218 29,00 4
20568715	29 203 29,00 4
207 681 01	29 151 29,00 4
207 68115	29 137 29,00 4
208 255 94	29 090 28,00 4
20844903	29 207 30,00 4
209 18891	29 125 29,00 4
209 326 82	29 125 29,00 4
21024702	29 218 29,00 4
21024702	29 219 29,00 4
21352570	29 218 29,00 4
21352573	29 203 29,00 4
21496550	29 218 29,00 4
21496551	29 203 29,00 4
270 68092	29 125 29,00 4
276 147-6	29 039 22,00 4

...VOLVO	BERAL
3 093 919	29 090 28,00 4
3 093 939	29 090 28,00 4
3 112 965	BCR192A
309 5632	BCR303A
309 5673	FCR305A
3090 048-4	29 302 21,90 4
3093 532	29 137 29,00 4
3095 396	29 125 29,00 4
3099533	29 151 29,00 4
311 812 8	UAI116
6 774 686	BCR131A
6 774 686-7	BCR131A
6 774 687	BCR131A
6 774 867	BCR131A
6 775 223	BCR142A
6 775 227 9	BCR142A
6 775 229	BCR142A
67 792 085	BCR130A
677 9209	FCR306A
677 92093	FCR306A
683 23231	BCR303A
85 10 54 85	29 090 28,00 4
8550 611	29 090 28,00 4

VW	BERAL
281 698 151 B	FVR129
2D0 615 301 A	BCR228A
2D0 615 301 B	BCR228A
2D0 615 601	BCR230A
2D0 615 601 A	BCR229A
2D0 615 601 B	BCR191A
2D0 615 601 C	BCR230A
2D0 615 601 D	BCR229A
2D0 698 151	21 576 19,00 3
2D0 698 151 A	29 076 20,00 4
2D0 698 451	21 592 18,80 3
2D0 698 451 A	21 621 17,00 3
2D0 698 451 B	23 021 18,60 4
2D0919351A	FWI278
2E0 615 301	BCR310A
2E0 615 601	BCR312A
2E0 615 601 A	BCR311A
2E0906206B	FWI293
2E0906206G	FWI311



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AX/14/6	19 896
BA/2/1	17 905
BA/3/1	17 906
BA/4/1	19 802
BA/5/1	19 801
BC/1/1	17 286
BC/100/1	19 902
BC/101/1	19 903
BC/104/1	19 952
BC/105/1	19 953
BC/106/1	19 967
BC/107/1	19 968
BC/108/1	19 568
BC/109/1	17 456
BC/110/1	19 396
BC/111/1	19 397
BC/114/1	19 642
BC/115/1	19 643
BC/116/1	19 644
BC/118/1	19 641
BC/119/1	19 676
BC/122/1	17 807
BC/2/1	17 285
BC/32/1	17 269
BC/32/2	17 248
BC/33/1	17 336
BC/35/1	19 200
BC/38/1	17 016
BC/39/1	17 115
BC/51/1	11 084
BC/52/1	15 004
BC/53/1	17 183
BC/54/1	19 102
BC/55/1	19 103
BC/61/1	19 019
BC/77/1	17 340
BC/78/1	17 377
BC/79/1	19 573
BC/80/1	19 574
BC/86/1	19 042
BC/90/1	19 166
BC/91/1	19 167
BC/92/1	19 168
BC/93/1	19 169
BC/97/1	19 094
BC/98/1	19 032
BC/99/1	19 825
BT/56/1	17 748
BT/57/1	17 747
BT/59/6	19 463
BT/76/1	17 829
BT/84/1	19 919
BW/1/1	11 284
CO/1/1	59 082
CO/2/1	19 795
CS/67/1	19 922
CW/11/1	19 887
CW/12/1	19 921
CW/4/1	19 384
CW/4/2	19 385
DF/16/2	19 256
DF/17/2	19 260
DF/20/3	19 150
DF/21/3	19 151
DF/22/3	17 263
DF/23/3	17 264
DF/24/1	19 037

...BFMC	BERAL
DF/25/1	19 036
DF/30/1	19 618
DF/31/1	19 617
DF/32/1	19 891
DF/33/1	19 890
DF/34/1	19 900
DF/35/1	19 901
DF/36/1	19 888
DF/37/1	19 889
DF/40/1	17 013
DF/41/1	17 012
DF/42/1	19 024
DF/43/1	19 031
DF/44/1	19 011
DF/45/1	19 010
DF/46/1	19 052
DF/47/1	19 055
DF/48/1	19 063
DF/49/1	19 064
DO/80/1	17 804
FD/85/1	15 044
FD/86/1	15 247
FI/100/1	15 733
FI/101/1	15 732
FI/102/1	17 793
FI/104/1	17 408
FI/105/1	17 869
FI/106/1	19 694
FI/113/1	17 885
FI/120/1	17 924
FI/121/1	17 925
FI/124/2	19 225
FI/137/1	17 895
FI/138/1	17 758
FI/139/1	17 797
FI/141/1	17 660
FI/150/1	19 779
FI/79/2	15 207
FI/86/1	17 481
FI/94/1	17 482
FI/95/1	15 494
FT/11/1	19 614
FT/12/1	19 613
FT/19/1	19 912
FT/20/1	19 913
FT/6/1	19 606
FT/7/1	19 557
FU/17/1	19 609
FU/18/1	19 608
FU/4/4	19 369
FU/5/4	19 370
GG/144/1	17 555
GG/153/1	17 316
GG/163/1	17 662
GG/164/1	17 663
GG/186/1	17 933
GG/187/1	17 932
GG/194/1	17 217
GG/207/1	19 272
GG/208/1	19 269
GG/209/1	15 879
GG/210/1	17 988
GG/211/1	19 923
GG/214/1	19 543
GG/215/1	19 552
GG/216/1	19 306
GG/217/1	17 017
GG/218/1	19 177

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GG/232/1	19 708
GG/232/2	19 867
GG/233/1	17 357
GG/234/1	17 358
GG/235/1	19 758
GG/236/1	19 759
GG/83/1	19 072
GL/11/1	11 082
IK/1/1	19 567
IK/2/1	17 746
IL/66/5	19 036
IL/67/5	19 037
LH/82/2	19 622
LZ/2/1	19 762
LZ/3/1	19 763
LZ/4/1	19 913
LZ/5/1	19 912
LZ/7/1	17 897
LZ/8/1	17 898
MB/100/1	17 973
MB/101/2	17 350
MB/102/2	17 287
MB/103/2	15 162
MB/104/1	19 844
MB/105/2	19 506
MB/107/1	15 869
MB/108/2	15 059
MB/109/2	17 278
MB/110/2	17 280
MB/111/2	17 290
MB/112/1	17 950
MB/112/2	17 950
MB/113/1	19 844
MB/114/1	19 506
MB/114/2	19 506
MB/115/2	17 287
MB/116/2	15 162
MB/117/1	17 975
MB/118/2	17 351
MB/120/1	19 505
MB/121/1	19 112
MB/51/1	19 160
MB/58/3	19 466
MB/61/1	19 125
MB/67/1	17 297
MB/68/1	17 298
MB/69/1	15 350
MB/70/1	15 349
MB/74/1	19 706
MB/75/1	19 579
MB/76/1	19 707
MB/77/1	19 581
MB/80/2	15 742
MB/81/3	15 030
MB/82/1	17 796
MB/83/1	17 795
MB/84/1	19 633
MB/85/1	19 632
MB/88/1	13 532
MB/89/2	13 020
MB/90/1	11 582
MB/91/2	11 019
MB/91/3	11 025
MB/93/1	17 409
MB/94/1	15 580
MB/95/1	15 581
MB/96/2	17 278
MB/97/2	17 280

