

Premium Parts



The EUROPART own-brand range

- Engine and clutch
- Cooling
- Filters
- Electrics and lighting
- Axle and steering parts
- Springs and dampers
- Pneumatic system
- Braking system
- Body, cab, vehicle equipment
- Workshop requirements
- Chemical products
- Standardised and DIN parts



EUROPART – Europe's No. 1 for truck, trailer, van and bus spare parts.

EWOS - the optimum ordering and organisation solution.

Information and ordering around the clock!

EUROPART offers an integrated solution for the workshop, with benefits for purchasing, stock management, repair and organisation:

- safe and rapid identification, search and assignment of spare parts and accessories.
- parts for all tractor vehicles, buses, trailers, vans and cars
- immediate online ordering facility for all bus items
- immediate information on prices and availability
- detailed product descriptions
- technical data for installation, repair and maintenance



Catalogue browser

The online offer is rounded off with a new catalogue browser. This combines the advantages of the conventional catalogue with digital possibilities. Familiar functions appreciated by the customer such as turning page by page have been usefully enhanced in the online catalogue, with fast navigation by mouse click, an intelligent search function and much more

- direct linking into the EUROPART Workshop Online System (EWOS) for rapid ordering
- innovative and individual presentation of the products



Dear Customers,

with this catalogue we would like to give you an overview of our **EUROPART brand products**.

From our comprehensive range of currently more than **6,500 items with the EUROPART brand**, we have compiled for you around **2,000 top items** from the areas of vehicle technology, workshop requirements, chemical products as well as standard and DIN components.

The EUROPART brand:

For you, the products of the EUROPART brand constitute a cost-effective and reliable alternative for your workshop.

We offer you vehicle spare parts with a wide coverage, suitable for all current vehicle types from the areas of trucks, trailers, buses and vans, including the most modern Euro 6 vehicles.

In addition, we supply you with a wide selection of special tools, lubricants and consumables for daily use in the workshop.

The EUROPART brand items meet the current standards and are manufactured using high-quality materials with focus on the OE standards. They meet the highest standards and are constantly monitored by our internal quality management as well as external testing organisations.

The quality of the products has been proven time and again. Thus the EUROPART brake discs and friction linings are successfully used in truck racing under the most demanding conditions – **truck race approved!**

The range of the EUROPART brand is constantly being expanded. Ask us directly about new products or find out through our sales campaigns, on our home page (www.europart.net) or in our EUROPART Workshop Online System EWOS (www.ewos.net).

Tips for using the catalogue:

The vehicle descriptions and engine types serve as guidance during identification of the precise vehicle application*.

To identify a spare part especially for your vehicle, please contact your EUROPART branch with the complete Vehicle Identification Number (VIN).

Or use the vehicle parts search in our EUROPART Workshop Online System EWOS (www.ewos.net).

EUROPART – Your Number 1

* Insofar as brand names of vehicle manufacturers are used in the catalogue, they are to be understood as designation information. The brand names indicate that the corresponding items are suitable for the named vehicle. The cross-reference numbers given on the pages of the catalogue serve for the purposes of identification.

What motivates us?

Your satisfaction!

With us, it's all about you! Our customers benefit every day from our more than 65 years experience of technical trading in vehicle parts and workshop requirements. We know what we are doing! This you can depend on. It is not without reason that you have voted us for the third time the **best truck and bus parts dealer in Germany**.



**Best brand
- 2012 -**



**Best brand
- 2014 -**



**Best brand
- 2015 -**



Our own brand

– 6,500 items of the highest quality and quickly available



Our advice

– competently by trained personnel



Our product range

– 400,000 items and all well-known brands



EWOS, our Workshop Online System

– Information and orders anywhere and round the clock



Our telephone service

– rapid guidance from qualified technicians



Our delivery service

– all-round carefree package due to night express, courier dispatch and weekend service



Our international network

– reliable locally, where you need us



First-class in use

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

You will find all items
with manufacturer
approvals on pages
172 – 179.

NEW! Manufacturer approvals for:

**MAN
RENAULT
VOLVO**

Further approvals in progress.

- minimal oil consumption through lower evaporation loss
- very good protection against oil sediment at the pistons
- high stability against oxidation
- offers extended oil change intervals (depending on manufacturer's instructions)

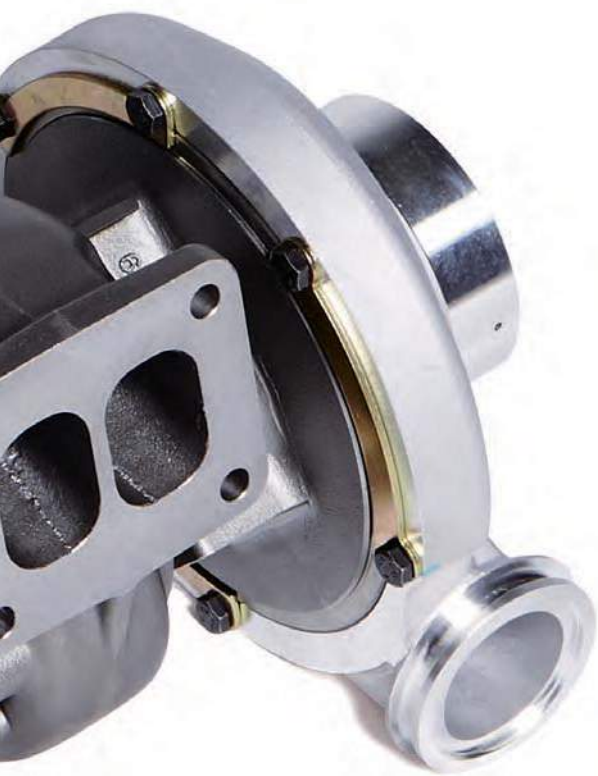
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GOOD TO KNOW**

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Engine and clutch

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Exhaust turbocharger

suitable for	Motor type	Fig.	Order no.	Comparative no.
MAN F2000	e.g. D2866 LF 31/32/45		1902 431 003	Holset 3593894
MAN F2000 Setra S 315/317/319 GT-HD	e.g. D 2866 LF 14/16, D 2866 LF 20 before 1997 year of manufacture, D 2866 LOH 09	1	1902 431 001	Holset 4027573
MAN TGA	e.g. D 2066 LF 01/02	2	1902 431 101	KKK 53299887122
MAN TGA	e.g. D 2866 LF 20 from 1997 year of manufacture		1902 431 002	Holset 4027733
MAN TGA MAN Lion's Star, Lion's Coach	e.g. D 2866 LF 25/28, D 2866 LOH 34, D 2866 LUH 30/37	3	1902 431 103	Holset 2836328
Mercedes-Benz Actros I/MP2/MP3 Setra S 411 HD	OM 501 LA	4	1902 431 000	Schitzer 316699
Mercedes-Benz Axor I/II, Atego I/II, Econic, Unimog Mercedes-Benz Citaro (O 530), Conecto (O 345), Tourino (O 510)	OM 906	5	1902 431 104	Holset 4040429
Volvo FH12, FM12, FL12	D12		1902 431 102	Holset 3591077



Flywheel

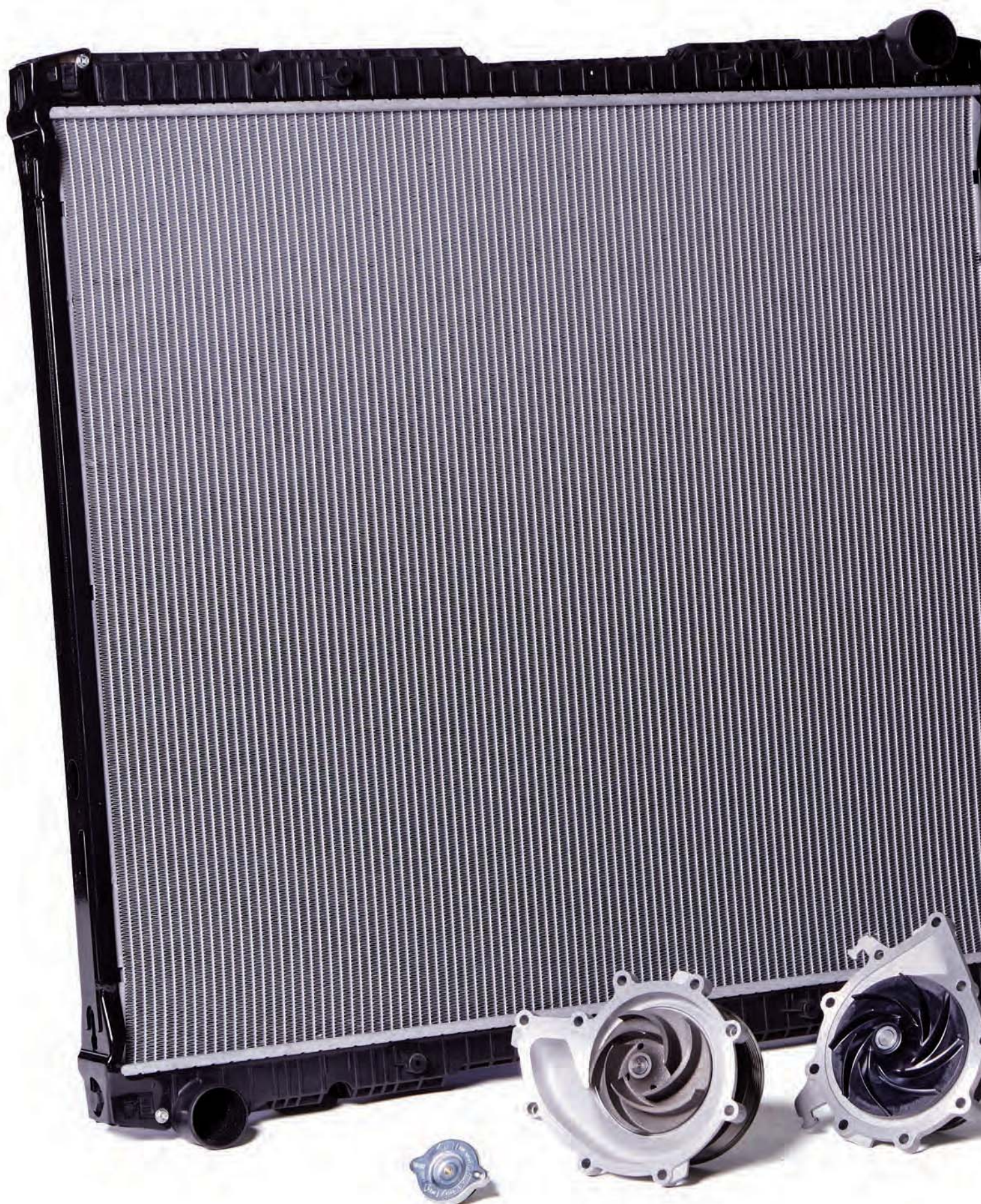


1
Engine and clutch

This figure corresponds to 9060 100 065

suitable for	Ø	Order no.	Comparative no.
MAN TGX, TGA	430 mm	9060 100 058	MAN 51.02301-6043
Neoplan Cityliner (N 1216), Starliner (N 52XX), Trendliner (N 3516)			
MAN TGA	430 mm	9060 100 050	MAN 51.02301-6034
Neoplan Tourliner (N 2216)			
MAN TGA Lion's Classic Ü (A72), Lion's Coach (R07), Lion's Regio (R12)	430 mm	5230 000 227	MAN 51.02301-7440
Neoplan Tourliner (N 2216), Trendliner (N 3516)			
Setra S 315/317/319 GT-HD, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL			
MAN TGS, TGA	430 mm	9060 100 073	MAN 51.02301-5258
MAN TGX, TGS Lion's Regio (R13)	430 mm	9751 601 063	MAN 51.02301-5259
Neoplan Cityliner (N 12XX), Tourliner (N 2216), Trendliner (N 3516)			
Mercedes-Benz LK/LN2, Unimog O 402	330 mm	9990 000 328	Mercedes-Benz 352 030 39 05
Mercedes-Benz Actros I/MP2/MP3, Atego I/II/III Travego I (O 580)	430 mm	9060 100 000	Mercedes-Benz 541 030 01 05
Setra S 315/317 HDH/3, S 315/317/319 GT-HD, S 415 HD, S 416/417 HDH, S 431 DT			
Mercedes-Benz Actros MP2/MP3, Axor I/II/III, Atego I/II/III	362 mm	9060 100 065	Mercedes-Benz 906 030 68 05
Mercedes-Benz Atego II Intouro II, Tourino (O 510)	395 mm	9460 303 005	Mercedes-Benz 906 030 66 05
Mercedes-Benz Axor II CapaCity (O 530 GL), Citaro I (O 530), Conecto I (O 345), Integro II (O 550), Intouro I (O 560), Tourismo II (O 350), Touro (O 500), Travego I/II (O 580)	430 mm	9460 300 605	Mercedes-Benz 457 030 06 05
Setra S 315 GT, S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL, S 415 HDH, S 415/419 UL			
Mercedes-Benz SK Conecto (O 345), Tourismo I (O 350), O 404	430 mm	9060 060 000	Mercedes-Benz 442 030 19 05
Setra S 309/312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 328 DT, S 315 GT, S 315/317/319 GT-HD, S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL			
Scania 114, 124, 164	430 mm	8000 012 762	Scania 1487558





Cooling

Surge tanks	14
Water pumps	15–25
Engine radiators	26



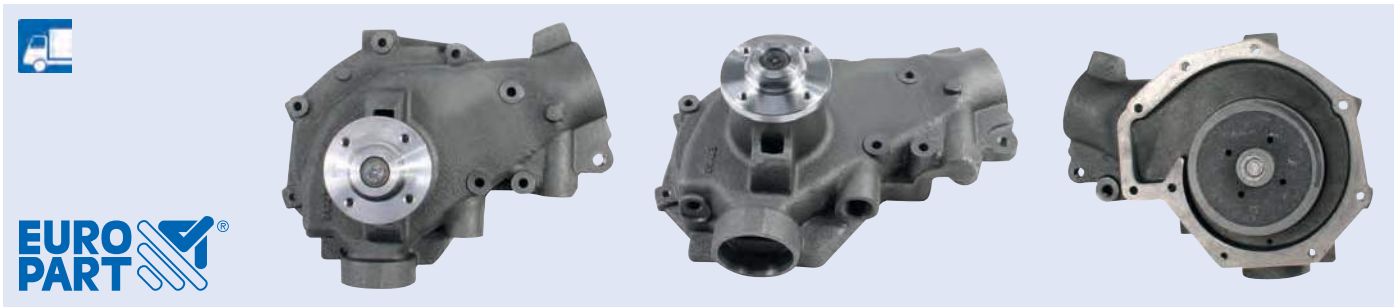


**Cover lid
for radiator**

Opening pressure 1 bar
Surface galvanised

suitable for	Order no.	Comparative no.
MAN G90 Lion's Star, EL (A12), NG (A11), NL (A10/A15)	9196 060 001	MAN 81.06110-0020





Water pump

Version without belt pulley
Impeller-Ø 135 mm

Scope of supply
with gasket

suitable for	Order no.	Comparative no.
DAF XF95, 95XF, CF85, 85CF	9150 000 911	DAF 1399336

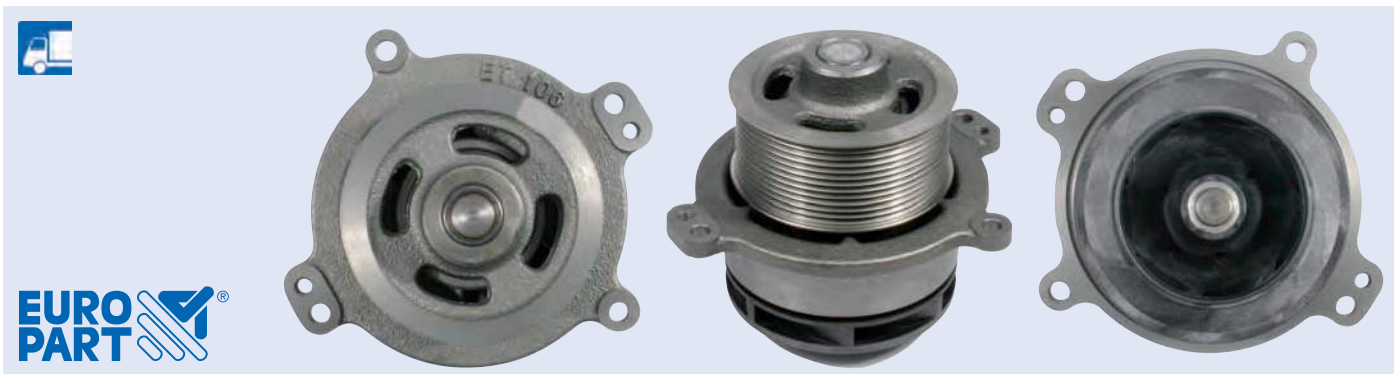


Water pump

Version with pulley
Impeller-Ø 120 mm

Scope of supply
with gasket

suitable for	Order no.	Comparative no.
DAF XF105, XF95, CF85	9150 000 931	DAF 1828162

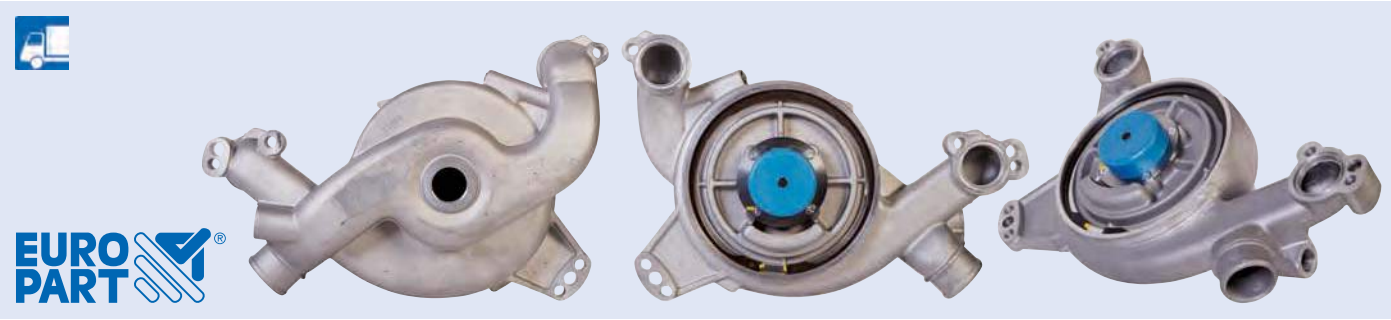


Water pump

Impeller-Ø 120 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Iveco Stralis I/II, EuroStar, EuroTech, EuroTrakker, Trakker I/II	9150 000 916	Iveco 500356553