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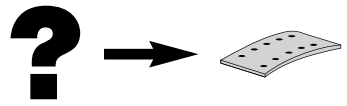
MB/98/2	17 290
MB/99/1	17 950
MB/99/2	17 950
MP/29/1	17 682
MP/30/2	17 238
MP/31/2	19 494
MP/31/3	19 713
MP/32/2	19 495
MP/36/2	19 496
MP/37/1	15 817
MP/38/1	15 823
MP/39/1	17 900
MP/40/1	17 901
MQ/3/2	19 783
MQ/4/2	19 784
PB/10/1	17 743
PB/11/1	19 558
PB/12/1	19 559
PB/15/1	17 237
PB/16/1	19 849
PB/17/1	19 850
PB/18/1	19 847
PB/18/2	19 699
PB/19/1	19 848
PB/20/1	19 712
PB/21/1	19 755
PB/22/1	19 503
PB/23/1	17 313
PB/24/1	19 263
PB/24/2	19 343
PB/25/1	19 262
PB/25/2	19 342
PB/26/1	17 318
PB/27/1	19 634
PB/28/1	19 635
PB/29/1	19 855
PB/30/1	19 856
PB/31/1	19 755
PB/32/2	19 712
PB/34/1	19 786
PB/34/2	19 823
PB/35/1	19 824
PB/35/2	19 838
PB/36/1	19 946
PB/37/1	19 947
PB/38/1	19 114
PB/39/1	19 115
PB/40/1	19 723
PB/41/1	19 100
PB/41/2	19 099
PB/42/1	19 091
PB/42/2	19 098
PB/9/1	17 742
PD/3/1	19 879
PD/4/1	19 881
PD/7/1	19 878
PD/8/1	19 877
RN/100/1	19 934
RN/101/1	19 935
RN/102/1	19 255
RN/103/1	19 259
RN/104/1	19 187
RW/1/3	19 366
RW/13/3	19 605
RW/2/3	19 365
RW/21/1	19 908
RW/22/1	19 909
RW/24/1	19 492



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RW/29/2	19 554
RW/30/1	19 715
RW/31/1	19 714
RW/32/1	19 717
RW/33/1	19 716
RW/34/1	19 030
RW/35/1	19 033
RW/36/1	19 109
RW/37/1	19 110
RW/38/1	19 116
RW/39/1	19 119
RW/9/3	19 604
SA/10/1	19 049
SA/11/1	19 199
SA/25/1	17 830
SA/26/1	17 832
SA/27/1	17 831
SA/28/1	17 827
SA/29/1	17 828
SA/30/1	19 621
SA/31/1	19 620
SA/36/2	19 760
SA/37/2	19 761
SE/1/1	15 799
SE/4/1	19 405
SE/5/1	17 761
SJ/22/1	19 516
SJ/23/1	19 515
SJ/24/1	19 518
SJ/25/1	19 517
SJ/26/1	19 892
SJ/27/1	19 893
SJ/28/1	19 283
SJ/29/1	19 284
SJ/30/1	19 477
SJ/31/1	19 478
SJ/32/1	19 479
SJ/33/1	19 480
SJ/34/1	19 490
SJ/35/1	19 491
SV/26/1	17 161
SV/27/1	19 393
SV/34/1	19 647
SV/39/2	17 991
SV/40/2	19 931
SV/41/2	19 932
SV/42/2	19 933
SV/43/1	19 144
SV/44/1	19 145
SV/45/1	19 146
SV/46/1	19 147
SV/47/1	19 217
SV/48/1	19 218
SV/8/1	19 075
SY/16/1	17 251
SY/17/1	17 253
SY/18/1	17 252
SY/19/1	19 134
SY/20/2	17 635
SY/23/1	19 245
SY/24/1	19 246
SY/26/1	17 636

...BFMC	BERAL
SY/31/1	19 782
SY/33/1	19 822
SY/34/1	19 821
SY/8/1	17 092
SY/9/1	17 093
VL/70/1	17 665
VL/71/1	17 664
VL/72/1	19 468
VL/73/2	19 467
VL/74/1	19 560
VL/75/1	19 561
VL/76/2	19 562
VL/77/1	19 563
VL/81/2	19 800
VL/82/1	19 799
VL/83/1	19 885
VL/84/1	19 886
VL/85/1	17 992
VL/86/1	19 941
VL/87/2	19 090
VL/88/2	19 071
VL/89/2	19 068
VN/19/1	15 775
YK/12/1	19 700
YK/13/1	17 362

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1505915460	15 059 10,20 3
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1516235380	15 162 13,50 4
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1517405380	15 174 07,00 4
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1534915460	15 349 11,00 3
1534925460	15 349 12,00 3
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1723815380	17 238 18,30 8
1723825050	17 238 19,10 8
1723825380	17 238 19,10 8
1724405380	17 017 16,00 8
1724415380	17 017 17,00 8
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1729805380	17 298 15,00 8
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1740925380	17 409 12,00 4
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1745621230	17 456 20,00 8
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1774205380	17 742 16,00 6
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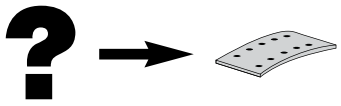

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1936914040	19 369 19,70 6
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1938515380	19 384 19,15 5
1938525380	19 384 20,15 5
1939301230	19 393 19,00 8
1939605380	19 396 13,00 8
1939704040	19 397 13,00 8
1939714040	19 397 14,00 8
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1949415380	19 713 18,30 8
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1949505050	19 495 17,00 8
1949505380	19 495 17,00 8
1949515050	19 495 18,30 8
1949515380	19 495 18,30 8
1949525050	19 495 19,10 8
1949525380	19 495 19,10 8
1949605050	19 496 17,00 8
1949605450	19 496 17,00 8
1949615050	19 496 18,30 8
1949615380	19 496 18,30 8
1949625050	19 496 19,10 8
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1950405380	19 177 16,00 8
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1950605380	19 506 13,40 6
1950615380	19 506 14,20 6
1950625380	19 506 15,00 6
1950635380	19 506 15,40 6
1950645380	19 506 16,20 6
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1951524040	19 515 17,20 6
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1951704040	19 517 15,70 6
1951714040	19 517 16,80 6
1951724040	19 517 17,20 6
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1989204040	19 892 18,00 6
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1989224040	19 892 19,60 6
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1302002	13 020 08,70 3
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13020087015T017	13 020 08,70 3
1319302	13 193 06,00 3
1320301	13 203 06,00 4
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1321201	13 212 05,00 4
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1503002	15 030 08,00 3
1503003	15 030 08,80 3
15030080005T017	15 030 08,00 3
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1505901	15 059 09,30 3
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15098080002T076	15 098 08,00 4
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1700102	17 016 09,50 8
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1708802	17 635 12,00 3
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1709601	17 313 12,90 3
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17278143004T10	17 278 14,30 4
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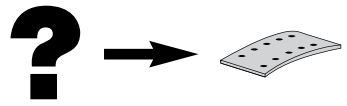

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1768202	17 682 17,00 8
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17827130005DON7115	17 827 13,50 3
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1799202	17 992 18,30 8
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1901003	19 010 21,60 6
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19010217005G203	19 010 21,60 6
19019140004T016	19 019 14,00 4
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1903235	19 032 19,00 8
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1903613	19 036 19,60 6
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1906302	19 063 21,60 6
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19063217005G203	19 063 21,60 6
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1906811	19 068 19,30 8
19068180008G115	19 068 18,30 8
19068194008G115	19 068 19,30 8
1906901	19 069 20,80 6
1907109	19 071 18,30 8
1907110	19 071 19,30 8
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1907506	19 075 20,00 8
1907507	19 075 19,00 8
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19075200008G115	19 075 20,00 8
1909005	19 090 19,30 8
1909007	19 090 18,30 8
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1909102	19 091 21,50 5
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19094200008T090	19 094 20,00 8
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1909442	19 094 17,50 8
1909443	19 094 19,00 8
1909902	19 099 21,50 5
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1910901	19 109 23,70 6
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19114194005	19 114 19,40 6
19116 2100 0 5 D7151	19 116 22,70 6
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1916602	19 166 19,80 6
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19245150008	19 245 15,00 8
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1928304	19 283 20,60 6
1928306	19 283 21,60 6
19283205005T090	19 283 20,60 6
19283215005T090	19 283 21,60 6
1933304	19 933 19,00 4
1934202	19 262 19,80 5
19342205008T088	19 262 19,80 5
1934302	19 263 19,80 5
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19343205008T088	19 263 19,80 5
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1936507	19 557 18,60 6
1936509	19 557 19,60 6
19365185005T090	19 557 18,60 6
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1936605	19 365 18,70 6
1936908	19 369 18,70 6
1936913	19 369 19,70 6
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1938407	19 384 18,15 5
1938410	19 384 19,15 5
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19384190005T022	19 384 19,15 5
1939304	19 393 20,00 8
1939308	19 393 19,00 8
19393190008G115	19 393 19,00 8
19393200008T088	19 393 20,00 8
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1946701	19 467 19,00 6
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1951508	19 515 15,70 6
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19515160005T013	19 515 16,80 6
1951701	19 517 15,70 6
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19517160005T013	19 517 16,80 6
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19543148005DON7121	19 543 14,80 5
19555210005	19 555 20,40 5
19558160005	19 558 16,00 6
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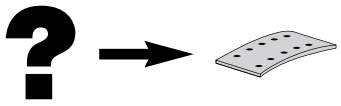