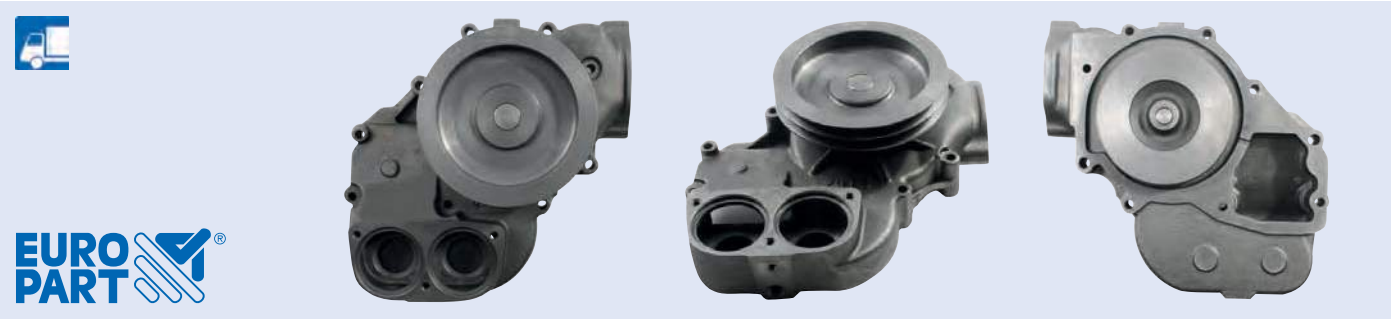


Water pump

Version without pulley
Impeller-Ø 209 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
MAN TGA, F2000	9150 000 917	MAN 51.06500-7089



Water pump

Version with pulley
Impeller-Ø 135 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
MAN F2000, F90, M90	9150 000 965	MAN 51.06500-6547



Water pump

Impeller-Ø 135 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
MAN F2000, F90 Lion's City (A26), Lion's Comfort Mercedes-Benz OM 404, OM 423, OM 443, OM 444 Neoplan Centroliner (N 44XX), Transliner (N 316/321)	9150 000 947	MAN 51.06500-6492



Water pump

Version no pulley, with retarder connection
Impeller-Ø 135 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
MAN TGA, F2000, F90 Lion's City (A21/A26), Lion's Classic Ü (A72), Lion's Coach (R07), Lion's Comfort, Lion's Regio (R12), Lion's Star (R02), NG (A23), NL (A10/A15/A21), NÜ, ÜL	9150 000 958	MAN 51.06500-6426
Mercedes-Benz Citaro I (O 530), Conecto I (O 345), O 403, O 404, O 405, O 407, Tourismo I (O 350), Travego I (O 580)		Mercedes-Benz 403 201 15 01
Neoplan Centroliner (N 44XX/N 45XX), Tourliner (N 2216), Trendliner (N 3516)		
Setra S 315/319 NF, S 313/315/319 UL, SG 321 UL		

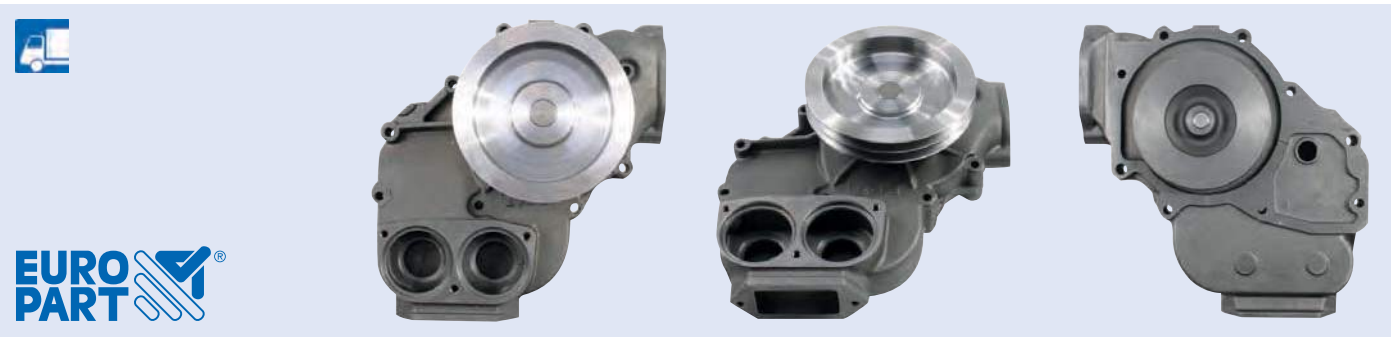


Water pump

Version no pulley
Impeller-Ø 135 mm

Scope of supply
with seal

suitable for	Order no.	Comparative no.
MAN TGX, TGS, TGA, M2000, L2000, M90 Lion's Coach (R07/R08)	9150 000 971	MAN 51.06500-6675



Water pump

Impeller-Ø 135 mm

Scope of supply
with gasket

suitable for	Order no.	Comparative no.
MAN TGA, E2000, F2000	9150 000 966	MAN 51.06500-6546

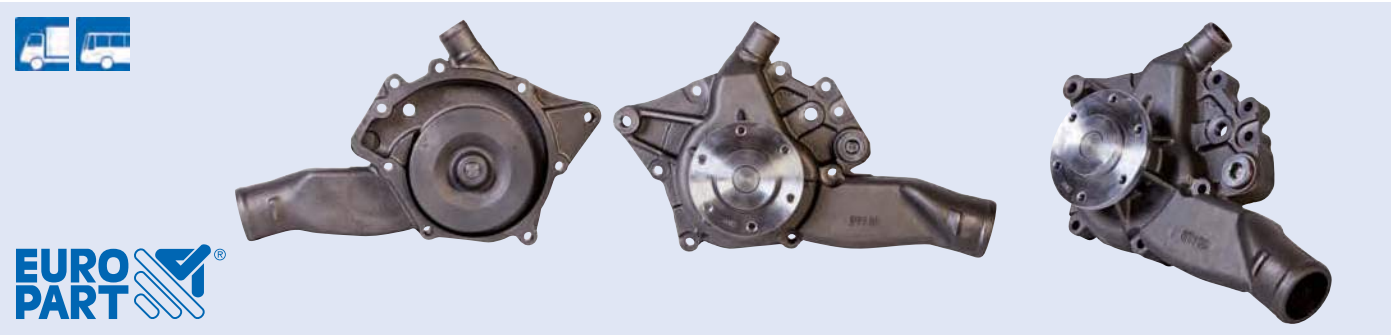


Water pump
in exchange

Impeller-Ø 110 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
MAN M2000L/M, L2000 EM, NM, SM	9150 000 900	MAN 51.06500-6515

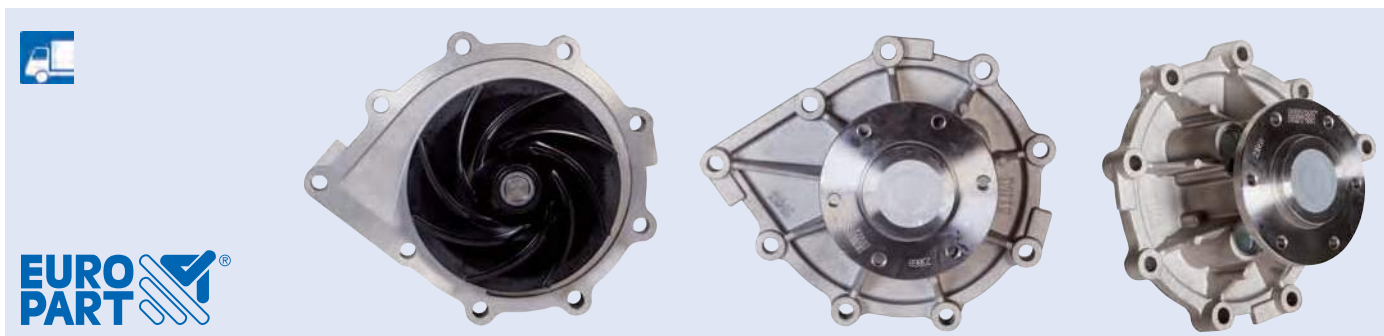


Water pump

Impeller-Ø 125 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
MAN M2000L/M, L2000, M90 EM, NM, SM	9150 000 962	MAN 51.06500-6669



Water pump

Version without belt pulley
Impeller-Ø 135 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
MAN Lion's City (A20/A21/A23/A25/A26/A36/A39/A40/A44/A45), Lion's Regio (R12/R13/R14), NG (A23), NL (A21), NÜ (A20) Neoplan Centroliner (N 45XX), Trendliner (N 3516)	9150 000 906	MAN 51.06500-6676

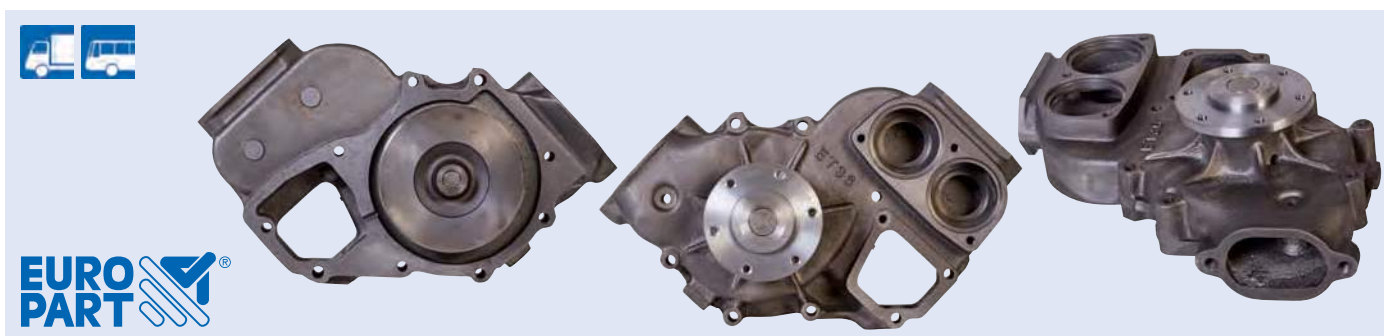


Water pump

Impeller-Ø 125 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
MAN SÜ 240 Mercedes-Benz SK, MK, NG O 404, O 405 N, O 407, O 408, Tourismo I (O 350) Neoplan Cityliner (N 122/217), Jetliner (N 216), Megaliner (N 128), Transliner (N 316)	9150 000 940	MAN 51.06500-6282 Mercedes-Benz 441 200 01 01



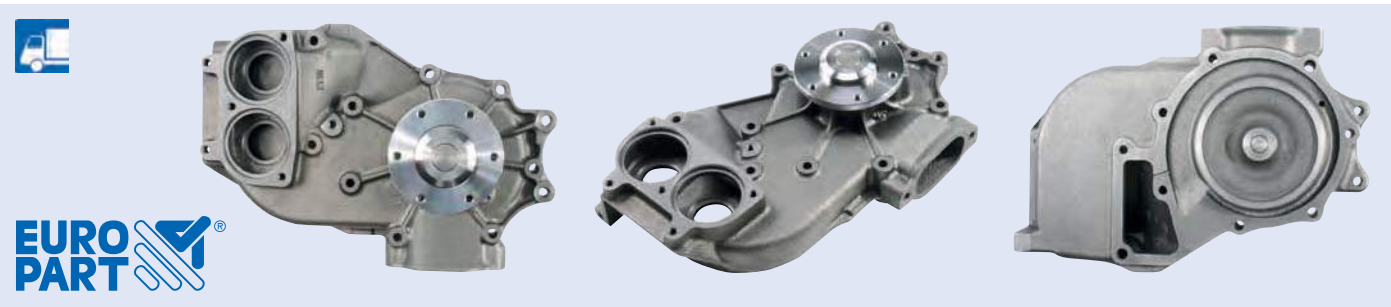
Water pump

Impeller-Ø 135 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
MAN F90 Lion's Coach (RH 353/403), Lion's Star (RH 414/464), NG (A11/A23), NL (A10/A15/A21), SÜ Mercedes-Benz SK, MK, NG	9150 000 935	Mercedes-Benz 403 200 75 01

**EURO
PART**



Water pump

Impeller-Ø 125 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Mercedes-Benz Actros MP2/MP3	9150 000 918	Mercedes-Benz 541 200 14 01

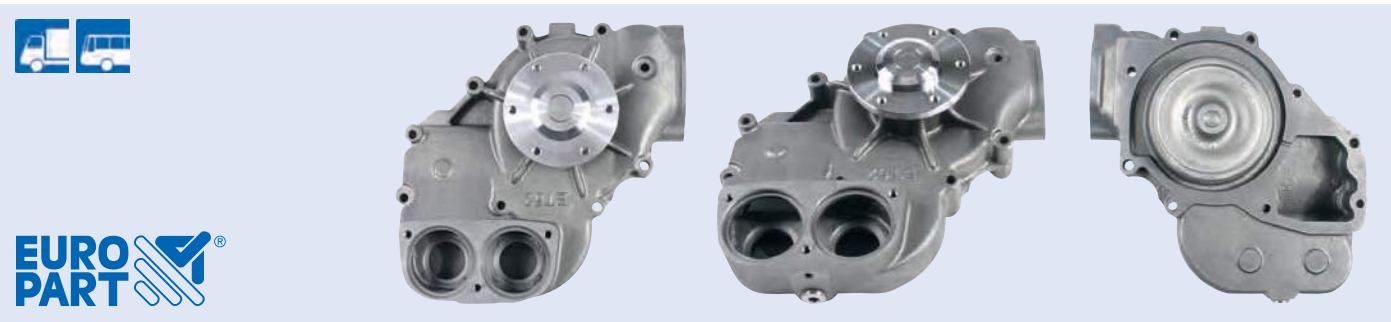


Water pump

Version no pulley
Impeller-Ø 112 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Mercedes-Benz Axor I/II, Atego I/II, Econic, LK/LN2, Unimog Citaro I (O 530), Cito (O 520), Conecto I (O 345), Tourino (O 510)	9150 000 967	Mercedes-Benz 904 200 49 01



Water pump

Impeller-Ø 125 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Mercedes-Benz Axor I/II Citaro I (O 530), Tourismo I (O 350), Travego I (O 580)	9150 000 974	Mercedes-Benz 457 200 29 01



Water pump

Impeller-Ø 112 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Mercedes-Benz Axor II, Atego I/II/III, Unimog	9150 000 921	Mercedes-Benz 904 200 51 01

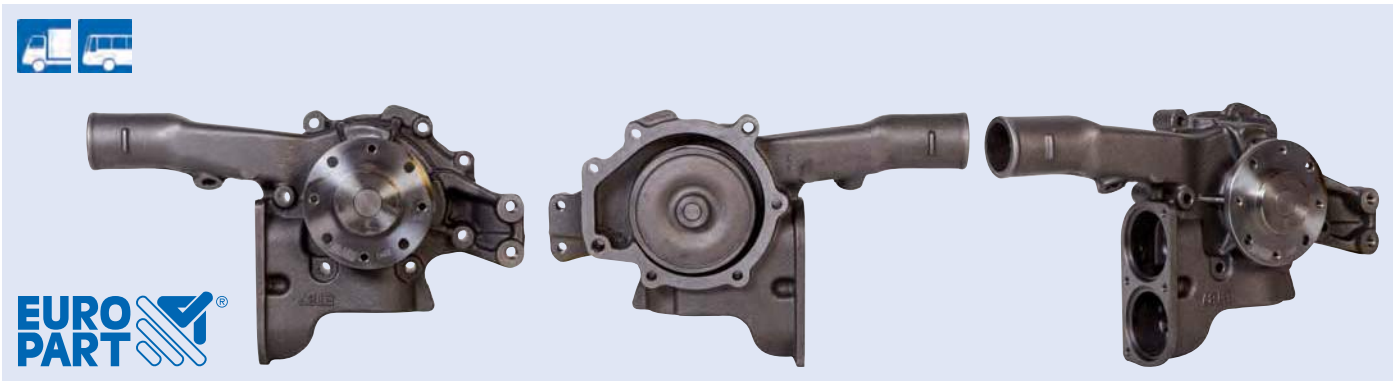


Water pump

Impeller-Ø 125 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Mercedes-Benz Axor I/II Citaro I (O 530), Conecto I (O 345), Integro II (O 550), Intouro I (O 560), O 405 N, O 407, O 408, Tourismo (O 350)	9150 000 973	Mercedes-Benz 457 200 27 01

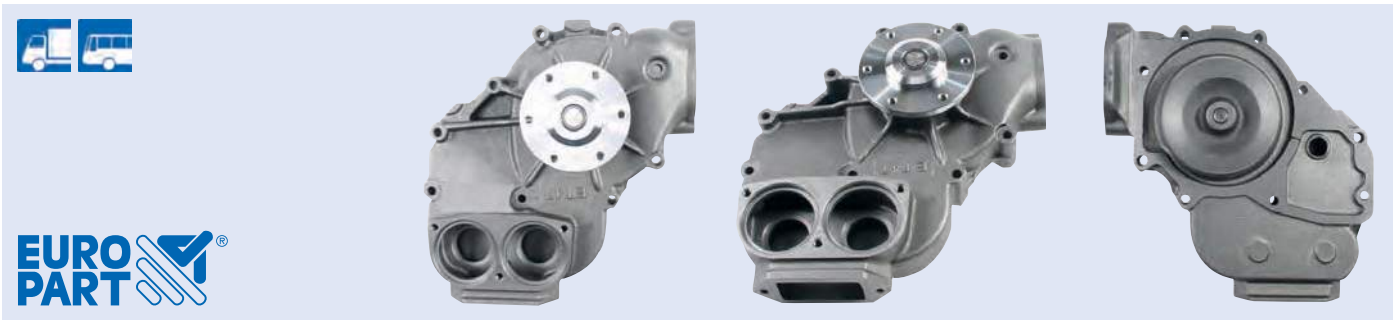


Water pump

Version without pulley
Impeller-Ø 112 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Mercedes-Benz Axor I/II/III, Atego I/II/III, Econic, Unimog (U300/400), Zetros Citaro (O 530), Conecto (O 345), Integro (O 550), Tourino (O 510)	9150 000 970	Mercedes-Benz 906 200 65 01

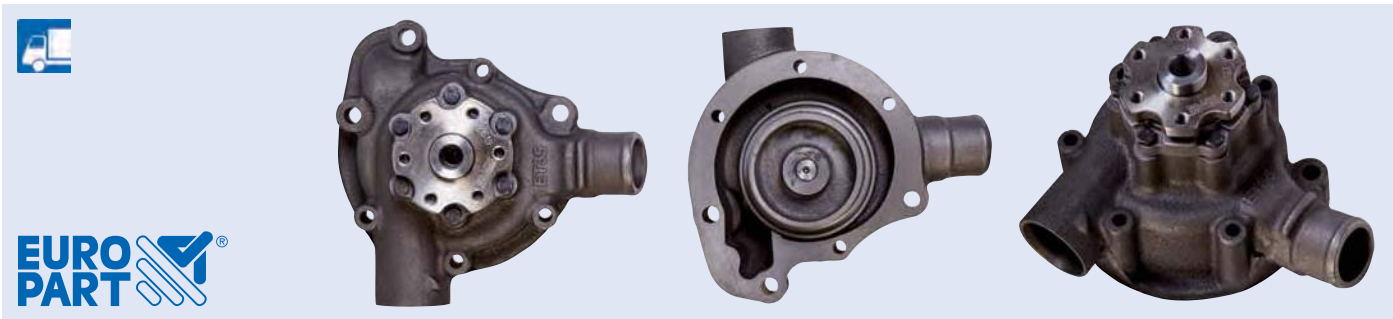


Water pump

Impeller-Ø 125 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Mercedes-Benz O 405, O 407	9150 000 942	Mercedes-Benz 403 200 73 01



Water pump

Impeller-Ø 94,5 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Mercedes-Benz LK/LN2, T2/LN1, Unimog (U110/130/140)	9150 000 954	Mercedes-Benz 364 200 20 01



Water pump

Impeller-Ø 94,5 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Mercedes-Benz LK/LN2, MK, NG	9150 000 952	Mercedes-Benz 366 200 59 01



Water pump

Impeller-Ø 125 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Mercedes-Benz MK, NG	9150 000 934	Mercedes-Benz 422 200 13 01



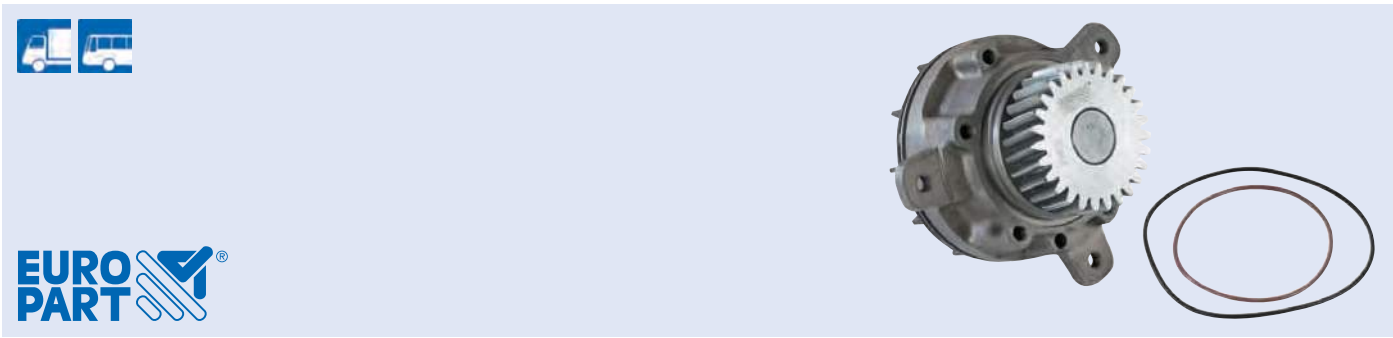
Water pump

Version no pulley

Impeller-Ø 130 mm

Scope of supply
with gasket

suitable for	Order no.	Comparative no.
Renault Magnum II/III, Premium I/II, Kerax I/II	9150 000 908	Renault 7421615952
Volvo FH II (2002-), FH16, FM9 B9L, B9R, B9S, B9TL		Volvo 20744939



Water pump

Version no pulley
Impeller-Ø 130 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Renault Magnum II	9150 000 915	Renault 7420734268
Volvo FH12, FM12, NH12 B12		Volvo 20734268



Water pump

Version with pulley
Impeller-Ø 112 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Scania R, G, P, 94, 114, 124, 144, 164	9150 000 929	Scania 1787120



Water pump

Impeller-Ø 112 mm

Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Scania R, G, P	9150 000 928	Scania 1549482



Water pump

Version with pulley
Impeller-Ø 105 mm

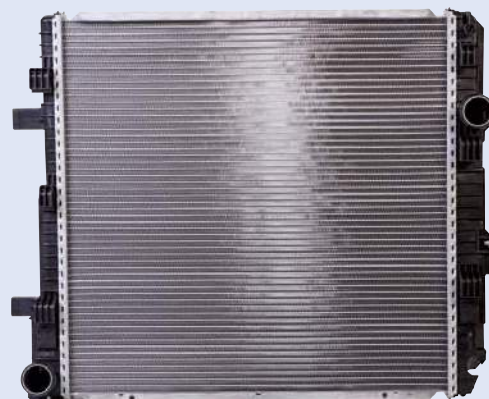
Scope of supply
with gaskets

suitable for	Order no.	Comparative no.
Scania R, G, P, 94, 114, 124, 144, 164 K114/124, L94	9150 000 927	Scania 1896752

EUROPART Water pump

- "Made in Germany" quality
- these are brand new units not reconditioned
- new part added value: international solution/low process costs (no old part value)
- attractive price for new parts
- Production certified by TÜV SÜD
- complete sealing kit from OE certified production plants in the EU
- 100 % testing for leaks
- 100 % testing of the impellers for concentricity
- homogenous, high-quality product marking using modern technology (laser)
- high-quality cardboard packaging
- comprehensive covering for common vehicle types

EUROPART
GOOD TO KNOW



This figure corresponds to 7501 503 071



Engine radiator

suitable for	Length	Width	Depth	Order no.	Comparative no.
DAF CF85	950 mm	618 mm	44 mm	7501 501 098	DAF 1698298
DAF XF105	1067 mm	748 mm	40 mm	7501 510 811	DAF 1861737
DAF XF95, 95XF	1067 mm	748 mm	42 mm	7501 501 241	DAF 1326966
Mercedes-Benz Actros I	952 mm	808 mm	40 mm	7501 521 731	Mercedes-Benz 942 500 11 03
Mercedes-Benz Atego I/II	569 mm	558 mm	42 mm	7501 503 071	Mercedes-Benz 970 500 04 03
Scania 114, 124, 144, 164	938 mm	860 mm	42 mm	7501 504 221	Scania 1327249
Scania 94	860 mm	686 mm	42 mm	7501 504 111	Scania 1365371
Scania series R, G, P	998 mm	860 mm	40 mm	7501 511 941	Scania 0570485
Volvo FH12, FM7, FM12	900 mm	730 mm	50 mm	7501 504 351	Volvo 1665249

EUROPART Radiator

- consists of a high-quality but at the same time light material mix: we use a combination of plastics, aluminium and steel
- high level of expertise in development and manufacture
- produced and tested using the latest technology
- withstands extreme heat and high pressure
- ranked according to the international standard, imparts an optimum temperature stability
- 100 % testing for leaks
- 100 % fitting accuracy
- all connection points are corrosion resistant

EUROPART
GOOD TO KNOW





Filters

Oil filters.....	30–32
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Hydraulic filters	39, 40
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Oil filter

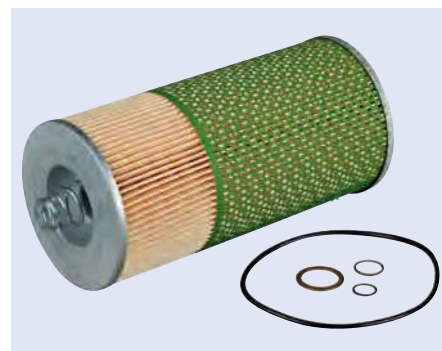


This figure corresponds to 9020 121 400

suitable for	Order no.	Comparative no.
DAF 65CF, 65 3600, 3300, 2800, 2700, 1900, 1700, 1300, 1100, 1000 Iveco MK, P/PA	9020 009 626	Hengst H18W01 MANN W 962/6
DAF XF95, CF85, CF75	9020 001 270	Hengst E34H D213 MANN HU 1270 x Knecht/Mahle OX 359 D
DAF XF Euro 6 (2013-), XF105, CF Euro 6 (2013-), CF85 (2006-)	9020 012 103	Hengst E89HD213 MANN HU 12 103 x Knecht/Mahle OX 434D
Iveco EuroCargo I, M, MK	9020 001 144	MANN WP 1144 Hengst H 210 WN
MAN TGA, E2000, F2000	9020 013 810	Hengst E13H D47 MANN HU 1381 x Knecht/Mahle OX 146D ECO
MAN TGA, F2000, F90	9020 009 472	Hengst E161H D28 MANN HU 947/2 x
MAN TGA, M2000L/M, L2000, M90	9022 327 600	Hengst H210W01 MANN W 1160 Knecht/Mahle OC 206
MAN TGA, TGM, TGL Mercedes-Benz Unimog (U90/100)	9020 009 510	Hengst E172H D35 MANN HU 951 x
MAN TGX, TGS, TGA	9020 013 125	Hengst E422H D86 MANN HU 13 125 x
Mercedes-Benz Actros I/MP2/MP3	9020 121 400	Hengst E500H D129 MANN HU 12 140 x Knecht/Mahle OX 168 D
Mercedes-Benz LK/LN2, MK, NG, Unimog	9020 009 471	Hengst E197H D06 MANN HU 947/1 x
Mercedes-Benz SK, MK, NG	9020 121 102	Hengst E251H D11 MANN H 12 110/2 x Knecht/Mahle OX 69D
Renault Magnum I/II, Premium I, Midlum II, Kerax I Volvo FH II (2002-), FH12 I, FH16 I, FL6, FL10, FM7 I (-2001), FM9, FM12, NH12	9022 314 400	Hengst H200W10 MANN W 11 102/35
Renault Midlum II Volvo FH II (2002-), FH12, FH16, FM7 I (-2001), FM9, FM12, FL6, FL7, FL10, FL12, NH12, F6, F7, F10, F12, F16, N10	9025 540 040	Hengst H200W10 MANN W 11 102/36 Knecht/Mahle OC 121
Renault T-Truck (2013-), Magnum II/III, Premium II, C-Truck (2013-), K-Truck (2013-), Kerax II Scania R, G, P	9021 110 227	Hengst H 200 W 04 MANN W 11 102/27
Volvo FH II (2002-), FH16 II/III, FM II (2002-), FM7 I (-2001), FM9, FM12, FL10, FL12, FMX Renault T-Truck (2013-), Magnum II/III, Premium II, C-Truck (2013-), K-Truck (2013-), Kerax II Volvo FH II (2002-), FH12, FH16, FM7 I (-2001), FM9, FM12, FL6, FL7, FL10, FL12, F12, F16	9021 110 200	Hengst H200WN01 MANN WP 11 102/3 Knecht/Mahle OC 121
Scania P, 114, 93, 113, 143, 92, 112, 142	9025 503 180	Hengst H10W02 MANN W 920/7
Scania R, G, P, 94, 114, 124, 144 Volvo FH II (2002-), FM7 I (-2001)	9022 314 402	Hengst H200W20 MANN W 11 102/37 Knecht/Mahle OC 246
Scania R, P, 164	9020 001 072	Hengst E21H D74 MANN HU 1072 x



Oil filter



This figure corresponds to 9020 121 102

suitable for	Order no.	Comparative no.
Fast Scoler II	9022 314 400	Hengst H200W10
Irisbus Agora, Arès, Iliade, Récréo		MANN W 11 102/35
Iveco EuroClass		
Volvo B7L, B7R, B10B, B10M, B12		
Fast Scoler III, Starter	9022 327 600	Hengst H210W01
MAN Lion's City (A37/A47/A78), Lion's Classic Ü (A72), EL (A12), NG (A11), NL (A10/A15), NÜ (A20)		MANN W 1160
Neoplan Centroliner (N 44XX)		Knecht/Mahle OC 206
Solaris Urbino II/III		
Temsa Opalin		
Fast Syter	9020 013 810	Hengst E13H D47
MAN Lion's Coach (R07), Lion's Coach (A32), Lion's Star (A03/R02), NL (A21/A22/A26)		MANN HU 1381 x
Neoplan Centroliner (N 44XX), Skyliner (N 122/3), Starliner (N 52XX/N 516), Tourliner (N 2216)		Knecht/Mahle OX 146D ECO
Temsa Diamond		
Van Hool AGG300, T917 Acron/Altano, TD924 Astromega		
MAN Lion's City (A20/A21), Lion's Classic Ü (A72), Lion's Coach (RH/FRH), Lion's Comfort (RN313/353), Lion's Regio (R12), Lion's Star (A03/R02), EL (A12), NG (A11/A23), NL (A10/A15/A21)	9020 121 102	Hengst E251H D11
Mercedes-Benz O 405 N, O 407, O 408		MANN H 12 110/2 x
Neoplan Centroliner (N 45XX), Trendliner (N 3516)		Knecht/Mahle OX 69D
Setra S 309 HD, S 315/317/319 GT-HD, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL		
Temsa Safari		
VDL Bova Futura		
MAN Lion's City (A35/A47/A66/A78)	9020 009 510	Hengst E172H D35
		MANN HU 951 x
Mercedes-Benz Citaro II (O 530), Travego I (O 580), Tourismo	9020 121 400	Hengst E500H D129
Setra S 315/317 HDH/3, S 315/317/319 GT-HD, S 411/415 HD, S 415/416/417 HDH, S 431 DT		MANN HU 12 140 x
		Knecht/Mahle OX 168 D
Mercedes-Benz O 309, O 402	9020 009 471	Hengst E197H D06
		MANN HU 947/1 x
Scania K94/114/124/230/250/270/310/340/360/380/420, L94, N94, OmniCity, OmniExpress, OmniLine,	9022 314 402	Hengst H200W20
Irizar Century/ i4/PB		MANN W 11 102/37
Volvo B7L, B9L, B9R, B9TL, B12, B12B, B12R, B13R		Knecht/Mahle OC 246
Scania K94/114/124/380, L94	9021 110 227	Hengst H 200 W 04
Volvo B7L, B9L, B9R, B9TL, B12, B12B, B12R, B13R		MANN W 11 102/27
Setra S 319 GT-HD	9020 009 472	Hengst E161H D28
		MANN HU 947/2 x
Solaris Urbino II/III, Vacanza	9020 001 270	Hengst E34H D213
Temsa Safari		MANN HU 1270 x
Van Hool AG300, AGG300		Knecht/Mahle OX 359 D
VDL Bova Futura, Lexio, Magiq		
Solaris Vacanza	9020 012 103	Hengst E89HD213
Temsa Safari		MANN HU 12 103 x
Van Hool T		Knecht/Mahle OX 434D
VDL Magiq, Synergy		
Volvo B7L, B7R, B10B, B10M, B12	9025 540 040	Hengst H200W10
		MANN W 11 102/36
		Knecht/Mahle OC 121
Volvo B7L, B9R, B9L, B9TL, B12, B12B, B12R, B13R	9021 110 200	Hengst H200WN01
		MANN WP 11 102/3
		Knecht/Mahle OC 121



Oil filter



This figure corresponds to 9020 009 510

suitable for	Order no.	Comparative no.
Citroën Jumper (244), 04/2002-, 4006625	9020 001 144	MANN WP 1144 Hengst H 210 WN
Fiat Ducato (244), 07/2002-		
Iveco Daily, 05/1999-	9020 007 181	Hengst E11H D57 MANN HU 718/1 k
Peugeot Boxer (244), 04/2002-		
Mercedes-Benz Sprinter (901, 902, 903, 904, 905, 906), 04/2000- Vito (W639) 109/111/115 CDI, 2003-	9020 009 510	Hengst E172H D35 MANN HU 951 x
Mercedes-Benz Sprinter (901, 902, 903, 904), -05/2006		
VW Crafter (2E), 04/2006-, LT 28-46, 09/1996-07/2006	9020 007 262	Hengst E154H D48 MANN HU 726/2 x



Rotor
for oil centrifuge



suitable for	Order no.	Comparative no.
Irisbus Arès, Evadys, Iliade	9020 000 904	Hengst Z13 D94 MANN ZR 904 x





Fuel filter



This figure corresponds to 9020 009 991

suitable for	Order no.	Comparative no.
DAF XF95, CF85, CF75	9020 009 992	Hengst E66KP D36 MANN PU 999/2 x Knecht/Mahle KX 181D ECO
DAF XF Euro 6 (2012-), XF105, XF95, CF Euro 6 (2013-), CF85, CF75	9020 000 420	Hengst H710WK MANN PL 420 x Knecht/Mahle KC 296D
DAF XF105, CF85, CF75	9020 009 661	Hengst E82KP D36 MANN PU 966/1 x Mahle/Knecht KX 262 D
Iveco EuroCargo I, EuroTech, MK, P/PA, TurboStar	9020 000 210	Hengst H60WK01 MANN WK 731 Knecht/Mahle KC 6
Iveco EuroCargo I, EuroTrakker	9025 505 880	Hengst H70WK MANN WK 842
Iveco Stralis I, EuroStar, EuroTech, EuroTrakker, Trakker I	9020 001 149	Hengst H152WK MANN WK 1149 Knecht/Mahle KC 171
Iveco Stralis, EuroTech, EuroCargo I/II, Trakker I/II	9022 450 000	Hengst H70WK09 MANN WK 950/6 Knecht/Mahle KC 186
MAN M90, G90 Volvo FH16, FL6, FL7, FL10, F7, F10, F12, F16	9025 530 040	Hengst H60WK07 MANN WK 723
MAN TGA	9020 000 855	Hengst E56KP D72 MANN PU 855 x Knecht/Mahle KX 73/1D ECO
MAN TGA, F2000, M2000L/M, L2000, M90	9027 240 001	Hengst H70WDK14 MANN WDK 725 Knecht/Mahle KC 102
MAN TGX (2013-), TGX (2007-), TGS, TGA, TGM, TGL	9020 001 059	Hengst E422 KP D98 MANN PU 1059 x Knecht/Mahle KX 191/1 D
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III	9020 009 991	Hengst E500KP02D36 MANN PU 999/1 x Knecht/Mahle KX 80 D
Mercedes-Benz Axor I/II/III, Atego I/II/III, Econic, Unimog, Vario, Zetros	9020 010 461	Hengst E52KP D36 MANN PU 1046/1 x
Mercedes-Benz LK/LN2, MK, NG, Unimog	9022 106 100	Hengst E5KFR2 D12 MANN BFU 700x
Mercedes-Benz SK, MK, NG, Unimog (U900)	9025 503 490	Hengst E10KFR4 D10 MANN BFU 900 x Knecht/Mahle KX 65D ECO
Renault Magnum I, Premium I, Midlum II, Kerax I	9020 094 020	Hengst H18WDK02 MANN WK 940/20