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1969903	19 699 17,55 5
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19699175505DON7113	19 699 17,55 5
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1970801	19 708 16,25 5
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1971201	19 712 16,10 6
1971202	19 712 17,10 6
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19713170008T020	19 713 17,00 8
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19723182008	19 723 18,20 8
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1975801	19 758 14,80 6
19758148005DON7131	19 758 14,80 6
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1976207	19 762 15,90 6
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1978610	19 786 17,90 8
1978611	19 786 18,90 5
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19799190005T026	19 799 19,00 6
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1984905	19 849 17,55 6
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19849175505T016	19 849 17,55 6
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1985502	19 084 17,50 5
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1989007	19 890 18,50 6
1989008	19 890 19,50 6
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1989202	19 892 19,20 6
1989208	19 892 18,00 6
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19892192005T099	19 892 19,20 6
1990009	19 900 19,10 6
19900191005DON7203	19 900 19,10 6
19900201005DON7203	19 900 20,10 6
1990210	19 902 17,80 6
1990212	19 902 19,00 6
19902180005T090	19 902 17,80 6
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1990803	19 908 18,10 6
1990804	19 908 19,10 6
19908182005T088	19 908 18,10 6
19908188005T088	19 908 19,10 6
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1991202	19 912 19,20 6
1991403	19 914 19,00 6
19923161004	19 923 16,50 4
1993104	19 931 19,00 4
1993106	19 931 20,00 4
19931190004G115	19 931 19,00 4
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12 158 545	19 699 17,55 5
12 258 274	19 849 17,55 6
12 258 501	19 699 17,55 5
12 258 514	17 742 16,00 6
12 999 215	19 786 18,90 5
12 999 229	19 225 14,00 4
12 999 328	15 817 12,10 3
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12 999 336	19 786 18,90 5
12 999 347	19 225 14,00 4
12 999 412	17 313 12,90 3
12 999 420	17 313 12,90 3
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12 999 469	19 503 16,00 4
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12 999 471	19 503 17,00 4
12 999 472	19 503 18,00 4
12 999 529	15 030 08,00 3
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12 999 561	19 263 19,80 5
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12 999 570	19 262 21,80 5
12 999 571	19 263 20,80 5
12 999 656	15 817 12,10 3
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12 999 658	17 900 12,10 3
12 999 659	17 900 12,10 3
12 999 663	15 030 08,00 3
12 999 712	19 091 21,50 5
12 999 717	19 503 16,00 4
12 999 718	19 503 16,00 4
13 057 021	19 699 17,55 5
13 057 024	19 849 17,55 6
13 057 029	17 900 12,10 3
13 057 036	19 687 17,80 8
13 057 046	19 849 18,55 6
13 057 048	19 849 17,55 6
13 057 049	19 849 17,55 6
13 057 050	19 699 17,55 5
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13 057 058	19 712 18,10 6
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13 057 074	11 019 08,00 5
13 057 075	11 019 08,00 5
13 057 076	13 020 08,00 3
13 057 077	13 020 08,00 3
13 057 078	15 030 08,00 3
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13 057 080	11 019 08,70 5
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13 057 084	15 030 08,80 3
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13 057 124	15 030 08,80 3
13 057 128	19 723 18,20 8
13 057 130	19 237 19,40 6
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13 057 173	19 712 18,10 6
13 057 182	19 225 14,00 4
13 057 185	15 817 12,10 3
13 057 186	15 817 12,10 3
13 057 203	19 723 18,20 8
13 057 220	19 786 18,90 5
13 057 225	19 225 14,00 4
13 057 250	19 687 17,80 8
13 057 252	19 690 18,90 8
13 057 283	15 030 08,80 3
13 057 284	15 030 08,80 3
13 057 295	15 030 09,80 3
13 057 350	19 786 17,90 8
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13 057 369	13 020 08,70 3
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13 057 475	19 712 18,10 6
13 057 478	19 849 17,55 6
13 057 479	19 849 17,55 6
13 057 508	19 849 18,55 6
13 057 511	19 723 18,20 8
13 057 567	19 503 18,00 4
13 057 568	19 503 18,00 4
13 057 637	13 020 08,70 3
13 057 638	13 020 08,70 3
13 057 639	11 019 08,70 5
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13 057 646	15 030 08,80 3
13 057 652	15 030 09,80 3
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13 057 656	19 699 18,55 5
13 057 671	17 269 12,00 3
13 057 672	17 269 12,00 3
13 057 673	17 269 13,00 3
13 057 674	17 269 13,00 3
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13 057 688	19 503 17,00 4
13 057 704	19 699 18,55 5
13 057 740	19 946 18,20 6
13 057 741	19 946 18,20 6
13 057 746	19 114 19,40 6
13 057 752	19 634 16,90 6
13 057 753	19 634 16,90 6
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13 057 782	11 019 08,70 5
13 057 783	13 020 08,70 3
13 057 784	13 020 08,70 3
13 057 785	15 030 08,80 3
13 057 786	15 030 08,80 3
13 057 788	13 020 08,70 3
13 057 789	13 020 08,70 3
13 057 791	19 699 19,55 5
13 057 793	19 503 17,00 4
13 057 797	11 019 08,70 5
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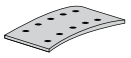
?→ 

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13 057 846	19 041 17,80 8
13 057 847	19 042 18,90 8
13 057 848	19 503 16,00 4
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13 057 853	19 042 18,90 8
13 057 858	17 374 18,90 8
13 057 859	19 699 18,55 5
13 157 002	17 269 12,00 3
13 157 003	17 269 12,00 3
13 157 005	17 269 12,00 3
13 157 006	17 269 12,00 3
13 157 007	17 269 12,00 3
13 157 008	17 269 12,00 3
13 157 040	17 248 12,00 4
13 157 041	17 248 12,00 4
13 157 048	15 098 08,00 4
13 157 064	19 019 14,00 4
13 157 123	15 150 07,00 4
13 157 125	15 174 07,00 4
13 157 140	13 203 06,00 4
13 157 141	13 203 06,00 4
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13 157 199	11 284 05,00 4
13 157 211	15 174 07,00 4
13 157 227	15 150 07,00 4
13 157 228	15 150 07,00 4
13 157 229	15 174 07,00 4
13 157 230	15 174 07,00 4
13 157 234	17 248 12,00 4
13 157 254	17 269 12,00 3
13 157 255	17 269 12,00 3
13 157 312	11 284 05,00 4
13 157 365	17 408 08,00 3
13 157 390	17 635 12,00 3
13 157 391	17 635 12,00 3
13 157 395	11 284 05,00 4
13 157 396	11 284 05,00 4
13 157 398	11 282 04,00 4
13 157 431	19 019 14,00 4
13 157 456	15 174 07,00 4
13 157 492	15 030 08,80 3
13 157 493	15 030 08,80 3
13 157 494	15 030 08,80 3
13 157 495	15 030 08,80 3
13 157 496	15 030 09,80 3
13 157 497	15 030 09,80 3
13 157 518	17 269 12,00 3
13 157 519	17 269 12,00 3
13 157 533	17 758 08,10 4
13 157 540	17 248 12,00 4
13 157 545	19 558 17,00 6
13 157 579	15 174 07,00 4
13 157 604	17 269 13,00 3
13 157 604	19 558 16,00 6
13 157 605	19 558 17,00 6
13 157 610	17 248 12,00 4
13 157 611	17 237 18,90 8

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13 157 612	17 924 13,50 3
13 157 612	19 723 18,20 8
13 157 625	13 020 08,70 3
13 157 626	13 020 08,70 3
13 157 627	11 019 08,70 5
13 157 628	11 019 08,70 5
13 157 644	11 019 08,70 5
13 157 645	11 019 08,70 5
13 157 650	13 020 08,70 3
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13 157 654	13 020 09,50 3
13 157 655	13 020 09,50 3
13 157 661	13 020 09,50 3
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13 157 663	13 020 09,50 3
13 157 664	13 020 09,50 3
13 157 671	19 690 18,90 8
13 157 672	19 687 18,90 8
13 157 673	15 030 08,80 3
13 157 674	15 030 08,80 3
13 157 676	15 030 08,80 3
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13 157 678	15 030 09,80 3
13 157 680	15 030 08,80 3
13 157 681	15 030 08,80 3
13 157 683	15 030 08,80 3
13 157 684	15 030 09,80 3
13 157 685	15 030 09,80 3
13 157 695	17 635 12,00 3
13 157 696	17 635 12,00 3
13 157 704	19 634 16,90 6
13 157 705	19 634 16,90 6
13 157 736	19 786 18,90 5
13 157 742	15 817 12,10 3
13 157 743	15 817 12,10 3
13 157 744	17 900 12,10 3
13 157 745	17 900 12,10 3
13 157 767	15 030 08,80 3
13 157 768	15 030 08,80 3
13 157 779	15 150 07,00 4
13 157 794	19 786 18,90 5
13 157 805	19 849 18,55 6
13 157 812	17 924 12,50 3
13 157 813	17 924 12,50 3
13 157 816	19 558 17,00 6
13 157 824	19 634 16,90 6
13 157 825	19 634 16,90 6
13 157 829	19 225 14,00 4
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13 157 910	19 699 17,55 5
13 157 911	19 699 17,55 5
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13 157 961	19 723 18,20 8
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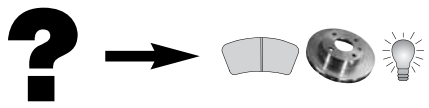