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suitable for	Order no.	Comparative no.
Scania R, G, P, 124	9020 009 411	Hengst E68KP01 D73 MANN PU 941/1 x Knecht/Mahle KX 182D ECO
Scania R, G, P, 164	9020 000 941	Hengst E57KP D73 MANN PU 941 x
Scania 93, 113, 143, 82, 92, 112, 142	9025 530 050	Hengst H60WK08 MANN WK 723/1
Scania P, 94, 114, 124, 144	9020 000 818	Hengst H17WK04 MANN WK 940/12 Knecht/Mahle KC 186
Volvo FH II (2002-), FH12, FH16, FM9, FM12	9020 111 021	Hengst H200WDK MANN WDK 11 102/9 Knecht/Mahle KC 251
Volvo FH12, FM7 I (-2001)	9020 010 603	Hengst H7090WK30 MANN WK 1060/3 x Knecht/Mahle KC 249D
Volvo FH12, FM7 I (-2001), FM10, FM12, FL12, NH12	9020 000 648	Hengst H18WK03 MANN WK 962/7 Knecht/Mahle KC 75



Fuel filter

This figure corresponds to 9027 240 001



suitable for	Order no.	Comparative no.
Fast Scoler III, Syter (Euro 4)	9020 001 059	Hengst E422 KP D98
MAN Lion's City (A20/A21/A23/A37/A47/A78), Lion's Coach (R07/R08), Lion's Regio (R12/R13)		MANN PU 1059 x
Neoplan Cityliner (N 12XX), Skyliner (N 1122/2011-), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516)		Knecht/Mahle KX 191/1 D
Heuliez GX 327, 427	9020 000 210	Hengst H60WK01
Irisbus Arway, Arway LE, Citelis, Crossway LE, Evadys, Magelys, Récréo II		MANN WK 731 Knecht/Mahle KC 6
Irisbus Agora, Citelis, Evadys, New Domino	9020 001 149	Hengst H152WK
Iveco CityClass		MANN WK 1149 Knecht/Mahle KC 171
Irisbus Arès, Iliade	9020 094 020	Hengst H18WDK02 MANN WK 940/20
Irisbus Euroider	9022 450 000	Hengst H70WK09
Iveco CityClass		MANN WK 950/6 Knecht/Mahle KC 186
MAN Lion's City (A20/A21), Lion's Coach (R07/R08), Lion's Regio (R12), Lion's Star (R02/R03), NL (A21)	9020 000 855	Hengst E56KP D72
Neoplan Centroliner (N 45XX), Tourliner (N 2216), Trendliner (N 3516)		MANN PU 855 x Knecht/Mahle KX 73/1D ECO

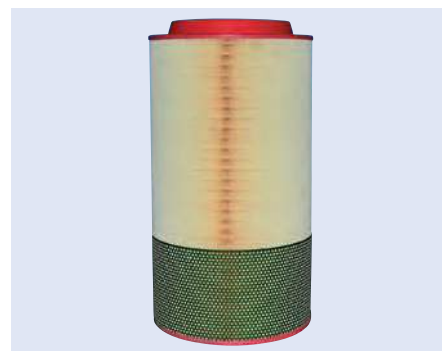
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suitable for	Order no.	Comparative no.
MAN Lion's City (A21), Lion's Classic Ü (A72), EL (A12), NG (A11/A23), NL (A10/A15), NÜ (A20)	9027 240 001	Hengst H70WDK14
Mercedes-Benz Integro II (O 550), Tourino (O 510), Turismo I (O 350), Travego I (O 580)		MANN WDK 725
Neoplan Centroliner (N 44XX), Euroliner (N 3316), Megashuttle (N 4032), Starliner (N 22X)		Knecht/Mahle KC 102
Setra S 312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 328 DT, S 315 GT, S 315/317/319 GT-HD, S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL, S 417 UL		
Solaris Urbino II		
Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345), Integro II (O 550), Turismo I/II (O 350), Travego I (O 580)	9020 009 991	Hengst E500KP02D36
Setra S 315/317 HDH/3, S 315 GT, S 315/317/319 GT-HD, S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL, S 411/415 HD, S 415/416/417 HDH, S 431 DT, S 415/416/417 GT-HD, S 415 NF, S 415/417/419 UL		MANN PU 999/1 x
Mercedes-Benz Citaro I (O 530), Conecto I (O 345)	9020 010 603	Knecht/Mahle KX 80 D
Scania K94/114/124, N94, OmniCity, OmniLine, OmniLink		Hengst H7090WK30
Solaris Urbino III		MANN WK 1060/3 x
Volvo B7R, B12		Knecht/Mahle KC 249D
Mercedes-Benz Citaro II (O 530), Conecto I (O 345), Intouro II, Tourino (O 510), Turismo I/II (O 350), Travego I (O 580)	9020 010 461	Hengst E52KP D36
Setra S 315 UL, S 415 HD, S 415/417 GT-HD, S 415/417/419 UL		MANN PU 1046/1 x
Mercedes-Benz O 405 N, O 407, O 408, Turismo I (O 350)	9025 503 490	Hengst E10KFR4 D10
Setra S 309 HD		MANN BFU 900 x
Mercedes-Benz Turismo I (O 340)	9022 106 100	Knecht/Mahle KX 65D ECO
Scania K93/113, L113, N113	9025 505 880	Hengst E5KFR2 D12
Scania K94, OmniCity, Irizar Century	9020 000 818	MANN BFU 700x
Scania K94/270/380, N94, OmniExpress, Irizar Century/PB	9020 009 411	Hengst H70WK
Solaris Urbino III, Vacanza	9020 009 661	MANN WK 842
Van Hool A330, CL915/916, T915/916/917/918/919, TD925/927		Hengst H17WK04
VDL Bova Futura, Magiq, Synergy		MANN WK 940/12
Solaris Urbino III	9020 009 992	Knecht/Mahle KC 186
VDL Bova Futura		Hengst E68KP01 D73
Solaris Urbino III	9020 000 420	MANN PU 941/1 x
VDL Bova Futura		Knecht/Mahle KX 182D ECO
Volvo B7L, B7R, B10M, B12, 5000, 7000, 8700,	9020 000 648	Hengst E82KP D36
Volvo B9, B9L, B9R, B9TL, B12B, B12R, B13R, 7000, 8500, 8700, 9700, 9900	9020 111 021	MANN PU 966/1 x
Volvo B9M, B10B, B10M, B12	9025 530 040	Mahle/Knecht KX 262 D
		Hengst E66KP D36
		MANN PU 999/2 x
		Knecht/Mahle KX 181D ECO
		Hengst H710WK
		MANN PL 420 x
		Knecht/Mahle KC 296D
		Hengst H18WK03
		MANN WK 962/7
		Knecht/Mahle KC 75
		Hengst H200WDK
		MANN WDK 11 102/9
		Knecht/Mahle KC 251
		Hengst H60WK07
		MANN WK 723



Air filter



This figure corresponds to 9022 712 501

suitable for	Order no.	Comparative no.
DAF 95, 3600, 3300, 2800, 2700, 2300, 2100, 1900, 1700	9020 007 020	Hengst E115L
Iveco M, MK, P/PA		MANN C 20 325/2
MAN M2000L, L2000, M90, G90		Knecht/Mahle LX 275
Mercedes-Benz SK, Unimog (U110/130/140)		
Volvo FLC		
DAF CF85	9022 711 704	Hengst E541L01
		MANN C 27 1170/4
Iveco Stralis I, EuroCargo I, EuroTech, EuroTrakker	9020 007 080	Hengst E118L
MAN F2000, F90, M90		MANN C 30 850/7
		Knecht/Mahle LX 273
MAN F2000, F90	9020 025 264	Hengst E237L
		MANN C 30 1353
MAN M2000L/M, L2000, M90	9020 025 496	Hengst E307L
Mercedes-Benz Unimog (U300/400)		MANN C 25 730/1
		Knecht/Mahle LX 560/1
MAN TGX (2013-), TGX (2007-), TGS, TGA	9022 712 501	Hengst E428L01
		MANN C 27 1250/1
		Knecht/Mahle LX 1024
Mercedes-Benz Actros I/MP2/MP3, Axor I	9020 421 404	Hengst E297L
		MANN C 42 1404
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III	9022 713 201	Hengst E603L
		MANN C 27 1320/1
		Knecht/Mahle LX 1734
Renault Magnum I, Premium I, Midlum I	9020 321 447	Hengst E452L
Volvo FE II (2013-), FE I, FL III (2013-), FL II		MANN C 31 1410
		Knecht/Mahle LX 713
Scania R, G, P, 94, 114, 124	9022 531 400	Hengst E451L
		MANN C 30 1240
Volvo FH II (2002-), FH12, FM12, FMX	9020 341 500	Hengst E420L
		Knecht/Mahle LX 1281
		MANN C 34 1500/1
Volvo FH II (2002-), FM II, FM7 I (-2001), FM9, FM10, FM12, FMX	9022 563 100	Hengst E496L01
		MANN C 31 1345/1
		Knecht/Mahle LX 1587



Air filter



This figure corresponds to 9022 563 100

suitable for	Order no.	Comparative no.
Fast Scoler	9020 321 447	Hengst E452L
Irisbus Arès, Iliade		MANN C 31 1410
		Knecht/Mahle LX 713
Fast Syter	9020 007 080	Hengst E118L
MAN Lion's Coach (A13/A32), Lion's Star (R02)		MANN C 30 850/7
Mercedes-Benz Tourismo I (O 350)		Knecht/Mahle LX 273
Neoplan Centroliner (N 45XX), Tourliner (N 2216)		
Setra S 312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 328 DT		
Solaris Urbino II		
Temsa Safari		
MAN Lion's City (A20/A21/A23), NG (A23), NL (A21), NÜ (A20)	9020 025 978	Hengst E426L
Neoplan Centroliner (N 45XX)		MANN C 25 978
		Knecht/Mahle LX 619
MAN NM	9020 007 020	Hengst E115L
Mercedes-Benz O 404		MANN C 20 325/2
		Knecht/Mahle LX 275
Temsa Safari	9020 025 496	Hengst E307L
		MANN C 25 730/1
		Knecht/Mahle LX 560/1
Volvo B7L, B7R, B9R, B13R, 5000, 7000, 8700, 9700, 9900	9022 563 100	Hengst E496L01
		MANN C 31 1345/1
		Knecht/Mahle LX 1587





Air filter



This figure corresponds to 9020 017 337

suitable for	Order no.	Comparative no.
Iveco Daily 29/35, 05/1999-, 8140.63/8140.43B/8140.43C Daily 29/35, 09/2002-, F1AE0481A/F1AE0481B Daily 29, 11/2001-, 8140.43S Daily 29, 11/2001-, F1AE0481M Daily 35/50/65, 11/2001-, 8140.43N Daily, 05/2006-09/2011, F4L 913	9020 017 337	Hengst E434L MANN C 17 337
Mercedes-Benz Sprinter 2-t (901, 902) 208/210/211/212/213/216 CDI/D, 4x4, 1995-2006 Sprinter 3-t (903) 308/310/311/312/313/314/316 CDI/D, 4x4, 1995-2006 Sprinter 4-t (904) 408/410/411/413/416 CDI/D, 4x4, 1995-2006 Vito 108/110/112 CDI, 1999-2003	9020 032 338	Hengst E240L MANN C 32 338
VW LT 28-35 II (2DM), 2.5/2.8 TDI, 1996-2006 LT 28-46 II (2DX0AE), 2.5/2.8 TDI, 1996-2006		



Air filter cartridge
for turbocharger



suitable for	Order no.	Comparative no.
Heuliez GX 437 Iveco Stralis I/II AD/AS, EuroStar, EuroTech, EuroTrakker, Trakker I/II, Strator CityClass Irisbus Agora, Citelis, Crealis, Domino, Evadys, Eurorider, Magelys, Récréo	9020 000 777	MANN C 77/7

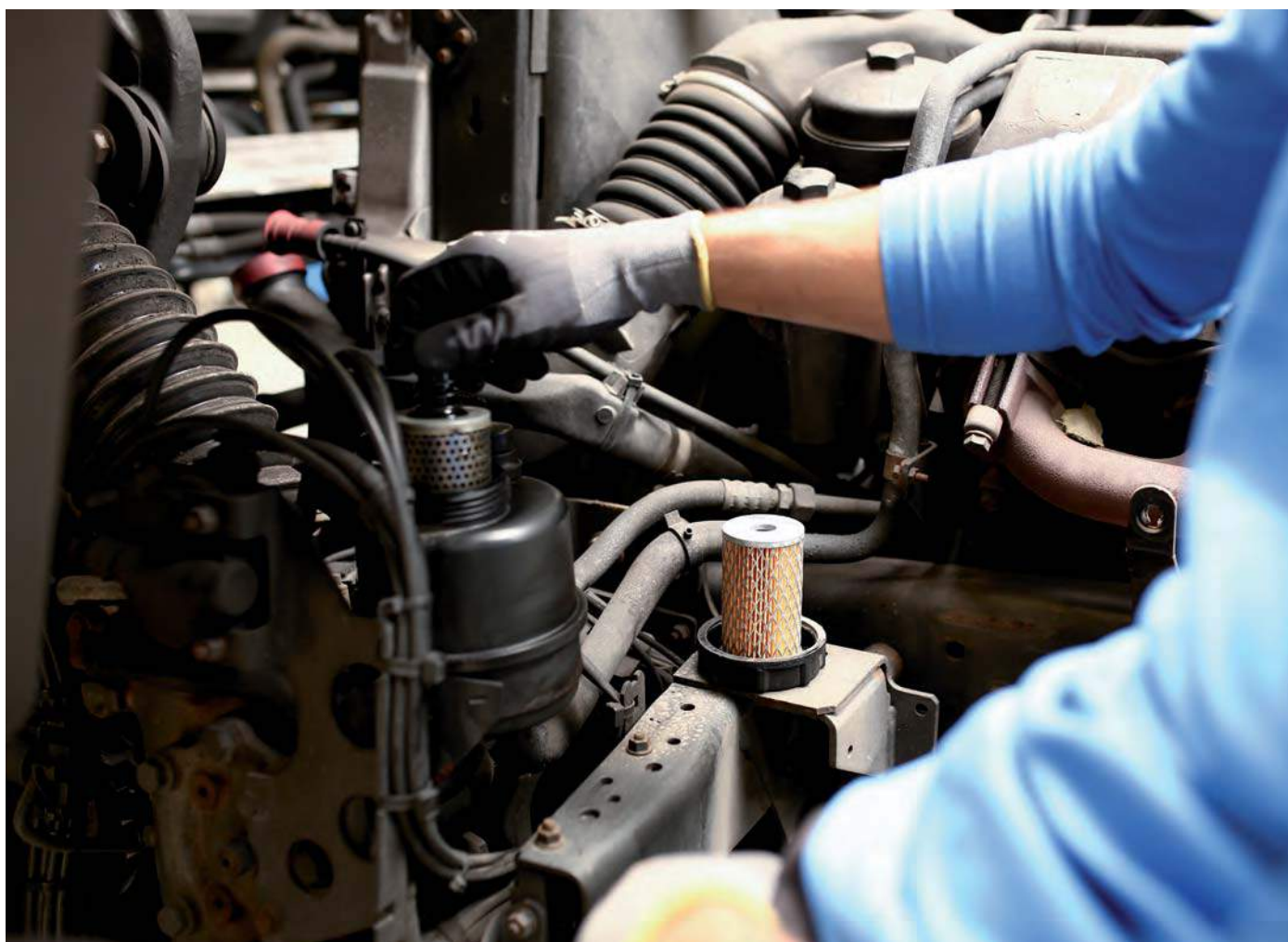


Hydraulic filter



This figure corresponds to 9025 503 090

suitable for	Version	Order no.	Comparative no.
Claas	for automatic	9020 013 742	Hengst H213W
Demag	gearbox		MANN W 1374/2
Liebherr			
Terex			
Zetor			
DAF XF Euro 6 (2012-), XF105, XF95, CF Euro 6 (2013-), CF85, LF45	for steering	9025 503 090	Hengst E10H02
Iveco Stralis I/II/III (Hi-Road/Hi-Street), EuroCargo I/II, EuroFire, EuroStar, EuroTech, EuroTrakker, Trakker I/II/III (Hi-Land)			MANN H 601/4
MAN TGX, TGS, TGA, TGM, TGL			Knecht/Mahle HX 15
Mercedes-Benz New Actros (2012-), Actros I/MP2/MP3, Axor I/II/III, Atego I/II/III			
Renault T-Truck (2013-), Magnum I/II/III, Premium I/II, Midlum I/II, C-Truck (2013-), K-Truck (2013-), Kerax I/II			
Scania R, G, P, 94, 114, 124, 144, 164			
Volvo FH II (2002-), FH12, FH16 I, FM, FE I (2006-), FMX			