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AC495181D	29 835 22,00 4
AC495381D	29 040 18,00 3
AC627481D	21 621 17,00 3
AC627681D	29 076 20,00 4
AC627781D	21 592 18,80 3
AC628281D	29 041 18,30 4
AC632681D	21 188 18,30 3
AC658781D	29 706 17,00 3
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AC664281D	20 984 17,00 5
AC679781D	23 021 18,60 4
AC692081D	29 121 20,30 4

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APEC	BERAL
DSK544	BCR116A
DSK720	BCR117A
DSK771	BCR228A
DSK797	BCR230A
DSK814	BCR229A
DSK912	BCR104A
DSK959	BCR140A
DSK961	BCR139A
KIT115	FWI246
KIT120	UAI106
KIT132	FWI246
KIT178	FWI278
PAD1015	29 065 22,00 4
PAD1030	29 013 21,50 5
PAD105	29 043 24,00 4
PAD1055	29 043 24,00 4
PAD1074	23 022 20,60 4
PAD1077	23 020 17,90 4
PAD1104	23 021 18,60 4
PAD1277	29 123 20,30 4
PAD1292	29 121 17,30 4
PAD1401	24 007 21,00 4
PAD1436	24 008 18,50 4
PAD322	29 784 18,00 4
PAD420	29 784 18,00 4
PAD517	21 006 18,00 3
PAD519	21 188 18,30 3
PAD523	29 040 18,00 3
PAD563	29 067 22,00 4
PAD563	29 302 21,90 4
PAD658	29 065 22,00 4
PAD658	29 835 22,00 4
PAD677	29 706 17,00 3
PAD686	29 017 23,00 4
PAD740	29 041 18,30 4
PAD824	29 039 22,00 4
PAD838	20 984 17,00 5
PAD850	29 032 25,00 4
PAD884	29 001 20,00 3
PAD918	21 621 17,00 3
PAD921	21 576 19,00 3
PAD928	29 076 20,00 4
PAD929	21 592 18,80 3
PAD932	29 040 18,00 3
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13.0460-4989.2	29 121 17,30 4
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13.0460-6015.2	29 835 22,00 4
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13.0460-7083.2	21 621 17,00 3
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13.0460-7907.2	29 107 20,00 3
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24819004182	FWI311
412142	BCR230A
416100	BCR116A
416110	BCR229A
416121	BCR311A
422161	BCR228A
422196	BCR191A
428202	BCR312A
428203	BCR310A
430102	BCR118A

BENDIX	BERAL
333144B	BCR116A
338749B	BCR104A
561135B	BCR116A
561360B	BCR104A
562247B	BCR261A
562493B	BCR313A
569160B	BCR323A
571272B	29 784 18,00 4
571368B	29 071 17,00 3
571368B	29 706 17,00 3
571416B	29 038 18,30 3
571419B	29 012 18,00 3
571422B	29 041 18,30 4
571446B	21 006 18,00 3
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571846B	21 621 17,00 3
571910B	21 592 18,80 3
571946B	23 022 20,60 4
571947B	23 020 17,90 4
571950B	23 021 18,60 4
572374B	20 984 17,00 5
B350911	UAI110

BOSCH	BERAL
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0 986 424 218	21 576 19,00 3
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0 986 424 476	23 022 20,60 4
0 986 424 516	23 021 18,60 4
0 986 424 750	29 123 20,30 4
0 986 424 833	29 121 17,30 4
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BRAKE ENGINEERING	BERAL
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955411	FCR157A
955449	FCR232A
955470	FCR138A
955471	FCR135A
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...BRAKE ENGINEERING	BERAL
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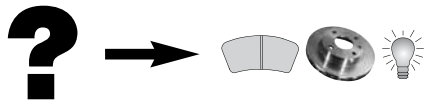

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955955	BCR155A
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955957	BCR202A
955958	BCR203A
955960	BCR193A
955964	BCR181A
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956050	BCR177A
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PA100	29 302 21,90 4
PA1099	21 621 17,00 3
PA1104	21 592 18,80 3
PA1183	23 021 18,60 4
PA1255	29 121 17,30 4
PA1264	29 067 22,00 4
PA1264	29 302 21,90 4
PA1265	29 032 25,00 4
PA1266	29 065 22,00 4
PA1312	29 121 17,30 4
PA1313	29 107 20,00 3
PA1314	29 138 18,00 3
PA1315	29 123 20,30 4
PA419	29 784 18,00 4
PA507	21 188 18,30 3
PA510	29 040 18,00 3
PA918	29 041 18,30 4
PA935	29 038 18,30 3
PA968	29 001 20,00 3

BRECO	BERAL
BS7509	BCR228A

BREMBO	BERAL
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CAR	BERAL
142.1007	FCR340A
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142041	BCR261A

DELPHI	BERAL
BG2265	BCR116A
BG265	BCR116A
BG3194	BCR228A
BG3235	BCR230A
BG3236	BCR228A
BG3237	BCR229A
BG3399	BCR191A
BG3752	BCR194A
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BG4102	BCR321A
BG4165	BCR316A
BG4171	BCR140A
BG429	BCR104A
BG473	BCR118A
BG474	BCR119A
BG9015	BCR312A
BG9911	BCR313A
LP1028	29 747 32,00 8
LP1030	29 039 22,00 4
LP1039	29 179 30,00 4

...DELPHI	BERAL
LP1043	21 904 17,00 3
LP1044	21 621 17,00 3
LP1045	21 592 18,80 3
LP1046	29 076 20,00 4
LP1046	29 153 19,70 4
LP1096	20 984 17,00 5
LP1098	20 984 17,00 5
LP1105	20 984 17,00 5
LP1138	29 121 20,30 4
LP1425	23 022 20,60 4
LP1437	23 021 18,60 4
LP1471	23 020 17,90 4
LP1595	21 621 17,00 3
LP1596	21 592 18,80 3
LP1596A	21 592 18,80 3
LP1616	29 121 20,30 4
LP180	29 784 18,00 4
LP1802	29 121 17,30 4
LP1826	29 123 20,30 4
LP468	29 784 18,00 4
LP580	21 188 18,30 3
LP583	21 006 18,00 3
LP584	29 040 18,00 3
LP660	29 017 23,00 4
LP661	29 302 21,90 4
LP662	29 835 22,00 4
LP667	21 904 17,00 3
LP697	29 784 18,00 4
LP698	29 784 18,00 4
LP8040	29 001 20,00 3
LP828	29 071 17,00 3
LP833	29 012 18,00 3
LP857	29 024 23,00 3
LP858	29 065 22,00 4
LP859	29 067 22,00 4
LP861	29 013 21,50 5
LP863	29 038 18,30 3
LP863	29 041 18,30 4
LP903	21 006 18,00 3
LP970	29 038 18,30 3
LP970	29 041 18,30 4
LP980	21 576 19,00 3
LP980	21 904 17,00 3

DON	BERAL
CVD500	BCR122A
CVD501	BCR112A
CVD502	BCR119A
CVD504	BCR118A
CVD505	FCR102A
CVD506	BCR101A
CVD507	BCR108A
CVD509	BCR126A
CVD510	BCR130A
CVD511	BCR131A
CVD512	BCR128A
CVD514	BCR120A
CVD516	BCR111A
CVD517	BCR110A
CVD519	BCR132A
CVD520	BCR105A
CVD521	BCR133A
CVD522	BCR144A
CVD523	BCR107A
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CVD525	BCR143A
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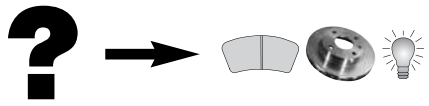