Hydraulic filter



This figure corresponds to 9020 007 101

suitable for	Version	Order no.	Comparative no.
Heuliez GX 117/317/437 Irisbus Agora, Arès, Arway, Axer, Citelis, Crossway LE, Eurorider, Evadys, Iliade, Magelys, New Domino, Récréo Iveco CityClass, EuroClass MAN Lion's City (A20/A21/A23/A37/A47), Lion's Classic Ü (A72), Lion's Coach (R07/R08), Lion's Regio (R12/R13), EL (A12), NG (A11/A23), NL (A10/A15) Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345), Intouro II, O 405 N, O 407, O 408, Tourino (O 510), Turismo II, Travego I (O 580) Neoplan Centroliner (N 45XX), Cityliner (N 12XX), Skyliner (N 1122/2011-), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516) Scania K94/114/124/230/250/270/310/340/360/380/420, L94, N94, OmniCity, OmniExpress, OmniLine, Irizar Century/i4/PB Setra S 309/312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 328 DT, S 315 GT, S 315/317/319 GT-HD, S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL, S 411/415 HD, S 415/417 HDH, S 431 DT, S 415 GT-HD, S 416 GT-HD/2, S 415 NF, S 415 UL Solaris Urbino III Temsa Safari VDL Bova Futura, Lexio, Magiq, Synergy Volvo B7R, B9L, B9R, B9TL, B10B, B12	for steering	9025 503 090	Hengst E10H02 MANN H 601/4 Knecht/Mahle HX 15
Heuliez GX 217/317/437 Irisbus Agora, Arway, Arès, Axer, Citelis, Crealis, Domino, Eurorider, Evadys, Iliade, Magelys, Récréo Iveco CityClass MAN EL (A12), NG (A11), NL (A10/A15) Mercedes-Benz CapaCity (O 530 GL), Citaro I/II (O 530), Conecto I (O 345), O 404, O 405 N, O 407, O 408 Scania K360, Irizar PB, OmniCity, OmniLine, OmniLink Setra S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL Temsa Avenue LF VDL Bova Lexio Volvo B6LE, B6R, B9M, B12	for automatic gearbox	9020 007 101	Hengst E39H D119 MANN H 710/1 x Knecht/Mahle HX 40



Cabin filter

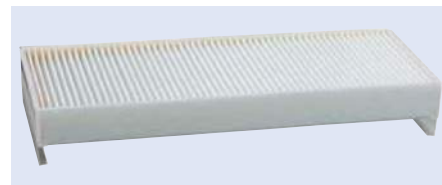


This figure corresponds to 9020 038 690

suitable for	Order no.	Comparative no.
DAF 85CF, CF75, 75CF, CF65, 65CF	9020 130 504	Hengst E945LI MANN CU 4228
DAF CF85, CF75, CF65	9020 130 521	Hengst E969LI MANN CU 2534
DAF CF85, CF75, CF65	9020 130 520	Hengst E969LC MANN CUK 2534
DAF LF55, LF45 Renault Premium I/II, Midlum I, Kerax I	9020 130 532	Hengst E2927LI MANN CU 2303
DAF XF105 Volvo FH II (2002-), FH12, FH16, FM7 I (-2001), FM9, FM10, FM12, FMX	9020 002 184	Hengst E947LI MANN CU 2184 Knecht/Mahle LA 148
DAF XF Euro 6 (2012-), XF105, XF95, 95XF, CF85	9020 130 503	Hengst E944LI MANN CU 3132
Iveco Stralis I, EuroStar, EuroTech, EuroTrakker	9020 130 527	Hengst E938LI MANN CU 4466
Iveco Stralis I/II/III (Hi-Road/Hi-Street), Trakker I/II/III (Hi-Land), Strator	9020 130 528	Hengst E1908LI MANN CU 4594
MAN L2000	9020 130 501	Hengst E949LI MANN CU 37 230
MAN TGA, F2000, M2000	9020 040 110	Hengst E906LI MANN CU 40 110
MAN TGX, TGS, TGA, TGM, TGL	9020 047 950	Hengst E954LI MANN CU 4795 Knecht/Mahle LA 154
MAN TGX (2007-), TGX (2013-), TGS, TGA, TGM, TGL	9020 479 500	Hengst E954LC MANN CUK 4795 Knecht/Mahle LAK 154
Mercedes-Benz Actros I	9020 130 548	Hengst E1904LI
Mercedes-Benz Actros I/MP2/MP3, Atego I/II/III, Econic	9020 038 690	Hengst E931LI MANN CU 3869 Knecht/Mahle LA42/1
Mercedes-Benz Actros I/MP2/MP3, Zetros	9020 003 855	Hengst E982LI MANN CU 3855
Mercedes-Benz Actros MP2/MP3, Econic, Zetros	9020 130 502	Hengst E931LC MANN CUK 3823
Mercedes-Benz Atego I/II/III, Econic	9020 130 514	Hengst E933LI MANN CU 5877
Mercedes-Benz Axor I/II, Atego I, Econic I	9020 130 526	Hengst E980LI MANN CUK 4469
Mercedes-Benz New Actros (2012-), Antos, Arocs	9020 130 842	Hengst E2986LC MANN CUK 32 001
Scania R, G, P	9020 130 563	Hengst E2960LI MANN CU 37 001
Scania R, G, P, 94, 114, 124, 144, 164	¹ 9020 130 522	Hengst E956LI01 MANN CU 1722
Scania R, G, P, 94, 114, 124, 144, 164	² 9020 130 518	Hengst E956LI01 MANN CU 1722

¹ Pollen filter

² Activated charcoal filter



Cabin filter

This figure corresponds to 9020 047 950

suitable for	Order no.	Comparative no.
Heuliez GX 117 Irisbus Agora, Agora CNG, Arès, Arway Axe, Citelis, Citelis CNG, Civis, Crealis, Crealis CNG, Domino, Europolis, Eurorider, Evadys, Iliade, Midys, Moovy, Récréo I Iveco CityClass, EuroClass MAN Lion's City (A20/A21/A23/A26/A37), Lion's Regio C/L, NG (A23/A24), NL (A21/A26), NÜ (A20/A25) Mercedes-Benz Citaro I/II (O 530), Conecto I (O 345), Travego I (O 580) Neoplan Centroliner (N 44XX/45XX) Scania OmniCity, OmniLine, OmniLink Setra S 415/416 H, S 415/416 NF, S 416 UL Volvo 7700, 7700 CNG	9020 130 516	Hengst E929LI MANN CU 4627
Irisbus Arway, Crossway MAN Lion's City (A21/A23/A26/A22/A78), Lion's Coach (R09) Mercedes-Benz CapaCity (O 530 GL), Citaro I/II/C2 (O 530), Integro I/II (O 550), Intouro II, Turismo II, Travego I (O 580) Neoplan Cityliner (N 12XX), Starliner (N 52XX), Trendliner (N 3516) Scania K270, OmniCity, OmniExpress, OmniLine, OmniLink, Irizar i4 Setra S 411/415 HD, S 415/416/417 HDH, S 431 DT, S 415/416 GT, S 415/416/417/419 GT-HD, S 412/415/416/417/419 UL Solaris Alpino, Urbino, Vacanza Temsa Diamond Van Hool A308/330, AG300	9020 130 542	Hengst E1994LI MANN CU 4662
Irisbus Crossway Mercedes-Benz Integro I/II (O 550), Travego (O 580), Turismo II, Travego I (O 580) Setra S 411/415 HD, S 415/416/417 HDH, S 415 GT, S 415/416/417 GT-HD, S 412/415/416/417/419 UL Irisbus Daily Récréo, Daily Tourys (11/2006-)	9020 130 543	Hengst E2942LI MANN CU 5067
MAN Lion's City (A20/A21/A22/A23/A26/A35/A37/A39/A66/A78), NG (A23/A24), NL (A15/A21/A22/A26/A37), NM (A35/A47), NÜ (A20/A25) Neoplan Centroliner (N 44XX/45XX)	9020 130 170	Hengst E2953LI MANN CU 2952
MAN Lion's City (A20/A21/A22/A23/A26/A35/A37/A39/A66/A78), NG (A23/A24), NL (A15/A21/A22/A26/A37), NM (A35/A47), NÜ (A20/A25) Neoplan Centroliner (N 44XX/45XX)	9020 130 572	Hengst E2926LI MANN CU 2101
MAN Lion's City (A20/A21/A22/A23/A26/A35/A37/A39/A66/A78), NG (A23/A24), NL (A15/A21/A22/A26/A37), NM (A35/A47), NÜ (A20/A25) Neoplan Centroliner (N 44XX/45XX)	9020 130 525	Hengst E995LI MANN CU 4036
MAN Lion's City (A20/A21/A22/A23/A26/A35/A37/A39/A66/A78), NG (A23/A24), NL (A15/A21/A22/A26/A37), NM (A35/A47), NÜ (A20/A25) Neoplan Centroliner (N 44XX/45XX)	9020 130 551	Hengst E2941LI MANN CU 3959
MAN Lion's City (A20/A21/A22/A23/A26/A35/A37/A39/A66/A78), NG (A23/A24), NL (A15/A21/A22/A26/A37), NM (A35/A47), NÜ (A20/A25) Neoplan Centroliner (N 44XX/45XX)	9020 130 507	Hengst E966LI MANN CU 45 120
MAN Lion's Coach (R07/R08), Lion's Regio (R12/R13) Neoplan Cityliner (N 12XX), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516)	9020 047 950	Hengst E954LI MANN CU 4795 Knecht/Mahle LA 154
MAN Lion's Regio (R12/R13) Neoplan Tourliner (N 2216), Trendliner (N 3516)	9020 479 500	Hengst E954LC MANN CUK 4795 Knecht/Mahle LAK 154
Mercedes-Benz CapaCity (O 530 GL), Citaro I/II (O 530)	9020 130 541	Hengst E2950LI MANN CU 50 102
Mercedes-Benz CapaCity (O 530 GL), Citaro I/II (O 530), Conecto I (O 345)	9020 130 529	Hengst E999LI MANN CU 5096
Mercedes-Benz Integro II (O 550)	9020 130 545	MANN CU 155 0037
Setra S 309/312/315 HD, S 315 HDH, S 328 DT, S 315 GT-HD, S 319 NF, S 313/319 UL, SG 321 UL Neoplan Cityliner (N 116), Jetliner (N 214/216), Skyliner (N 122), Spaceliner (N 117), Transliner (N 316/321)	9020 130 506	MANN CU 4580

Continued on the next page ...

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suitable for	Order no.	Comparative no.
Neoplan Starliner (N 516)	9020 130 508	Hengst E925LC MANN CUK 4062
Setra S 431 DT	9020 130 535	Hengst E2952LI MANN CU 2916
Setra S 431 DT	9020 130 534	Hengst E2938LI MANN CU 6034
Van Hool A308/330, AG300, T917 Acron/Altano, TD924 Astromega Volvo B7R, B7R LE, B9, B9M, B9R, B9TL, B10, B10M, B12, B12M, B13R, 7000, 7700, 7700 CNG, 8500, 8700, 8900, 9700, 9900	9020 130 533	Hengst E2911LI MANN CU 4150

3

Filters



EUROPART Cabin filter

- "Made in Germany" quality
- 2-layer particle textile ("melt-blown" coated and water repellent) ensures high separation rates
- 4-layer combination material (activated carbon) ensures high separation rates as well as high absorption of gaseous pollutants
- high-quality activated carbon on coconut basis
- exact fit and robust construction (front reinforced with plastic angles)
- very good sealing behaviour towards the frame through the use of polyurethane

EUROPART
GOOD TO KNOW



Electrics and lighting

Lamps.....	46–49
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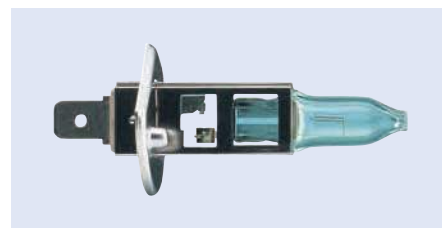


H1 halogen headlamp bulb

Socket P 14,5 s

Application range

for high beam/low beam and fog light



Voltage	Power	Order no.
12 V	55 W	8900 518 360
24 V	70 W	8900 040 100



H3 halogen headlamp bulb

Socket PK 22 s

Application range

for low beam/high beam/fog light and worklight



Voltage	Power	Order no.
12 V	55 W	8900 534 560
24 V	70 W	8900 009 000

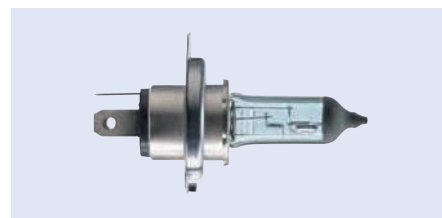


H4 halogen headlamp bulb

Socket P43t-38

Application range

for low beam/high beam/fog light



Voltage	Power	Version	Order no.
12 V	60/55 W		8900 099 560
24 V	75/70 W		8900 006 000
24 V	75/70 W	Heavy duty	8900 008 000

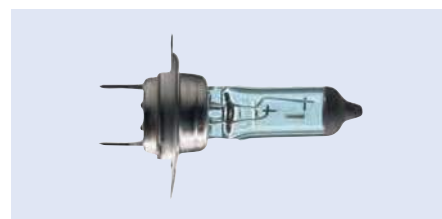


H7 halogen headlamp bulb

Socket PX 26 d

Application range

for low beam/high beam/fog light



Voltage	Power	Version	Order no.
12 V	55 W		8900 010 300
24 V	70 W		8900 001 030
24 V	70 W	Heavy Duty	8900 581 060



Headlamp bulb

Form R2
Voltage 24 V
Power 55/50 W
Socket P45t-41

Application range
for main headlights

Order no.
8900 040 050



Bulb

Form P21W
Power 21 W
Socket BA 15 s

Application range
for indicator, brake, rear fog, reversing lights

Voltage	Version	Order no.
12 V		8900 020 000
24 V		8900 003 000
24 V	Heavy Duty	8900 010 000



Bulb

Form P21/5W
Power 21/5 W
Socket BAY 15 d

Application range
for brake, tail and rear fog light

Voltage	Order no.
12 V	8900 021 000
24 V	8900 013 000



Bulb

Form PY21W
Voltage 24 V
Power 21 W
Socket BAU 15 s
Version Heavy duty
Installation location front/rear

Application range
for indicators

Order no.
2750 003 496





Bulb

Form H21W
Voltage 24 V
Power 21 W
Socket BAY 9 s

Application range

for indicator, stop, rear fog, reversing and interior light

Order no.

2750 004 356



Bulb

Form R5W
Power 5 W
Socket BA 15 s

Application range

for tail/licence plate/position and interior light

Voltage	Version	Order no.
12 V		8900 017 000
24 V		8900 001 000
24 V	Heavy Duty	8900 011 000



Bulb

Form R10W
Power 10 W
Socket BA 15 s

Application range

for tail, licence plate, position and interior lights

Voltage	Version	Order no.
12 V		8900 018 000
24 V		8900 002 000
24 V	Heavy Duty	8900 012 000



Bulb

display bulb

Form T2W
Voltage 24 V
Power 2 W
Socket BA 9 s

Application range

for clearance light and interior light

Order no.

8900 016 000





Bulb

Form T4W
Power 4 W
Socket BA 9 s

Application range

for clearance, interior and number plate lights



Voltage	Version	Order no.
12 V		8900 979 473
24 V		8900 004 000
24 V	Heavy Duty	8900 030 080



Bulb

Glass-base bulb

Application range

for instrument lighting, clearance and indicator lights



Voltage	Form	Power	Socket	Ø	Length	Order no.
12 V	W5W	5 W	W2,1 x 9,5 d	10 mm	26,8 mm	8900 010 301
24 V	W1,2W	1,2 W	W2 x 4,6 d	5 mm	20 mm	3610 002 741
24 V	W3W	3 W	W2,1 x 9,5 d	10 mm	26,8 mm	3610 002 841
24 V	W5W	5 W	W2,1 x 9,5 d	10 mm	26,8 mm	8900 040 130



Bulb

festoon bulb

Ø 11 mm
Socket SV 8,5

Application range

for tail/licence plate/position and interior light



Form	Voltage	Power	Length	Order no.
C5W	12 V	5 W	35 mm	8900 024 000
C5W	24 V	5 W	35 mm	8900 005 000
Festoon T10,5 x 43	24 V	10 W	43 mm	8900 040 060



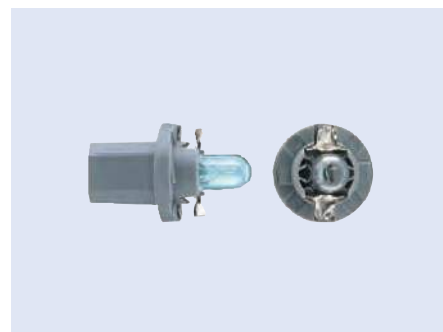
Bulb

Plastic base lamp

Voltage 24 V
Power 1,2 W
Socket B 8,5 d
Housing colour grey

Application range

for instrument lighting



Order no.