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CVD528	FCR100A
CVD529	BCR134A
CVD530	BCR142A
CVD531	BCR146A
CVD532	FCR157A
CVD536	BCR148A
CVD538	FCR129A
CVD539	BCR127A
CVD542	BCR168A
CVD543	BCR147A
CVD544	BCR215A
CVD545	BCR161A
CVD546	BCR181A
CVD547	BCR162A
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CVD552	BCR145A
CVD553	BCR170A
CVD554	BCR114A
CVD566	BCR197A
CVD572	BCR151A
CVD573	BCR187A
CVD575	BCR203A
CVD617	FCR285A
CVD618	FCR286A
CVD641	BCR330A
CVD642	BCR272A
CVD666	BCR331A
CVP001	29 302 21,90 4
CVP002	29 835 22,00 4
CVP003	29 017 23,00 4
CVP005	29 024 23,00 3
CVP006	29 013 21,50 5
CVP008	29 039 22,00 4
CVP009	29 043 24,00 4
CVP010	29 075 20,00 6
CVP011	29 072 19,20 8
CVP012	29 044 20,00 4
CVP013	29 083 28,00 4
CVP013	29 210 28,00 4
CVP014	29 032 25,00 4
CVP015	29 011 25,00 4
CVP016	29 065 22,00 4
CVP017	29 001 20,00 3
CVP018	29 053 30,00 4
CVP018	29 084 30,00 4
CVP019	29 067 22,00 4
CVP020	29 179 30,00 4
CVP021	29 055 22,00 4
CVP022	29 077 27,00 3
CVP023	29 090 28,00 4
CVP023K	29 090 28,00 4
CVP024	29 124 27,40 4
CVP025	29 122 22,00 4
CVP026	29 121 20,30 4
CVP027	29 024 23,00 3
CVP027	29 029 23,00 3
CVP031	29 097 20,50 5
CVP031	29 122 22,00 4
CVP032	29 088 26,00 4
CVP034	29 055 22,00 4
CVP035	29 183 27,00 3
CVP036	29 197 30,00 4
CVP037	29 125 29,00 4
CVP039	29 137 29,00 4
CVP044	29 040 18,00 3
CVP049	29 784 18,00 4
CVP057	21 006 18,00 3

...DON	BERAL
CVP060	29 012 18,00 3
CVP060	29 784 18,00 4
CVP064	29 706 17,00 3
CVP065	21 188 18,30 3
CVP065	29 040 18,00 3
CVP071	21 621 17,00 3
CVP073	29 076 20,00 4
CVP074	20 984 17,00 5
CVP075	29 071 17,00 3
CVP075	29 706 17,00 3
CVP081	29 150 30,00 4
CVP082	29 197 30,00 4
CVP083	29 105 30,00 4
CVP084	29 835 22,00 4
CVP085	29 835 21,70 4
CVP088	29 156 30,00 4
CVP090	29 126 30,00 4
CVP090	29 142 30,00 4
CVP092	29 167 30,00 4
CVP093	29 165 30,00 4
CVP094	29 158 30,00 4
CVP096K	29 162 31,00 4
CVP100K	29 203 29,00 4
CVP106K	29 256 27,00 4
CVP338	29 747 32,00 8
WIK513	UAI106

DT	BERAL
362060	BCR272A
463995	BCR323A

EFI	BERAL
EFC136	29 187 29,00 4

FEBI	BERAL
10322	29 179 30,00 4
24496	UAI132
27224	BCR272A
27698	BCR310A
27699	BCR311A
27700	BCR312A
29167	BCR323A

FERODO	BERAL
FCV1042	29 077
FCV1046	29 097
FCV1047B	29 090
FCV1053	29 066
FCV1086B	29 084
FCV1126	29 122
FCV1159B	29 099
FCV1275BFE	29 197
FCV1277BFE	29 183
FCV1279	29 088
FCV1327BFE	29 197
FCV1328BFE	29 179
FCV1354	29 088
FCV1366	29 154
FCV1367B	29 143
FCV1373BHD	29 179
FCV1373DFE	29 179
FCV1387B	29 137
FCV1388B	29 125
FCV1389	29 141

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FCV1389	29 142
FCV1404BFE	29 156
FCV1578BFE	29 210
FCV1579BFE	29 210
FCV1583B	29 053
FCV1585BFE	29 210
FCV1598BFE	29 179
FCV1614	29 186
FCV1624B	29 169
FCV1653BFE	29 156
FCV1656BFE	29 156
FCV1657B	29 158
FCV1677B	29 167
FCV1678B	29 165
FCV1762BFE	29 210
FCV1763B	29 053
FCV1813B	29 090
FCV1814BFE	29 195
FCV1815BFE	29 207
FCV1821B	29 150
FCV1825B	29 171
FCV1828	29 162
FCV1853	29 066
FCV1857BFE	29 155
FCV1901B	29 120
FCV1914FE	29 196
FCV1916	29 066
FCV1940	29 044
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FCV1964	29 159
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FCV4311B	29 187
FCV4344PTS	29 253
FCV4352B	29 180
FCV4374BFE	29 179
FCV4377B	29 203
FCV4378BFE	29 218
FCV4417PTS	29 247
FCV4418PTS	29 244
FCV460	29 063
FCV503	29 024
FCV523	29 302
FCV594	29 747
FCV624	29 072
FCV627	29 071
FCV668	29 013
FCV702	29 039
FCV733	29 067
FCV760B	29 083
FCV769	29 043
FCV770	29 032
FCV773	29 011
FCV801	29 075
FCV879	29 065
FCV898	29 016
FCV952	29 029
FCV958	29 764
FCV959	29 765
FCV961	29 688
FCV964	29 064
FCV983	29 018

...FERODO	BERAL
FCV987	29 055
FDB143	29 581
FVR1038	21 576
FVR1039	21 621
FVR1044	21 904
FVR1045	21 592
FVR1102	29 121
FVR129	20 280
FVR1304	23 022
FVR1305	23 020
FVR1306	23 021
FVR1315	29 121
FVR1350	29 107
FVR1351	29 138
FVR1390	29 160
FVR1405	29 123
FVR1522	29 835
FVR1616	23 434
FVR1777	29 200
FVR1778	29 192
FVR1779	29 217
FVR1780	29 190
FVR1791	29 237
FVR1876	21 592
FVR1879	29 153
FVR239	29 784
FVR4036	29 229
FVR4037	29 232
FVR4038	29 122
FVR4039	29 231
FVR4053	29 230
FVR4054	23 921
FVR4140	29 123
FVR4156	29 121
FVR4248	29 160
FVR492	21 006
FVR501	29 835
FVR511	21 188
FVR516	29 040
FVR655	29 041
FVR709	29 012
FVR713	29 038
FVR791	29 706
FVR792	20 984
FVR852	29 001

FIRST LINE	BERAL
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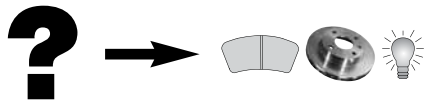
FBD197	BCR116A

FMSI	BERAL
7829-D928	23 021 18,60 4
7848-D949	29 076 20,00 4
7849-D950	21 576 19,00 3
7850-D951	21 621 17,00 3
7909-D1006	21 592 18,80 3
7968-D1062	29 835 21,70 4
8246-D1136	29 153 19,70 4
8371-D1253	23 022 20,60 4
8383-D1268	29 200 20,70 4
8430-D1316	29 192 20,80 4
8431-D1317	29 190 19,70 3
8432-D1381	29 217 20,60 4



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BZ1127W	UAI206

GRAF	BERAL
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DF29241	BCR104A
DF29418	BCR228A
DF29477	BCR140A
DF29481	BCR139A
DF29491	BCR230A
DF29492	BCR229A
DF29570	BCR194A
DF29572	BCR195A
DF29645	BCR191A

HALDEX	BERAL
89796	29 207 30,00 4
94608	29 207 30,00 4
0980106450	29 165 30,00 4
81163	29 143 30,00 4
81164	29 120 30,00 4
85653	29 143 30,00 4
89658	29 143 30,00 4
89660	29 143 30,00 4
89683	29 143 30,00 4
89724	29 143 30,00 4
89765	29 143 30,00 4
89795	29 143 30,00 4
91216	29 143 30,00 4
92008	29 143 30,00 4
92009	29 143 30,00 4
92010	29 143 30,00 4
93200	29 195 30,00 4
93441	29 195 30,00 4
93442	29 207 30,00 4
93887	29 195 30,00 4
945291620	29 154 30,00 4

HERMANN PETERS	BERAL
016.273-00	BCR221A
016.291-00	BCR228A
016.295-00	BCR145A
016.650-00	BCR162A
016.651-00	BCR164A
016.652-00	BCR163A
016.653-00	BCR165A
016.660-00	BCR208A
016.661-00	BCR209A
016.662-00	BCR186A
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016.664-00	BCR188A
016.665-00	BCR185A
016.665-00	BCR189A
016.666-00	BCR190A
016.667-00	BCR191A
016.672-00	BCR323A
026.651-00	BCR105A
026.651-00	BCR106A
026.658-00	BCR132A
03013000	BCR272A
036.103-00	BCR143A

...HERMANN PETERS	BERAL
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036.109-00	BCR146A
036.112-00	BCR148A
036.117-00	BCR147A
036.121-00	BCR214A
036.122-00	BCR215A
036.123-00	BCR216A
046.373-00	BCR205A
046.374-00	BCR206A
046.377-00	BCR210A
066.250-00	BCR202A
066.251-00	BCR203A
106.201-00	BCR101A
126.100-00	BCR170A
146.200-00	BCR131A
256.010-00	BCR134A
256.018-00	BCR175A
266.000-00	BCR197A
266.001-00	BCR248A

HP	BERAL
2318	29 784 18,00 4
2594	21 188 18,30 3
2991	21 576 19,00 3
2992	21 621 17,00 3
2993	21 592 18,80 3
55039	BCR116A
57703	BCR230A
57704	BCR228A
57705	BCR229A
7027	21 904 17,00 3
7180	23 022 20,60 4
7184	23 020 17,90 4
7301	23 021 18,60 4
7650	24 007 21,00 4
7653	29 160 20,30 4

ICER	BERAL
140316	29 706 17,00 3
140405	29 784 18,00 4
140560	20 984 17,00 5
140561	20 984 17,00 5
140563	21 006 18,00 3
140722	29 835 22,00 4
140730	21 188 18,30 3
140731	29 040 18,00 3
140834	29 071 17,00 3
140891	29 038 18,30 3
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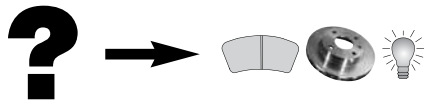

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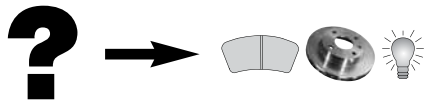

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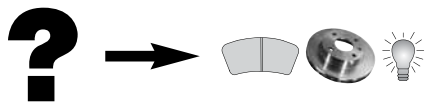

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MDP124	29 688 25,00 8
MDP1277	29 183 27,00 3
MDP1279	29 088 26,00 4
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MDP1329	29 197 30,00 4
MDP1367	29 143 30,00 4
MDP1367X	29 143 30,00 4
MDP1373	29 179 30,00 4
MDP1387	29 137 29,00 4
MDP1388	29 125 29,00 4
MDP1404	29 156 30,00 4
MDP1406	29 126 30,00 4
MDP1677	29 167 30,00 4
MDP1678	29 165 30,00 4
MDP1789	29 171 30,00 4
MDP239	29 784 18,00 4
MDP239X	29 784 18,00 4
MDP376X	29 017 23,00 4
MDP492	21 006 18,00 3
MDP492X	21 006 18,00 3
MDP5000	29 210 28,00 4
MDP5001	29 053 30,00 4
MDP5004	29 065 22,00 4
MDP5005	29 067 22,00 4
MDP5008	29 043 24,00 4
MDP501	29 835 22,00 4
MDP5016	29 043 24,00 4
MDP5017	29 083 28,00 4
MDP501X	29 835 22,00 4
MDP5021	29 065 22,00 4
MDP5027	29 043 24,00 4
MDP503	29 024 23,00 3
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MDP5031	29 210 28,00 4
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MDP5038	29 210 28,00 4
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MDP503X	29 024 23,00 3
MDP5040	29 835 21,70 4
MDP5050	29 210 28,00 4
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MDP5054	29 210 28,00 4
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MDP5056	29 156 30,00 4
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MDP5061	29 090 28,00 4
MDP5065	29 210 28,00 4
MDP5066	29 053 30,00 4
MDP5073	29 156 30,00 4
MDP5076	29 124 27,40 4
MDP5076	29 155 27,00 4
MDP5083	29 150 30,00 4
MDP5089	29 137 29,00 4
MDP5093	29 169 30,00 4
MDP5097	29 156 30,00 4
MDP5119	29 219 29,00 4
MDP5122	29 187 29,00 4
MDP516	29 040 18,00 3
MDP516X	29 040 18,00 3
MDP523	29 302 21,90 4
MDP5429	29 302 21,90 4
MDP5481	29 835 22,00 4
MDP5761	29 039 22,00 4
MDP5762	29 043 24,00 4

...MERITOR	BERAL
MDP5842	29 065 22,00 4
MDP594	29 747 32,00 8
MDP594X	29 747 32,00 8
MDP624	29 072 19,20 8
MDP624X	29 072 19,20 8
MDP627	29 071 17,00 3
MDP627X	29 071 17,00 3
MDP668	29 013 21,50 5
MDP668X	29 013 21,50 5
MDP702	29 039 22,00 4
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MDP760	29 083 28,00 4
MDP769	29 043 24,00 4
MDP770	29 032 25,00 4
MDP770X	29 032 25,00 4
MDP773	29 011 25,00 4
MDP773X	29 011 25,00 4
MDP791X	29 706 17,00 3
MDP801	29 075 20,00 6
MDP852X	29 001 20,00 3
MDP879	29 065 22,00 4
MDP9000	29 179 30,00 4
MDP9001	29 179 30,00 4
MDP9002	29 197 30,00 4
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MDP9004	29 105 30,00 4
MDP9005	29 179 30,00 4
MDP952	29 029 23,00 3
MDP987	29 055 22,00 4
MDP987X	29 055 22,00 4

METELLI	BERAL
23-0210	BCR116A
23-0241	BCR104A
23-0418	BCR228A
23-0477	BCR140A
23-0481	BCR139A
23-0491	BCR230A
23-0492	BCR229A
23-0570	BCR194A
23-0572	BCR195A
23-0645	BCR191A

MEYLE	BERAL
015 521 2032	BCR228A

MINTEX	BERAL
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MDB1245	21 006 18,00 3
MDB1245	29 784 18,00 4
MDB1340	21 006 18,00 3
MDB1367	29 012 18,00 3
MDB1367	29 040 18,00 3
MDB1458	29 071 17,00 3
MDB1471	29 706 17,00 3
MDB1490	29 071 17,00 3
MDB1490	29 706 17,00 3
MDB1524	21 188 18,30 3
MDB1561	29 038 18,30 3
MDB1585	29 784 18,00 4
MDB1644	29 041 18,30 4
MDB1721	29 071 17,00 3
MDB1721	29 706 17,00 3

...MINTEX	BERAL
MDB1728	21 188 18,30 3
MDB1729	20 984 17,00 5
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MDB1730	29 040 18,00 3
MDB1737	21 621 17,00 3
MDB1738	21 592 18,80 3
MDB1739	21 576 19,00 3
MDB1802	29 076 20,00 4
MDB1855	21 904 17,00 3
MDB1967	23 022 20,60 4
MDB1993	23 021 18,60 4
MDB1997	23 021 18,60 4
MDB2002	23 020 17,90 4
MDB2026	29 121 20,30 4
MDB2282	29 123 20,30 4
MDB2571	29 121 17,30 4
MDB2571	29 160 20,30 4
MDB2603	29 001 20,00 3
MDB2603	29 107 20,00 3
MDB2640	29 138 18,00 3
MDB2678	24 007 21,00 4
MDB2795	29 153 19,70 4
MDB2802	29 190 19,70 3
MDB2803	29 192 20,80 4
MDB2805	29 217 20,60 4
MDC1036	BCR228A
MDC1037	BCR228A
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MDC1075	BCR229A
MDC1079	BCR191A
MDC1771	BCR310A
MDC1772	BCR311A
MDC1773	BCR312A
MWI0229	FWI311
MWI0266	FWI293

MOTAQUIP	BERAL
VBD452	BCR104A

NATIONAL AUTO PARTS	BERAL
NBD073	BCR116A
NBD218	BCR104A
NBD361	BCR117A
NBD788	BCR228A
NBD789	BCR230A
NBD790	BCR228A
NBD791	BCR229A
NBD863	BCR139A
NBD864	BCR140A

NK	BERAL
202345	BCR140A
202347	BCR194A
202355	BCR321A
202356	BCR314A
202357	BCR317A
203344	BCR191A
203395	BCR230A
203396	BCR229A
203397	BCR228A
2047122	BCR311A
2047123	BCR310A
2047124	BCR312A

PAGID	BERAL
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50927	BCR107A
50937	BCR139A
50940	BCR140A
52104	BCR116A
52110	BCR221A
52134	BCR117A
52142	BCR230A
52169	BCR191A
52838	BCR127A
54046	BCR194A
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58125	BCR187A
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58131	BCR112A
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58174	BCR189A
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58259	BCR162A
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58420	BCR131A
58422	BCR142A
58501	BCR168A
58601	BCR170A
58801	BCR172A
58802	BCR176A
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58836	BCR126A
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58921	BCR108A
58922	BCR105A
58924	BCR106A
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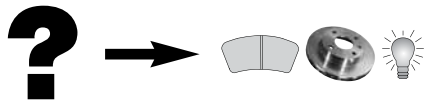