3610 004 068



Starter Motor

Voltage 24 V
Power 4 kW
Pinion teeth 10
Flange 3-hole



suitable for	Order no.	Comparative no.
DAF CF65, LF55, LF45	7063 002 314	Bosch 0 986 021 190



Starter Motor

Voltage 24 V
Power 4 kW
Pinion teeth 10
Flange 3-hole



suitable for	Order no.	Comparative no.
Irisbus MRC Renault Midliner M/S, Manager G, Maxter	7063 000 020	Bosch 0 986 010 990



Starter Motor

Voltage 24 V
Power 4 kW
Pinion teeth 9
Flange 3-hole



suitable for	Order no.	Comparative no.
Iveco EuroCargo I, M, P/PA, Zeta	7563 000 490	Bosch 0 986 011 330



Starter Motor

Voltage 24 V
Power 4 kW
Pinion teeth 11
Flange 3-hole



suitable for	Order no.	Comparative no.
MAN M2000L/M, L2000 Lion's City (A20/A21), NL (A21), NÜ (A20)	7563 002 318	Bosch 0 986 018 990



Starter Motor

Voltage 24 V
Power 5,4 kW
Pinion teeth 9
Flange 3-hole



suitable for	Order no.	Comparative no.
MAN TGA, E2000, F2000, F90 Lion's City (A20/A21/A23/A26), Lion's Classic Ü (A72), Lion's Coach (R07), Lion's Regio (R12), EL (A12), EM, NG (A11/A23), NL (A10/A15/A21), NÜ (A20), SÜ, ÜL Mercedes-Benz Axor II, SK, MK, NG Conecto I (O 345), Intouro I (O 560), O 404, Turismo I (O 350) Neoplan Centroliner (N 45XX), Tourliner (N 2216), Trendliner (N 3516) Setra S 309/312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 328 DT, S 315 GT, S 315/317/319 GT-HD Temsa Safari	7063 002 380	Bosch 0 986 011 570



Starter Motor

Voltage 24 V
Power 4 kW
Pinion teeth 10
Flange 3-hole



suitable for	Order no.	Comparative no.
MAN TGA, M2000L/M, L2000, M90, G90 Lion's City (A78), EM, NG (A11), NM, SÜ	7563 002 317	Bosch 0 986 020 070



Starter Motor

Voltage 24 V
Power 6,6 kW
Pinion teeth 9
Flange 3-hole



suitable for	Order no.	Comparative no.
MAN TGA Lion's Coach, Lion's Comfort, Lion's Star, NG (A23), NL (A21), SÜ Mercedes-Benz Citaro I (O 530), O 405 N, O 407, O 408 Neoplan Tourliner (N 2216) Setra S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL	7063 002 391	Bosch 0 986 011 510



Starter Motor

Voltage 24 V
Power 6,2 kW
Pinion teeth 11
Flange 3-hole flange



suitable for	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2/MP3, Axor I/II Citaro I (O 530), Conecto I (O 345), Tourismo I (O 350), Travego I (O 580)	7063 000 217	Bosch 0 986 020 880
Setra S 315 GT, S 315/317/319 GT-HD, S 315/319 NF, S 313/315/317 UL, S 315/319 UL-GT, SG 321 UL, S 415 HD, S 415/417 HDH, S 415/416/417 GT-HD		



Starter Motor

Voltage 24 V
Power 6,2 kW
Pinion teeth 11
Flange 3-hole flange



suitable for	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2/MP3, Axor I/II Citaro II/C2 (O 530)	7063 002 371	Bosch 0 986 018 370
Setra S 315/317/319 GT-HD, S 411/415 HD, S 415/416/417 HDH, S 431 DT, S 415/416 GT, 416/417 GT-HD		



Starter Motor

Voltage 24 V
Power 6,2 kW
Pinion teeth 11
Flange 3-hole flange



suitable for	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2/MP3 Travego I (O 580)	7063 002 370	Bosch 0 986 017 320



Starter Motor

Voltage 24 V
Power 4 kW
Pinion teeth 9
Flange 3-hole
Version relay on the underside



suitable for	Order no.	Comparative no.
Mercedes-Benz Axor I/II, Atego I/II, Econic, Unimog, Zetros, LK/LN2 Citaro I/II (O 530), Cito (O 520), Conecto I (O 345), Integro II (O 550), Tourino (O 510) Vario	7063 000 215	Bosch 0 986 017 240



Starter Motor

Voltage 24 V
Power 4 kW
Pinion teeth 9
Flange 3-hole



suitable for	Order no.	Comparative no.
Mercedes-Benz LK/LN2, MK, Unimog	9160 017 990	Bosch 0 986 017 990



Starter Motor

Voltage 12 V
Power 2 kW
Pinion teeth 10
Flange 2-hole



(Illustration similar)

suitable for	Order no.	Comparative no.
Mercedes-Benz Sprinter (901, 902, 903, 904), 01/1995-05/2006, OM 601.943, OM 602.980, OM 611.981, OM 611.987, Sprinter (906), 05/2006-, OM 646.984, Vito (W639), 09/2003-, OM 646.981, OM 646.982, OM 646.983, Vito (638), 03/1999-07/2003, Vito (W639), 09/2003-Vario	7063 002 210	Bosch 0 986 017 260



Starter Motor

Voltage 24 V
Power 6,7 kW
Pinion teeth 11
Flange 3-hole



suitable for	Order no.	Comparative no.
Scania P, 114, 124 K94/114/124/380, L94	7063 002 352	Bosch 0 986 017 760



Starter Motor

Voltage 24 V
Power 6,6 kW
Pinion teeth 12
Flange 3-hole



suitable for	Order no.	Comparative no.
Volvo FH II (2002-), FH12, FL12 B12, B12B, B12R	7063 000 224	Bosch 0 986 017 050



Alternator

Voltage	28 V
Charging current	80 A
Version	without belt pulley
Flange	3-hole flange



suitable for	Order no.	Comparative no.
DAF 95XF, 95, CF85/75, 85/75/65CF, 85/75/65, 55/45	7063 001 030	Bosch 0 986 037 770
MAN E2000, F2000, L2000, M2000L/M, F90		
Mercedes-Benz Atego I, LK/LN2, SK, MK, NG		



Alternator

Voltage	28 V
Charging current	80 A
Version	with belt pulley
Flange	3-hole flange



suitable for	Order no.	Comparative no.
DAF XF95	7063 001 031	Bosch 0 986 040 260
Mercedes-Benz Actros MP3, Axor I/II/III, Atego I/II/III, Econic, LK/LN2, Unimog Vario		



Alternator

Voltage	28 V
Charging current	90 A
Version	with pulley
Flange	2-hole



suitable for	Order no.	Comparative no.
Iveco Stralis I/II, EuroTech, EuroTrakker, Trakker I/II/III (Hi-Land)	7563 003 523	Bosch 0 986 045 170



Alternator

Voltage	28 V
Charging current	80 A
Version	with belt pulley
Flange	3-hole flange



suitable for	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2/MP3, Axor I/II, Atego I/II/III	7063 001 032	Bosch 0 986 039 790



Alternator

Voltage	28 V
Charging current	55 A
Version	without belt pulley
Flange	3-hole



suitable for	Order no.	Comparative no.
DAF 95XF, 85, 75, 65	7063 000 105	Bosch 0 986 030 520
MAN F2000, M2000L, L2000, F90, G90 Lion's Coach, Lion's Star		



Alternator

Voltage	28 V
Power	90 A
Version	with pulley
Flange	2-hole



suitable for	Order no.	Comparative no.
Iveco Stralis I/II, EuroStar, EuroTech, EuroTrakker, Trakker I CityClass	7063 000 033	Bosch 0 123 525 503



Alternator

Voltage	28 V
Charging current	35 A
Version	with pulley
Flange	3-hole



(Illustration similar)

suitable for	Order no.	Comparative no.
MAN E2000, F2000, M2000, L2000, F90, M90 EM, NM, SM	7562 000 709	Bosch 0 986 037 440
Mercedes-Benz LK/LN2, MK, NG, SK, Unimog		



Alternator

Voltage 28 V
Charging current 110 A
Version without belt pulley
Flange 3-hole



suitable for	Order no.	Comparative no.
MAN TGX (2013-), TGX (2007-), TGS, TGA, TGM, TGL Lion's City (A20/A21/A23/A26/A37/A39), Lion's Star, Lion's Coach, Lion's Regio (R12), EM, NG (A23), NL (A21), NÜ (A20), SÜ, ÜL Neoplan Centroliner (N 45XX), Tourliner (N 2216)	7063 000 014	Bosch 0 986 046 590



Alternator

Voltage 28 V
Charging current 80 A
Version without belt pulley
Flange 3-hole flange



suitable for	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III, Atego I/II/III, Unimog, Zetros, LK/LN2 Citaro I (O 530)	7063 000 003	Bosch 0 986 048 100



Alternator

Voltage 28 V
Charging current 100 A
Version without pulley
Flange 3-hole



suitable for	Order no.	Comparative no.
Mercedes-Benz Actros MP2/MP3, Atego I/II, Axor (2002-), Econic, Unimog (U300-500) Citaro I (O 530), Tourino (O 510)	7563 002 111	Bosch 0 986 042 390



Alternator

Voltage	28 V
Charging current	140 A
Version	without belt pulley
Flange	2-hole



(Illustration similar)

suitable for	Order no.	Comparative no.
Iveco CityClass	7063 001 450	Bosch 0 986 038 290
MAN Lion's Coach		
Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345), Integro II (O 550), O 404, O 405 N, O 407, O 408, Tourismo I/II (O 350), Travego I (O 580)		
Neoplan Skyliner		
Setra S 309/312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 328 DT, S 315 GT, S 315/317/319 GT-HD, S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL, S 411/415 HD, S 415/416/417 HDH, S 431 DT, S 416 GT-HD, S 415 NF, S 415/417/419 UL		



Alternator

Voltage	28 V
Charging current	100 A
Version	without belt pulley
Flange	3-hole



suitable for	Order no.	Comparative no.
Solaris Urbino III	7063 000 010	Bosch 0 986 046 570
Temsa Tourmalin		
VDL Citea, Bova Futura FHD, Bova Magiq, Bova Synergy		

EUROPART Starter/Generator

- production to the highest automotive standard, (ISO9001/TS16949) certified and continuously monitored
- highest quality, meets international quality standards as well as aftermarket specifications
- exclusively new components, without deposit or used part return
- 100 % accurate fit and ready for installation
- always up-to-date: continuous extension of the range
- sturdy packaging

EUROPART
GOOD TO KNOW





Starter battery

12 V, filled and charged

The wide range of EUROPART starter batteries for trucks and cars stands out particularly not only thanks to its excellent price-performance ratio but also through good start-up power, low water consumption, universal application possibilities, load capacity, long service life and reliability. It goes without saying that the quality requirements of EUROPART starter batteries comply with general DIN/EN standards.

Circuit 3

Cell type 1

Type	CCA	Capacity	Length x width x height	Bottom rail	Order no.
610 013 076	760 (A [EN])	110 Ah	514 x 175 x 210 mm	B03	9560 610 403
620 045 068	680 (A [EN])	120 Ah	513 x 189 x 223 mm	B00	9560 620 343
635 052 100	1000 (A [EN])	135 Ah	514 x 175 x 210 mm	B03	9560 635 393
640 035 076	760 (A [EN])	140 Ah	513 x 189 x 223 mm	B00	9560 640 203
640 036 076	760 (A [EN])	140 Ah	513 x 189 x 223 mm	B03	9560 635 313
643 033 095	950 (A [EN])	143 Ah	514 x 218 x 210 mm	B03	9560 643 233
655 013 090	900 (A [EN])	155 Ah	513 x 223 x 223 mm	B00	9560 643 173
680 032 100	1000 (A [EN])	180 Ah	513 x 223 x 223 mm	B00	9560 680 323
725 012 115	1150 (A [EN])	225 Ah	518 x 276 x 242 mm	B00	9560 710 143



Starter battery

EUROPART Plus, 12 V, filled and charged

In addition to the product advantages of the EUROPART standard starter battery, the EUROPART Plus is completely maintenance-free, has a central degassing vent, a safety cover providing flashback protection, Ca/Ca technology (Calcium/Calcium technology)

Design Super Heavy Duty

Standard EN-4, V3

Circuit 3

Cell type 1

Bottom rail B00

Type	CCA	Capacity	Length x width x height	Order no.
680 032 100	1000 (A [EN])	180 Ah	513 x 223 x 223 mm	9560 680 323
725 012 115	1150 (A [EN])	225 Ah	518 x 276 x 242 mm	9560 710 143



Lighting battery 12 V, filled and charged

Circuit 3
Cell type 1
Bottom rail B00



Type	Capacity	Length x width x height	Order no.
963 051 000	180 Ah	513 x 223 x 223 mm	9561 963 513
968 001 000	230 Ah	518 x 276 x 242 mm	9561 968 013



Starter battery 12 V, filled and charged

Cell type 1

This figure corresponds to 9560 585 152



Type	CCA	Capacity	Length x width x height	Bottom rail	Circuit	Order no.
574 104 068	680 (A [EN])	74 Ah	278 x 175 x 190 mm	B13	0	9560 572 172
590 122 072	720 (A [EN])	90 Ah	353 x 175 x 190 mm	B13	0	9560 588 332
591 400 074	740 (A [EN])	91 Ah	306 x 173 x 225 mm	B01	0	9560 585 162
591 401 074	740 (A [EN])	91 Ah	306 x 173 x 225 mm	B01	1	9560 585 152
595 402 080	800 (A [EN])	95 Ah	353 x 175 x 190 mm	B13	0	9560 592 172
600 047 060	600 (A [EN])	100 Ah	413 x 175 x 220 mm	B00	0	9560 600 263



Starter battery EUROPART Plus, 12 V, filled and charged

In addition to the product advantages of the EUROPART standard starter batteries, the EUROPART Plus is completely maintenance-free, has a central degassing vent, a safety cover providing flashback protection, an increased cold-start power and enhanced resistance to corrosion

Circuit 0
Cell type 1
Bottom rail B13

Type	CCA	Capacity	Length x width x height	Order no.
544 402 044	440 (A [EN])	44 Ah	207 x 175 x 175 mm	9561 544 402
560 409 054	540 (A [EN])	60 Ah	242 x 175 x 175 mm	9561 560 409
572 409 068	680 (A [EN])	72 Ah	278 x 175 x 175 mm	9561 572 409
580 406 074	740 (A [EN])	80 Ah	315 x 175 x 175 mm	9561 580 406

These Plus types cover up to 80% of existing motor vehicles

EUROPART Battery

- Made in Europe
- meet EN requirements (EN-2/EN-4)
- meet vibration resistance requirements (V1/V3)
- homogenous product marking
- wide range - covers 80 % of applications
- low water consumption according to EN

EUROPART starter batteries

- EUROPART starter batteries comply with the generally applicable DIN/EN standards
- economical price-performance ratio through good starting power and low water consumption
- universal applications, high capacity, durability and reliability

EUROPART Plus starter batteries

in addition to the conventional EUROPART standard starter batteries, EUROPART Plus batteries

- are completely maintenance-free
- have central degassing and a safety cover with protection against flashback
- meet V3 vibration resistance requirements
- meet the requirements of EN-4
- use advanced technology (calcium-calcium technology)

In 24 V systems, the two 12 V batteries must match!

For 24 Volts (= 2 x 12 Volts), there are 3 rules to obey:

- only pair batteries > 85 % with new batteries
- If the difference between the two batteries > 25 % => replace the weaker battery
- Replace batteries < 50 %

Benchmark: Battery life or cold start current

Case studies:



Difference < 25 %
Each battery above 50 %
both batteries OK

In practice, in spring both batteries would be left in place, in autumn however, they would be replaced because of the low temperatures which could be expected.



Difference > 25 %
neither battery above 85 %
replace both batteries

In practice, the 52 % battery would be disposed of, the 80 % battery however would be kept ready for pairing with another battery having between 75 % and 90 %.



Difference > 25 %
neither battery > 85 %
battery 1 is kept
battery 2 is replaced

The 90 % battery can be well combined with a new battery.

EUROPART
GOOD TO KNOW

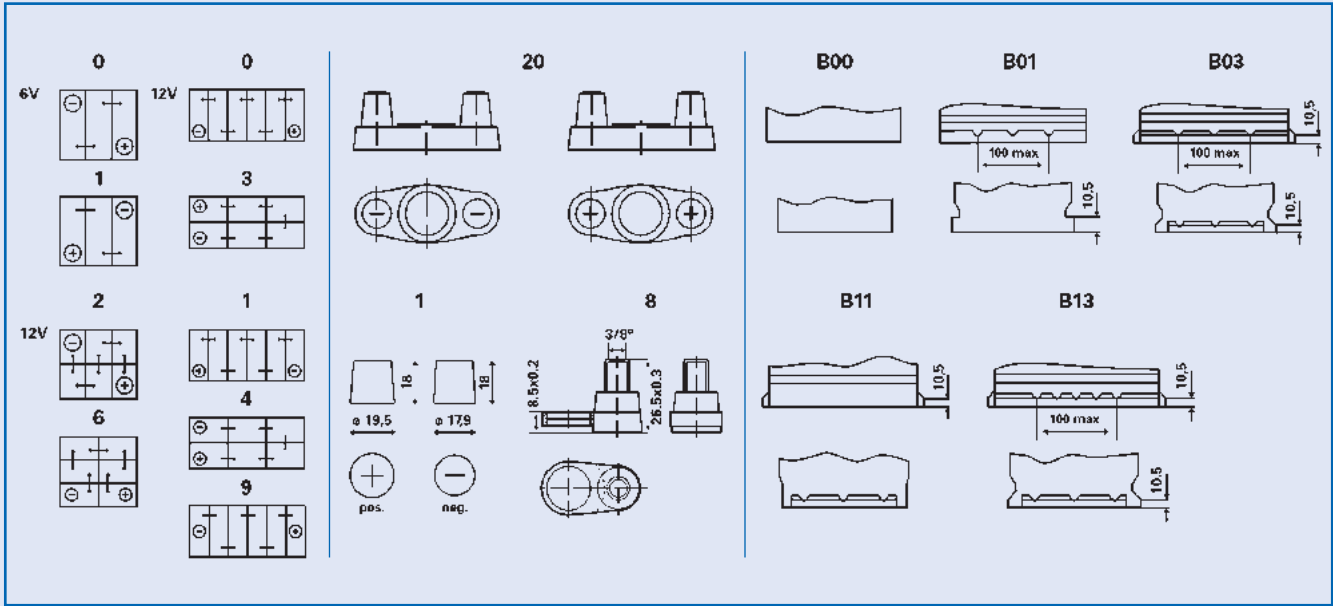
Technical details, commercial vehicles



Circuit

Connection poles

Bottom rail



4

Electrics and lighting

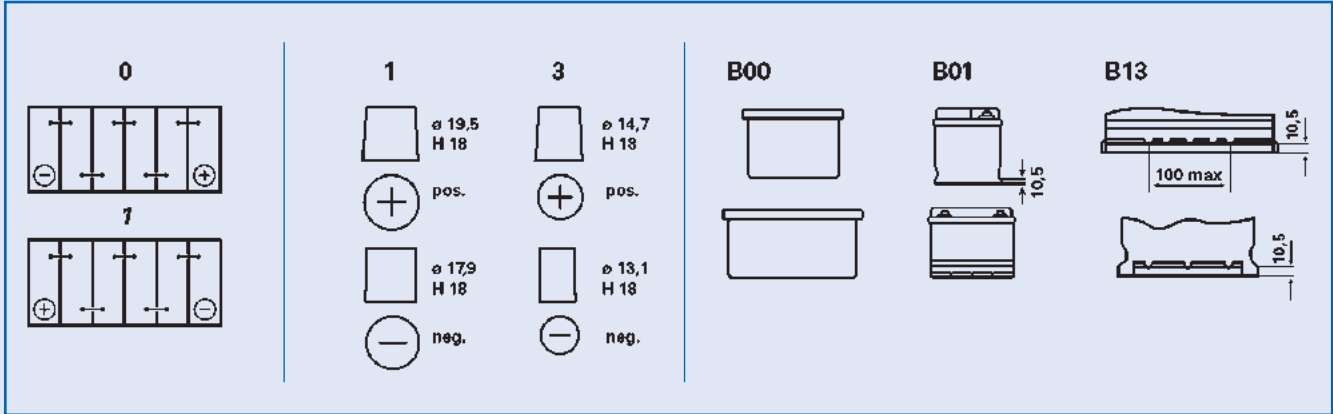
Technical details, cars



Circuit

Connection poles

Bottom rail



EUROPART
GOOD TO KNOW



**Jump Cable
for start boosters**

heavy jump leads with solid angled part-insulated brass clamps and earth strap, highly flexible copper cable

Version Charging clamp: 1000 A
Cable length 5 m

Scope of supply
Comes in a plastic case

Cable cross-section	Order no.
50 mm²	9560 002 060
70 mm²	9560 002 070



**Jump Cable
professional version**

with fully insulated plastic clamps, with solid copper jaws and earth strap, highly flexible copper cable

Version Charging clip: 850 A
Cable length 5 m

Scope of supply
Comes in a plastic case

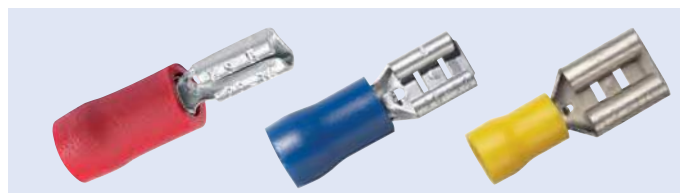
Cable cross-section	Order no.
35 mm²	9560 000 201
50 mm²	9560 000 202





Crimp connectors

Plug type female spade connector
Version part-insulated



Cable cross-section	Colour	Dimension	Order no.
0,5-1,5 mm ²	red	2,8 x 0,5 mm	1198 800 072
0,5-1,5 mm ²	red	4,8 x 0,5 mm	1198 800 074
0,5-1,5 mm ²	red	6,3 x 0,8 mm	1198 800 076
0,5-1,5 mm ²	red	2,8 x 0,8 mm	1198 800 097
1,5-2,5 mm ²	blue	4,8 x 0,5 mm	1198 800 077
1,5-2,5 mm ²	blue	4,8 x 0,8 mm	1198 800 078
1,5-2,5 mm ²	blue	6,3 x 0,8 mm	1198 800 080
1,5-2,5 mm ²	blue	8,0 x 0,8 mm	1198 800 081
4-6 mm ²	yellow	6,3 x 0,8 mm	1198 800 083
4-6 mm ²	yellow	9,5 x 1,2 mm	1198 800 085



Crimp connectors

Plug type spade distributor
Version part-insulated, 2-way
Dimension 6,3 x 0,8 mm

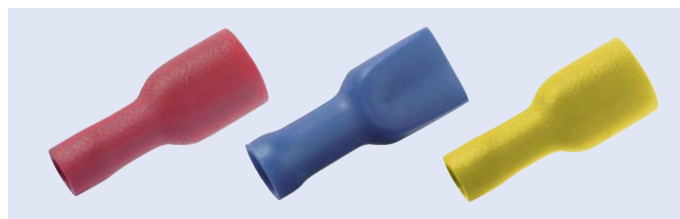


Cable cross-section	Colour	Order no.
0,5-1,5 mm ²	red	1198 800 093
1,5-2,5 mm ²	blue	1198 800 095



Crimp connectors

Plug type female spade connector
Version fully insulated
Dimension 6,3 x 0,8 mm

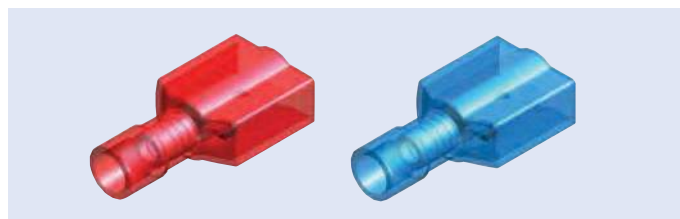


Cable cross-section	Colour	Order no.
0,5-1,5 mm ²	red	1198 800 087
0,5-1,5 mm ²	red	1198 800 184
1,5-2,5 mm ²	blue	1198 800 089
1,5-2,5 mm ²	blue	1198 800 185
4-6 mm ²	yellow	1198 800 091



Crimp connectors

Plug type female spade connector
Version fully insulated
Dimension 6,3 x 0,8 mm

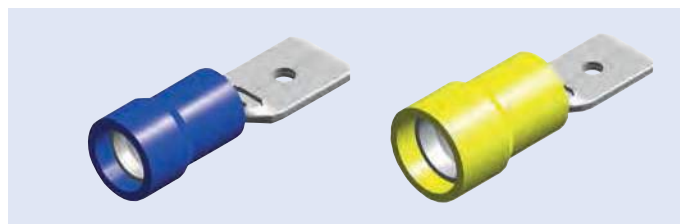


Cable cross-section	Colour	Order no.
0,5-1,5 mm ²	red	1198 800 172
1,5-2,5 mm ²	blue	1198 800 173



Crimp connectors

Plug type male spade connector
Version part-insulated
Dimension 6,3 x 0,8 mm



Cable cross-section	Colour	Order no.
1,5-2,5 mm ²	blue	1198 800 100
4,0-6,0 mm ²	yellow	1198 800 101



Crimp connectors

Plug type round connector
Version part-insulated

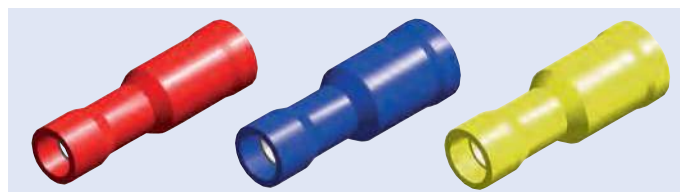


Cable cross-section	Colour	Ø	Order no.
0,5-1,5 mm ²	red	4 mm	1198 800 103
1,5-2,5 mm ²	blue	5 mm	1198 800 106
4,0-6,0 mm ²	yellow	5 mm	1198 800 107



Crimp connectors

Plug type female round connector
Version fully insulated



Cable cross-section	Colour	Ø	Order no.
0,5-1,5 mm ²	red	4 mm	1198 800 109
1,5-2,5 mm ²	blue	5 mm	1198 800 112
4,0-6,0 mm ²	yellow	5 mm	1198 800 114



Crimp connectors

Plug type ring connector
Version part-insulated

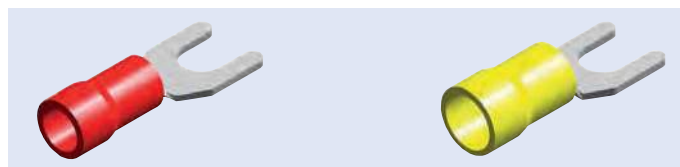


Cable cross-section	Colour	Connection thread	Order no.
0,5-1,5 mm ²	red	M3	1198 800 115
0,5-1,5 mm ²	red	M4	1198 800 117
0,5-1,5 mm ²	red	M5	1198 800 119
0,5-1,5 mm ²	red	M6	1198 800 120
0,5-1,5 mm ²	red	M10	1198 800 122
1,5-2,5 mm ²	blue	M3	1198 800 123
1,5-2,5 mm ²	blue	M4	1198 800 125
1,5-2,5 mm ²	blue	M6	1198 800 129
1,5-2,5 mm ²	blue	M8	1198 800 132
1,5-2,5 mm ²	blue	M10	1198 800 133
4,0-6,0 mm ²	yellow	M4	1198 800 134
4,0-6,0 mm ²	yellow	M5	1198 800 135
4,0-6,0 mm ²	yellow	M6	1198 800 136
4,0-6,0 mm ²	yellow	M8	1198 800 138
4,0-6,0 mm ²	yellow	M10	1198 800 139



Crimp connectors

Plug type Fork head



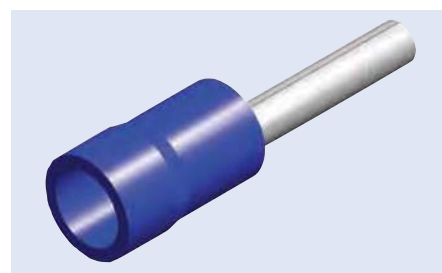
Cable cross-section	Colour	Connection thread	Order no.
0,5-1,5 mm ²	red	M4	1198 800 141
0,5-1,5 mm ²	red	M6	1198 800 143
1,5-2,5 mm ²	blue	M5	¹ 1198 800 150
4,0-6,0 mm ²	yellow	M6	1198 800 148

¹with fixing



Crimp connectors

Plug type pin sleeve
Version part-insulated
Cable cross-section 1,5-2,5 mm²
Colour blue
Ø 2 mm



Order no.

1198 800 152



Crimp connectors

Plug type butt connector, round sleeve
Version fully insulated

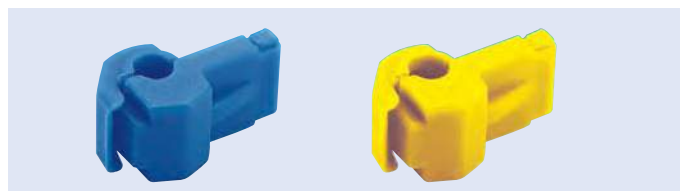


Cable cross-section	Colour	Order no.
0,5-1,5 mm ²	red	1198 800 155
1,5-2,5 mm ²	blue	1198 800 158
4,0-6,0 mm ²	yellow	1198 800 161



Crimp connectors

Plug type branch connector
Version fully insulated



Cable cross-section	Colour	Order no.
0,75-2,5 mm ²	blue	1198 800 170
1,5-2,5 mm ²	blue	1198 800 168
4,0-6,0 mm ²	yellow	1198 800 171



Cable connector

Plug type spade distributor

Version	Order no.
coupling plug, 3-way	1198 800 165
coupling plug, 4-way	1198 800 164



Cable connector assortment

Version fully insulated, with branch
Cable cross-section 1,5-2,5 mm²
Dimension 6,3 x 0,8 mm
Colour blue

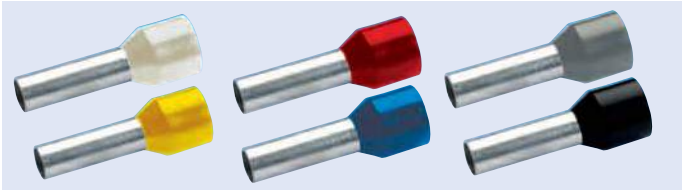
Scope of supply
10 x junction connector R999-5
10 x spade connector R285638

Order no.
1198 800 174



Crimp connectors

Plug type cable end sleeve
Version part-insulated

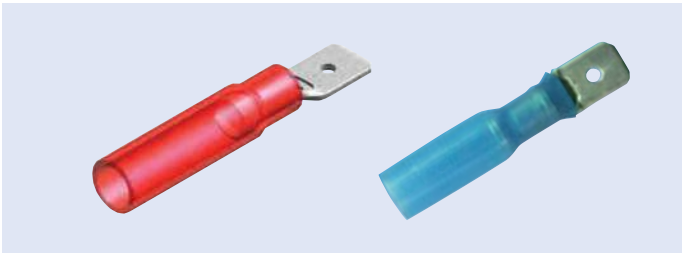


Cable cross-section	Colour	Length	Ø	Dimension	Order no.
0,5 mm²	white	8 / 14 mm	1 / 2,6 mm	0,5 x 6 mm	1198 800 175
0,75 mm²	grey	8 / 14 mm	1,2 / 2,8 mm	0,75 x 8 mm	1198 800 176
1 mm²	red	8 / 14 mm	1,4 / 3,0 mm	1 x 8 mm	1198 800 177
1,5 mm²	black	8 / 14 mm	1,7 / 3,5 mm	1,5 x 8 mm	1198 800 178
2,5 mm²	blue	8 / 14 mm	2,2 / 4,2 mm	2,5 x 8 mm	1198 800 179
4 mm²	grey	10 / 17 mm	2,8 / 4,8 mm	4 x 10 mm	1198 800 180
6 mm²	yellow	12 / 20 mm	3,5 / 6,3 mm	6 x 12 mm	1198 800 181
10 mm²	red	12 / 22 mm	4,5 / 7,6 mm	10 x 12 mm	1198 800 182
16 mm²	blue	12 / 24 mm	5,8 / 8,8 mm	16 x 12 mm	1198 800 183



Crimp connectors
shrink connector

Plug type spade connector
Version part-insulated
Dimension 6,3 x 0,8 mm



Cable cross-section	Colour	Order no.
0,5-1,5 mm²	red	1198 800 187
1,5-2,5 mm²	blue	1198 800 188



Crimp connectors shrink connector

Plug type ring connector
Version part-insulated

Cable cross-section	Colour	Connection thread	Order no.
0,5-1,5 mm ²	red	M4	1198 800 189
0,5-1,5 mm ²	red	M5	1198 800 190
1,5-2,5 mm ²	blue	M5	1198 800 192
1,5-2,5 mm ²	blue	M6	1198 800 193
1,5-2,5 mm ²	blue	M8	1198 800 194
4,0-6,0 mm ²	yellow	M6	¹ 1198 800 195
4,0-6,0 mm ²	yellow	M6	1198 800 196
4,0-6,0 mm ²	yellow	M8	1198 800 197

¹according to DIN



Crimp connectors shrink connector, butt connector

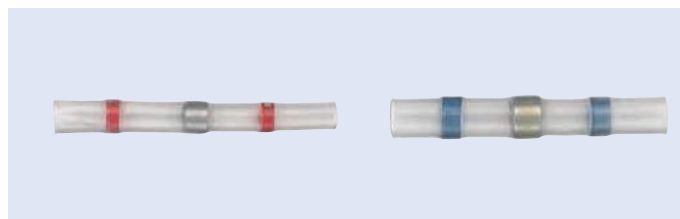
Plug type female round connector
Version fully insulated

Cable cross-section	Colour	Order no.
0,5-1,5 mm ²	red	1198 801 198
1,5-2,5 mm ²	blue	1198 801 199
4,0-6,0 mm ²	yellow	1198 800 200



Solder connector

Plug type shrink connector
Version fully insulated
Length 42 mm

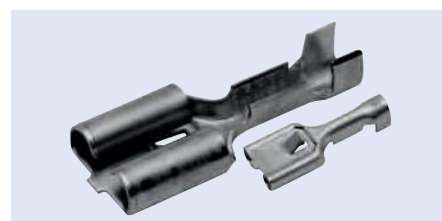


Cable cross-section	Colour	Ø	Order no.
0,8-2,0 mm ²	red	2,7 mm	1198 800 201
2,0-4,0 mm ²	blue	4,5 mm	1198 800 202



Crimp connectors

Plug type female spade connector
Version tin-plated, not insulated
Dimension 6,3 x 0,8 mm



Cable cross-section	Order no.
0,5-1,0 mm ²	1198 800 204
1,0-2,5 mm ²	1198 800 207



Crimp connectors

Plug type	spade connector
Version	tin-plated, not insulated
Dimension	6,3 x 0,8 mm
Cable cross-section	1,0-2,5 mm ²



Order no.

1198 800 208



Crimp connectors

Plug type	plug distributor, 2-way
Dimension	6,3 x 0,8 mm
Version	no insulation
Cable cross-section	0,75-1,5 mm ²
Material	brass
Surface	bright



Order no.

1198 800 209



Cable connector

Plug type	plug distributor, 3-way
Dimension	6,3 x 0,8 mm
Version	no insulation
Material	brass
Surface	bright



Order no.

1198 800 210



Blade fuse ATO



Electric current	Colour	Order no.
3 A	violet	1198 800 012
5 A	beige	1198 800 014
7,5 A	brown	1198 800 015
10 A	red	1198 800 016
15 A	blue	1198 800 017
20 A	yellow	1198 800 018
25 A	natural	1198 800 019
30 A	green	1198 800 008



Blade fuse MINI



Electric current	Colour	Order no.
5 A	beige	1198 800 025
25 A	natural	1198 800 030



Blade fuse MAXI



Electric current	Colour	Order no.
40 A	orange	1198 800 040
60 A	blue	1198 800 042



Axle and steering parts

5

Steering	72–79
Axle guidance	80–83
Wheel suspension and bearings	84





Drag-link



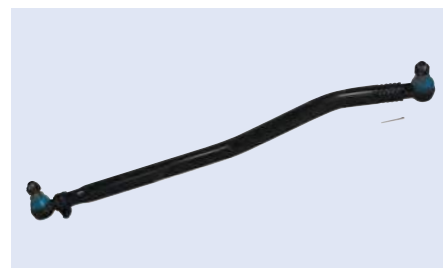
This figure corresponds to 9070 001 029

suitable for	Length	Cone-Ø	Pipe Ø	Order no.	Comparative no.
DAF XF105, XF95, CF85	991 mm	30 mm	50 mm	9070 001 033	Lemförder 26826 01
Mercedes-Benz Actros I/MP2/MP3, Atego I, Axor II	895 mm	28,6 mm	36 mm	9070 001 012	Lemförder 25721 01
Mercedes-Benz Atego I/II	894 mm	26/30 mm	50 mm	9070 001 002	Lemförder 25154 01
Mercedes-Benz Axor I/II, Atego I	895 mm	28,6 mm	40 mm	9070 001 016	Lemförder 25447 01
Volvo FH II (2002-), FH12, FH16, FM7, FM9, FM12	863 mm	28,6 mm	52 mm	9070 001 029	Lemförder 22793 01



Drag-link

Threadtype right-hand thread



This figure corresponds to 9070 900 016

suitable for	Installation location	Length	Cone-Ø	Pipe Ø	Order no.	Comparative no.
Iveco EuroCargo I/II/III	drop arm to the 1st front axle	822 mm	26 mm	40 mm	2598 402 544	Lemförder 19339 01
Iveco Stralis I/II/III (Hi-Way), EuroStar, EuroTech, EuroTrakker	front	953 mm	30 mm	52 mm	9070 900 036	Lemförder 19621 01
MAN F2000, F90	front	1040 mm	30 mm	48 mm	9070 900 004	Lemförder 11766 01
MAN L2000	front	826 mm	20 mm	32 mm	9070 900 011	Lemförder 19607 01
MAN TGX (2007-), TGX (2013-), TGS, TGA	drop arm to the 1st front axle	993 mm	30 mm	52 mm	9079 990 592	Lemförder 30592 01
Mercedes-Benz Actros I/MP2/MP3	drop arm to the 1st front axle	876 mm	28,6 mm	40 mm	9070 900 039	Lemförder 24244 01
Mercedes-Benz Actros I/MP2/MP3, Axor I/II	drop arm to the 1st front axle	879 mm	28,6 mm	36 mm	9070 900 008	Lemförder 24243 01
Mercedes-Benz Atego I/II	front	846 mm	26 mm	42 mm	9070 900 042	Lemförder 24239 01
Mercedes-Benz Atego I/II	front	894 mm	30 mm	50 mm	9070 900 107	Lemförder 25821 01
Mercedes-Benz LK/LN2	front	725 mm	22 mm	36 mm	9070 900 007	Lemförder 11475 01
Scania R, G, P, 94, 114, 124, 144, 164	front	1053 mm	30 mm	50 mm	9070 900 016	Lemförder 14824 02
Volvo FH12, FH16, FM7, FM12, FL4	front	861 mm	28,6 mm	52 mm	9070 900 029	Lemförder 19663 01