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59165	BCR210A
59174	BCR183A
59175	BCR182A
59176	BCR184A
59177	BCR197A
59269	BCR252A
59270	BCR253A
59271	BCR222A
59272	BCR235A
59273	BCR236A
59274	BCR237A
59275	BCR238A
59276	BCR239A
59277	BCR216A
59280	BCR175A
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C1008	29 183 27,00 3
C1014	29 197 30,00 4
C1020	29 105 30,00 4
C1028	29 171 30,00 4
C2002	29 044 20,00 4
C2004	29 835 22,00 4
C2006	29 065 22,00 4
C2010	29 083 28,00 4
C2014	29 122 22,00 4
C2016	29 090 28,00 4
C2018	29 067 22,00 4
C2040	29 125 29,00 4
C2042	29 156 30,00 4
C2046	29 137 29,00 4
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C3004	20 984 17,00 5
C3008	29 011 25,00 4
C3010	29 032 25,00 4
C3012	20 984 17,00 5
C3016	29 190 19,70 3
C4000	29 040 18,00 3
C4012	29 012 18,00 3
C4028	29 076 20,00 4
C4030	29 121 20,30 4
C4033	29 088 26,00 4
C4048	29 142 30,00 4
C4056	29 142 30,00 4
C4060	29 179 30,00 4
C4068	29 153 19,70 4
C4070	29 160 20,30 4
C4072	29 162 31,00 4
C5600	29 041 18,30 4
C6022	29 186 20,00 6
C6024	29 192 20,80 4
C6026	29 200 20,70 4
C6027	29 217 20,60 4
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P8505	UAI105
P8506	UAI108
P8507	UAI111
P8512	UAI100
P8514	UAI103
P8515	UAI107
P8517	UAI115
P8519	UAI116
P8521	UAI161
P8523	UAI207
P8526	UAI205
P8527	UAI206
P8529	UAI150
P8531	UAI101
P8532	UAI132
P8533	UAI106
P8534	UAI160
P8535	UAI141
P8538	UAI151
P8541	UAI163
P8549	UAI168
P8550	UAI155
P8554	UAI152
P8556	UAI169
T00045	29 040 18,00 3
T0040	21 188 18,30 3
T0045	29 012 18,00 3
T0311	29 784 18,00 4
T0354	29 835 22,00 4
T0382	29 012 18,00 3
T0382	29 040 18,00 3
T0383	21 006 18,00 3
T1111	21 576 19,00 3
T1124	21 592 18,80 3
T1382	24 007 21,00 4
T1383	24 008 18,50 4
T9007	29 784 18,00 4
T9023	29 038 18,30 3
T9048	29 001 20,00 3
T9057	29 076 20,00 4
T9058	29 121 20,30 4

PEX	BERAL
7.820	29 200 20,70 4
7.821	29 192 20,80 4
7.822	29 217 20,60 4
7.823	29 190 19,70 3
WK251	UAI111
WK254	UAI108
WK255	FWI246
WK256	UAI107
WK259	UAI100
WK262	UAI106
WK267	UAI110
WK268	UAI203
WK269	UAI105
WK270	UAI201
WK272	UAI200
WK287	UAI102
WK307	UAI101
WK320	UAI205
WK336	UAI206
WK359	UAI115
WK361	UAI119

...PEX	BERAL
WK367	UAI163
WK371	UAI162
WK38	UAI103
WK382	UAI208
WK384	UAI207
WK394	UAI130
WK395	UAI176
WK412	UAI211
WK413	UAI209
WK441	UAI166
WK444	UAI168
WK448	UAI160
WK561	FWI278
WK581	FWI311
WK582	FWI294
WK614	FWI293
WK632	FWI302

QUINTON HAZELL	BERAL
BDC3305	BCR116A
BDC3513	BCR104A
BDC5121	BCR165A
BDC5124	BCR162A
BDC5235	BCR194A
BDC5235P	BCR194A
BDC5236P	BCR195A
BDC5239P	BCR196A
BDC5551P	BCR311A
BDC5552P	BCR310A
BDC5553P	BCR312A

REMSA	BERAL
0047.04	21 006 18,00 3
0048.02	20 984 17,00 5
0048.12	29 706 17,00 3
0211.12	21 188 18,30 3
0211.22	29 041 18,30 4
0245.00	29 065 22,00 4
0321.22	21 904 17,00 3
0435.02	29 038 18,30 3
0436.02	29 001 20,00 3
0436.12	29 107 20,00 3
0578.00	21 576 19,00 3
0579.00	21 621 17,00 3
0580.00	21 592 18,80 3
0651.81	29 121 17,30 4
0701.00	23 022 20,60 4
0717.00	23 020 17,90 4
0733.00	23 021 18,60 4
6143.10	BCR104A
6299.10	BCR116A
6690.10	BCR139A
6691.10	BCR140A
6706.20	BCR228A
6783.10	BCR117A
6784.10	BCR230A
6785.10	BCR229A

REV (SAMREV)	BERAL
1085FR	BCR200A
1090FR	BCR199A
1162ME	BCR116A
1167ME	BCR119A
1167ME	BCR163A
12013RO	BCR197A

...REV (SAMREV)	BERAL
12016RO	BCR223A
12017RO	BCR250A
1251B	BCR176A
1254B	BCR210A
1358B	BCR176A
1359B	BCR172A
1361B	BCR193A
1366B	BCR193A
1466FO	BCR112A
1604MN	BCR148A
1607MN	BCR161A
1608MN	BCR214A
1609MN	BCR215A
1610MN	BCR147A
1611MN	BCR146A
1612MN	BCR181A
1613MN	BCR143A
1614MN	BCR144A
1640MN	BCR215A
1668SAU	BCR204A
1669SAU	BCR202A
1673SAU	BCR203A
1674SAU	BCR201A
1692ME	BCR118A
1692ME	BCR162A
1802ME	BCR145A
18058FT	BCR106A
1805ME	BCR120A
18060FT	BCR132A
18060FT	BCR251A
18060FT	FCR251A
18063FT	BCR110A
18064FT	BCR111A
18065FT	BCR105A
18065FT	FCR157A
18066FT	BCR107A
18067FT	BCR108A
1806ME	BCR228A
1806ME	BCR229A
18070FT	BCR104A
18073FT	BCR139A
18074FT	BCR140A
18075FT	BCR173A
18078FT	BCR179A
18084FT	BCR133A
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18091FT	BCR239A
18095FT	BCR235A
1809ME	BCR186A
18101FT	BCR195A
18102FT	BCR196A
18103FT	BCR237A
18104FT	BCR238A
18106FT	BCR109A
18106FT	FCR109A
1810ME	BCR187A
1811ME	BCR188A
18120FT	BCR194A
18123FT	FCR149A
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1815ME	BCR190A
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1828ME	BCR230A
1835ME	BCR164A
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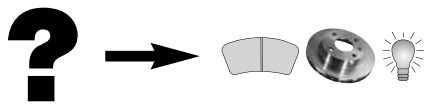

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1972LE	BCR101A
1975LE	FCR102A
197RL	BCR169A
198RL	BCR134A
199RL	BCR126A
200RL	BCR127A
201RL	FCR129A
2021BRED	FCR123A
202RL	BCR128A
204RL	BCR174A
205RL	BCR175A
2082KA	BCR113A
2083KA	BCR114A
2831SV	BCR170A
527DA	FCR100A
611DA	BCR257A
8423VO	BCR131A
8427VO	BCR130A
8435VO	BCR142A
8436VO	FCR306A

ROADHOUSE	BERAL
2047.04	21 006 18,00 3
2048.02	20 984 17,00 5
2048.12	29 706 17,00 3
2211.12	21 188 18,30 3
2211.22	29 041 18,30 4
2245.00	29 065 22,00 4
2321.22	21 904 17,00 3
2435.02	29 038 18,30 3
2436.02	29 001 20,00 3
2436.12	29 107 20,00 3
2578.00	21 576 19,00 3
2579.00	21 621 17,00 3
2580.00	21 592 18,80 3
2614.02	29 153 19,70 4
2651.81	29 121 17,30 4
2701.00	23 022 20,60 4
2717.00	23 020 17,90 4
2733.00	23 021 18,60 4
6143.10	BCR104A
6299.10	BCR116A
6500.00	BCR313A
6690.10	BCR139A
6691.10	BCR140A
6706.20	BCR228A
6783.10	BCR117A
6784.10	BCR230A
6785.10	BCR229A

ROULUNDS	BERAL
426181	29 784 18,00 4
467781	29 039 22,00 4
468881	29 083 28,00 4
471681	29 067 22,00 4
473781	29 032 25,00 4
474081	29 011 25,00 4
477781	29 055 22,00 4
478881	29 043 24,00 4
484881	29 001 20,00 3
494681	29 747 32,00 8

...ROULUNDS	BERAL
494781	29 017 23,00 4
494881	29 302 21,90 4
495081	21 006 18,00 3
495181	29 835 22,00 4
495381	29 040 18,00 3
627281	21 576 19,00 3
627481	21 621 17,00 3
627681	29 076 20,00 4
627781	21 592 18,80 3
628281	29 041 18,30 4
634181	29 065 22,00 4
638281	29 090 28,00 4
658881	29 038 18,30 3
674481	29 024 23,00 3
674881	29 084 30,00 4
675381	29 077 27,00 3
675981	29 088 26,00 4
676781	29 013 21,50 5
758781	29 706 17,00 3
T9004	29 706 17,00 3
T9013	20 984 17,00 5

SAMKO	BERAL
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50466BR	BCR104A
50527	BCR113A
50528BR	BCR130A
50529BR	BCR131A
50533BR	BCR118A
50534BR	BCR119A
50538	BCR169A
50544	FCR100A
50545BR	BCR143A
50546BR	BCR144A
50547	BCR175A
50554BR	BCR181A
50564BR	BCR139A
50573	BCR107A
50590	BCR228A
50597	BCR170A
50666BR	BCR127A
50674	BCR146A
50675BR	BCR147A
50689	FCR129A
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50775BR	BCR173A
50815BR	BCR132A
50819BR	BCR215A
50824BR	BCR145A
50826	BCR120A
50829BR	BCR172A
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50867BR	BCR109A
50867BR	FCR109A
50868BR	BCR105A
50869BR	BCR106A
50870	BCR116A
50874BR	BCR112A
51001BR	BCR101A
51002BR	FCR102A
51004BR	BCR179A
51014BR	BCR133A

...SAMKO	BERAL
51016BR	BCR182A
51017BR	BCR183A
51018BR	BCR184A
51019BR	BCR156A
51020BR	BCR140A
51021BR	BCR194A
51022BR	BCR195A
51023BR	BCR196A
51025BR	FCR123A

STTP	BERAL
151025	FCR284A
151026	FCR283A
151051	FCR288A
202528	BCR253A
222449	FCR305A
222452	FCR289A
222453	FCR290A
381014	BCR234A
839001	FCR285A
843001	FCR294A
843002	FCR293A
948914	FCR306A
96521	BCR185A

TEXTAR	BERAL
98018200	FWI246
98027500	UAI166
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20784 180 0 4 T471	29 784 18,00 4
2078401	29 784 18,00 4
21006 180 0 5	21 006 18,00 3
21188 183 0 5	21 188 18,30 3
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2118801	21 188 18,30 3
21576 207 0 5 T3078	21 576 19,00 3
2157601	21 576 19,00 3
21592 188 0 5 T3078	21 592 18,80 3
2159201	21 592 18,80 3
21621 173 0 5 T3078	21 621 17,00 3
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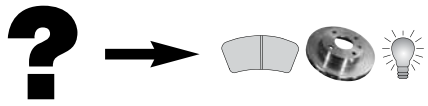

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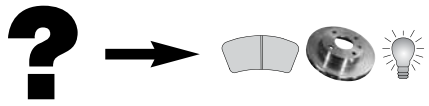

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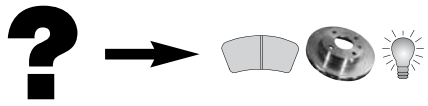

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540435	21 188 18,30 3
540436	29 012 18,00 3
540731	29 040 18,00 3
540792	21 576 19,00 3
540793	21 621 17,00 3
540794	21 592 18,80 3
540805	21 904 17,00 3
540881	21 904 17,00 3
540885	21 576 19,00 3
541600	29 013 21,50 5
541604	29 039 22,00 4
541605	29 043 24,00 4
541607	29 072 19,20 8
541609	29 747 32,00 8
541611	29 071 17,00 3
541612	29 067 22,00 4
541614	29 024 23,00 3
541616	29 032 25,00 4
541617	29 011 25,00 4
541620	29 067 22,00 4
541621	29 065 22,00 4
541622	29 065 22,00 4
541641	29 001 20,00 3
541642	29 083 28,00 4
541643	29 017 23,00 4
541644	29 090 28,00 4
541645	29 179 30,00 4
541647	29 097 20,50 5
541648	29 043 24,00 4
541649	29 083 28,00 4
541650	29 083 28,00 4
541651	29 083 28,00 4
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541654	29 065 22,00 4
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541656	29 067 22,00 4
541657	29 032 25,00 4
541658	29 011 25,00 4
541659	29 183 27,00 3
541662	29 121 20,30 4
541663	29 160 20,30 4
541664	29 076 20,00 4
541665	29 088 26,00 4
541668	29 090 28,00 4
541675	29 197 30,00 4
541677	29 105 30,00 4
541679	29 179 30,00 4
541686	29 124 27,40 4
541693	29 088 26,00 4
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541695	29 143 30,00 4
541696	29 088 26,00 4
541700	29 156 30,00 4
541703	29 125 29,00 4
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541720	29 171 30,00 4
551021	29 784 18,00 4
551026	29 706 17,00 3
551793	21 904 17,00 3
598045	21 621 17,00 3
598046	21 592 18,80 3

WABCO PERROT	BERAL
12 182 061	29 784 18,00 4
12 182 066	29 784 18,00 4
12 182 082	29 018 28,00 4
12 182 087	29 017 23,00 4
12 182 118	29 001 20,00 3
12 182 133	29 077 27,00 3
12 182 141	29 076 20,00 4
12 182 164	29 055 22,00 4
12 182 165	29 055 22,00 4
12 182 176	29 154 30,00 4
12 182 192	29 159 30,00 4
12 999 165	29 784 18,00 4
12 999 221	29 784 18,00 4
12 999 235	29 018 28,00 4
12 999 248	29 012 18,00 3
12 999 325	29 017 23,00 4
12 999 482	29 055 22,00 4
12 999 541	29 076 20,00 4
12 999 563	29 001 20,00 3
12 999 577	29 088 26,00 4
12 999 629	29 055 22,00 4
12 999 631	29 055 22,00 4
12 999 646	29 012 18,00 3
12 999 665	29 077 27,00 3
12 999 667	29 088 26,00 4
12 999 676	29 154 30,00 4
12 999 703	29 088 26,00 4
12 999 737	29 126 30,00 4
12 999 743	29 088 26,00 4
12 999 747	29 142 30,00 4
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BO1001	BCR168A
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BP1017	BCR172A
BP1021	BCR193A
BP1022	BCR176A
BP1024	BCR205A
BP1026	BCR206A
BP1030	BCR210A
DA1019	FCR100A
FD1022	BCR112A
IV10016	BCR108A
IV10018	BCR110A
IV10018	BCR237A
IV10019	BCR111A
IV1002	BCR104A
IV10021	BCR133A
IV10027	BCR132A
IV10030	FCR149A
IV10039	BCR139A
IV10040	BCR140A
IV10042	BCR136A
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IV10044	FCR135A
IV10045	BCR173A
IV10050	BCR179A
IV1006	BCR105A
IV1006	FCR157A
IV1009	BCR106A
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KA1003	BCR113A
KA1006	BCR114A
LE1092	FCR102A
LE1093	BCR101A

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MAN1019	BCR181A
MAN1020	BCR215A
MAN1021	BCR161A
MAN1024	BCR216A
MAN1027	BCR272A
MCW1007	BCR122A
MNE1027	BCR118A
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MNE1041	BCR116A
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MNE1079	BCR191A
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RN1013	BCR126A
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SC1023	BCR170A
SMB1001	BCR200A
SMB1002	BCR199A
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VO1036	BCR142A
VO1060	BCR192A
VO1066	BCR303A
WL073	UAI178

ZEN	BERAL
D232	BCR282A

ZF PARTS	BERAL
0501 208 805	29 084 30,00 4
0501 210 371	29 179 30,00 4
0501 298 143	29 179 30,00 4
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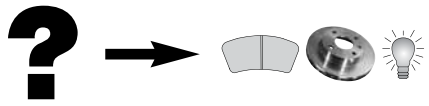

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610.1184.00	**BCR131A**
610.6851.00	**BCR142A**
610.6853.00	**BCR192A**

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