Drag-link

Threadtype left-hand / right-hand thread
 Length 733 mm
 Cone-Ø 32 mm
 Pipe Ø 36 mm

Scope of supply
 with accessories



suitable for	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2/MP3, Axor II	9070 001 020	Lemförder 29799 01 TRW JTR4260



Drag-link

Version not adjustable
 Length 628 mm
 Cone-Ø 30 mm
 Pipe Ø 40 mm

Scope of supply
 with accessories

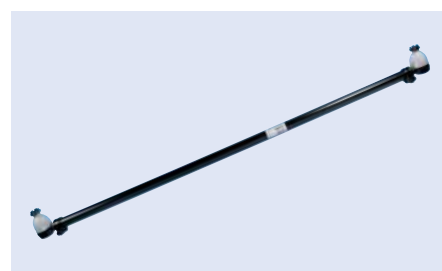


suitable for	Order no.	Comparative no.
MAN Lion's City (A20/A21/A23/A37), NL (A21), NÜ (A20) Neoplan Centroliner (N 45XX)	9070 001 007	Lemförder 25629 01



Steering Track Rod

Installation location front axle
 Threadtype left-hand / right-hand thread



This figure corresponds to 9070 900 112

suitable for	Version	Length	Cone-Ø	Pipe Ø	Order no.	Comparative no.
DAF XF95, CF85	guide rod, adjustable on both sides	1698 mm	26 mm	40 mm	9070 900 065	Lemförder 20593 01
Iveco EuroCargo I/II/III	guide rod, adjustable on both sides	1490 mm	26 mm	38 mm	9079 921 385	Lemförder 21385 01
Iveco Stralis I/II/III (Hi-Way), EuroStar, EuroTech, EuroTrakker, Trakker I/II	guide rod, adjustable on both sides	1641 mm	30 mm	48 mm	9079 921 285	Lemförder 21285 01
MAN L2000	guide rod, adjustable on one side	1645 mm	20 mm	30 mm	9070 900 027	Lemförder 20889 01
MAN TGX, TGS, TGA, F2000, M2000L/M, F90, M90	guide rod, adjustable on both sides	1652 mm	30 mm	50 mm	9070 900 017	Lemförder 11768 01
Mercedes-Benz Atego I/II/III Volvo FL6	guide rod, adjustable on both sides	1605 mm	30 mm	40 mm	9070 900 112	Lemförder 23996 01
Mercedes-Benz LK/LN2		1550 mm	22 mm	40 mm	9070 900 009	Lemförder 12879 01
Volvo FH II (2002-), FH12, FH16, FH16 II, FM II (2002-), FM 9, FM12	adjustable on one side	1634 mm	28,6 mm	50 mm	9072 676 477	Lemförder 37223 01



Steering Track Rod

Installation location front axle
Threadtype right-hand thread



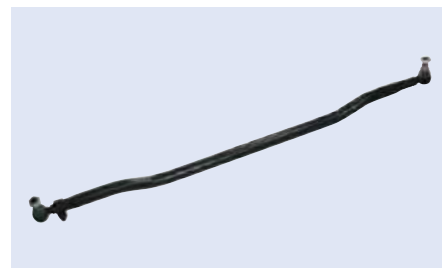
This figure corresponds to 9070 900 046

suitable for	Length	Cone-Ø	Pipe Ø	Order no.	Comparative no.
DAF LF45	1640 mm	26 mm	40 mm	9070 900 046	Lemförder 23977 01
Mercedes-Benz Atego I/II					
MAN M2000L/M	1650 mm	26 mm	50 mm	9070 900 127	Lemförder 23307 01
Mercedes-Benz Actros I/MP2, Atego I, Axor II	1588 mm	30 mm	58 mm	9070 900 111	Lemförder 23997 01
Mercedes-Benz Actros I/MP2, Atego I, Axor II, Econic	1735 mm	32 mm	62 mm	9079 921 411	Lemförder 37329 01
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III, Econic	1735 mm	32 mm	50 mm	9070 900 013	Lemförder 23988 01
Scania R, G, P, 94, 114, 124, 144, 164	1743 mm	30 mm	50 mm	9070 900 010	Lemförder 22083 01



Steering Track Rod

Installation location front axle



This figure corresponds to 9070 001 410

suitable for	Length	Cone-Ø	Pipe Ø	Order no.	Comparative no.
MAN TGX (2013-), TGX (2007-), TGS, TGA, TGM	1679 mm	30 mm	52 mm	9079 925 212	Lemförder 25395 01
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III, Atego I/II/III, Econic	1735 mm	32 mm	52 mm	9070 001 410	Lemförder 37332 01



Steering Track Rod

Installation location front axle
Version guide rod, adjustable on one side
Cone-Ø 30 mm



This figure corresponds to 9070 900 056

suitable for	Length	Pipe Ø	Order no.	Comparative no.
MAN Lion's Coach (R08), Lion's Regio (R13), Lion's Star	1588 mm	52 mm	9070 900 056	Lemförder 11770 01
Scania K94/114/124/360, L94, Irizar PB	1743 mm	62 mm	9070 900 022	Lemförder 37547 01



Ball joint for drag link/track rod

Installation location	front axle
Installation side	left/right
Length	120 mm
Cone-Ø	30 mm
Outer thread	M24 x 1.5/M30 x 1.5



suitable for	Threadtype	Order no.	Comparative no.
Fast Scoler III Heuliez GX 317 Irisbus Arès, Arway, Axer, Citelis, Eurorider, Evadys, Iliade, Récréo Iveco Stralis I/II/III (Hi-Way), EuroCargo I/II, EuroStar, EuroTech, EuroTrakker, Trakker III (Hi-Land) CityClass MAN TGS, TGA, TGM Lion's City (A21/A37), Lion's Coach (R07/R08), Lion's Regio (R12/R13), NL (A10), NÜ (A20) Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III, Atego I/II Citaro I/II/C2 (O 530), Conecto I (O 345), Integro II (O 550), Intouro I/II (O 560), O 405 N, Turismo I/II (O 350), Travego I (O 580) Neoplan Centroliner (N 45XX), Cityliner (N 12XX), Skyliner (N 1122), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516) Scania R, G, P, 94, 114, 124, 144, 164 K94/114/124/360/380 Setra S 309/312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 315/317/319 GT-HD, S 313/315/319 UL, S 315/319 UL-GT, S 411/415 HD, S 415/416/417 HDH, S 431 DT, S 416/417 GT-HD, S 415/417/419 UL Solaris Urbino III VDL Bova Futura, Bova Magiq Volvo FL7 II (2006-)	right-hand thread	9070 900 117	Lemförder 11505 03
Irisbus Arway, Axer, Citelis, Récréo Iveco Stralis I/II/III (Hi-Way), EuroCargo I, EuroTech, Trakker III (Hi-Land) MAN TGS, TGA, TGM Lion's Coach (R07/R08), Lion's Regio (R12/R13), NL (A10), NÜ (A20) Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III, Atego I/II Citaro II/C2 (O 530), Conecto I (O 345), Integro II (O 550), Intouro I/II (O 560), O 405 N, Turismo I/II (O 350), Travego I/II (O 580) Neoplan Cityliner (N 12XX), Skyliner (N 1122), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516) Scania R, P L94 Setra S 309/312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 315/319 NF, S 411/415 HD, S 415/416/417 HDH, S 431 DT, S 415/416/417 GT-HD, S 415 NF, S 415/419 UL Solaris Urbino III VDL Bova Magiq Volvo FL7 II (2006-)	left-hand thread	9070 900 123	Lemförder 11492 03



Ball joint for drag link/track rod

Installation location	front axle
Installation side	right
Length	115 mm
Cone-Ø	26 mm
Outer thread	M30 x 1.5
Threadtype	right-hand thread

(Illustration similar)



suitable for	Order no.	Comparative no.
Heuliez GX 117, 127, 317, 427	9070 900 003	Lemförder 11402 01
Irisbus Agora, Arès, Arway, Axer, Citelis, Evadys, Iliade, Magelys, Récréo		
Iveco EuroCargo I/II/III		
MAN TGM, TGL, F2000, M2000L, L2000, M90, G90 Lion's Classic Ü (A72), NG (A11), NL (A10/A15)		
Mercedes-Benz Actros I/MP2, Atego I/II, Axor I/II, SK, MK, LK/LN2, NG, Unimog Citaro I/II/C2 (O 530), Conecto I (O 345), O 405 N, O 407, O 408, Tourino (O 510)		
Renault Midlum II		
Setra S 415 NF		
Solaris Urbino III		



Ball joint for track rod

Installation location	front axle
Length	120 mm
Cone-Ø	28,6 mm
Outer thread	M30 x 1.5
Threadtype	Right-hand thread

Scope of supply
with accessories



suitable for	Order no.	Comparative no.
Heuliez GX 217	9070 311 946	Lemförder 11946 02
Volvo FM10, FM12, FL7, FL10 B7L, B7R, B9R, B9TL, B10B, B10M, B12B, B12R, B13R		



Ball joint for drag link/track rod

Installation location	front axle
Installation side	left
Length	115 mm
Cone-Ø	26 mm
Outer thread	M30 x 1.5
Threadtype	left-hand thread

(Illustration similar)



suitable for	Order no.	Comparative no.
Irisbus Arès, Arway, Axer, Evadys, Iliade, Magelys, Récréo	9070 900 005	Lemförder 11403 01
Iveco EuroCargo I/II/III		
MAN M2000, M90		
Mercedes-Benz Atego I/II, SK, MK, LK/LN2, NG Citaro I/II/C2 (O 530), Conecto I (O 345), O 405 N, Tourino (O 510)		
Renault Midlum II		
Setra S 415 NF		
Solaris Urbino III		



Ball joint for steering rod/track rod

Installation location	front axle
Length	105 mm
Cone-Ø	22 mm
Outer thread	M28 x 1.5
Threadtype	right-hand thread



suitable for	Order no.	Comparative no.
Iveco MK, P/PA, Zeta	9070 900 002	Lemförder 11378 01
MAN TGL, M2000L, L2000, G90		
Mercedes-Benz SK, LK/LN2, NG T2/LN1, Vario		
Renault Midliner M		
Volvo FL		



Ball joint for steering rod/track rod

Installation location	front axle
Length	105 mm
Cone-Ø	22 mm
Outer thread	M28 x 1.5
Threadtype	left-hand thread



(Illustration similar)

suitable for	Order no.	Comparative no.
Iveco P/PA, Zeta	9070 900 006	Lemförder 11379 01
MAN TGL, M2000L, L2000, G90		
Mercedes-Benz LK/LN2, NG		



Ball joint for drag link/track rod

Installation location	front axle
Length	95 mm
Cone-Ø	20 mm
Outer thread	M24 x 1.5
Threadtype	right-hand thread



(Illustration similar)

suitable for	Order no.	Comparative no.
MAN TGL, L2000, G90	9070 900 012	Lemförder 11376 02
Mercedes-Benz LK/LN2, NG, Unimog		
Volvo B10B		



Ball joint for steering track rod

Installation location	front axle
Length	120 mm
Cone-Ø	32 mm
Outer thread	M30 x 1.5
Threadtype	left-hand thread

(Illustration similar)



suitable for	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2/MP3, Atego I/II/III, Axor I/II/III, Arocs, Econic, SK, MK, NG	9070 900 045	Lemförder 12280 04



Ball joint for track rod

Installation location	front axle
Length	120 mm
Cone-Ø	32 mm
Outer thread	M30 x 1.5
Threadtype	right-hand thread

(Illustration similar)



suitable for	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III, Atego I/II/III, Econic	9070 900 015	Lemförder 11394 04
Setra S 315/319 NF, S 431 DT		



Ball joint for steering rod

Installation location	front axle
Length	115 mm
Cone-Ø	28,6 mm
Outer thread	M30 x 1.5
Threadtype	right-hand thread



suitable for	Order no.	Comparative no.
Mercedes-Benz New Actros (2012-), Actros I/MP2/MP3, Axor I/II/III	9079 927 623	Lemförder 27623 01
Volvo B13R		



Steering damper

Installation location air-suspended axle
Version twin-tube system
Fastening Eye/eye
Type T45 X 320
Length 560 mm



(Illustration similar)

suitable for	Order no.	Comparative no.
Mercedes-Benz Citaro I (O 530), Conecto I (O 345), O 405 N, O 407, O 408	9200 000 525	Sachs 314 672





Trailing arm

Installation location	rear axle, below
Installation side	left/right
Length	625 mm
Version	not adjustable
Bearing version	molecular bearing
Bore hole $\varnothing$	17/17 mm
Distance between holes	115/115 mm



suitable for	Order no.	Comparative no.
Volvo FH II (2002-), FH12, FH16, FM7 I (-2001), FM9, FM12 B6, B7R, B9R, B12B, B12M	9070 334 680	Lemförder 34680 01



Trailing arm

Installation location	Front axle
Length	413 mm
Version	not adjustable
Bearing version	molecular bearing
Bore hole $\varnothing$	15/15 mm
Distance between holes	80/80 mm



suitable for	Order no.	Comparative no.
MAN Lion's City (A20/A21/A23/A37), NG (A23), NL (A21), NÜ (A20)	9070 001 004	Lemförder 26845 01
Neoplan Centroliner (N 45XX)		



Trailing arm

Bore hole $\varnothing$	19/19 mm
Distance between holes	130/130 mm



This figure corresponds to 9070 001 017

suitable for	Length	Pipe $\varnothing$	Order no.	Comparative no.
MAN Lion's City (A20/A21/A23/A37/A47), NG (A23), NL (A21), NÜ (A20)	614 mm	48 mm	9070 007 101	Lemförder 26018 01
Neoplan Centroliner (N 45XX)				
Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345), Travego I (O 580)	664 mm	46 mm	9070 001 017	Lemförder 21664 01
Setra S 417 HDH, S 431 DT, S 416/417 GT-HD, S 415 NF				



Trailing arm

Installation location	Front axle, top
Length	330 mm
Pipe $\varnothing$	36 mm
Cone- $\varnothing$	36 mm
Version	with cone
Bore hole $\varnothing$	15/15 mm
Distance between holes	80/80 mm



suitable for	Order no.	Comparative no.
MAN Lion's Coach (R07/R08), Lion's Regio (R12/R13), Lion's Star (R02/R03), ÜL	9070 326 648	Lemförder 26648 01
Neoplan Cityliner (N 12XX), Tourliner (N 2216), Trendliner (N 3516)		



Trailing arm

Length	585 mm
Pipe Ø	56 mm
Version	not adjustable
Bore hole Ø	17/17/60 mm
Distance between holes	130 mm



suitable for	Order no.	Comparative no.
Mercedes-Benz O 405, O 407, O 408	9070 001 010	Lemförder 13553 01



Trailing arm

Length	628 mm
Pipe Ø	46 mm
Bearing version	molecular bearing
Bore hole Ø	19/19 mm
Distance between holes	130 mm



suitable for	Order no.	Comparative no.
Mercedes-Benz Integro II (O 550), Intouro I/II (O 560), Tourismo II, Travego I/II (O 580)	9070 001 027	Lemförder 36895 01
Setra S 315 UL, S 411/415 HD, S 416/417 HDH, S 415/416/417 GT-HD, S 415/417/419 UL		



'A' frame

Installation location	Rear axle
Bearing version	molecular bearing
Length	622 mm
Pipe Ø	46 mm
Distance between holes	152/130/130 mm



This figure corresponds to 9070 001 021

suitable for	Bore hole Ø	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III	25/25/25 mm	9070 001 022	Lemförder 23069 02
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III, Atego I/II/III	25/25/25 mm	9070 001 021	Lemförder 21168 01
Mercedes-Benz New Actros (2012-), Actros I/MP2/MP3, Axor I/II/III	25/23/23 mm	9070 001 009	Lemförder 31887 01



'A' frame

Installation location	Rear axle
Bearing version	Molecular bearing
Length	627 mm
Pipe Ø	48 mm
Bore hole Ø	25/25/25 mm
Distance between holes	152/130/130 mm



suitable for	Order no.	Comparative no.
MAN TGX, TGS, TGA, TGM, F2000	9070 001 019	Lemförder 37828 01



'A' frame

Bore hole Ø	19/19 mm
Distance between holes	115/115 mm



This figure corresponds to 9070 320 399

suitable for	Pipe Ø	Length	Order no.	Comparative no.
MAN M2000L/M, F90, M90	46 mm	693 mm	9070 320 399	Lemförder 20399 01
Renault Premium II, Kerax II	48 mm	662,4 mm	9070 326 058	Lemförder 26058 01
Volvo FH II (2002-), FH12, FH16, FM, FM7, FM9, FM10, FM12, FE, FL6				



Coupling rod

Installation location	front axle
Length	325 mm
Cone-Ø	22 mm
Pipe Ø	30 mm
Outer thread	M18 x 1.5



suitable for	Order no.	Comparative no.
Volvo FH II (2002-), FH12, FH16, FM7, FM9, FM 10, FM12	6170 003 013	Lemförder 22315 01



Coupling rod

Version	adjustable on one side
Length	435 mm
Cone-Ø	28,6 mm
Pipe Ø	36 mm



suitable for	Order no.	Comparative no.
Volvo FH II (2002-), FH12, FH16, FH16 II, FM II (2002-), FM 9, FM12	9074 452 350	Lemförder 30595 01



Coupling rod

Installation location	rear axle
Length	435 mm
Cone-Ø	28,6 mm
Pipe Ø	36 mm
Outer thread	M20 x 1,5



suitable for	Order no.	Comparative no.
Volvo FH 12, FH 16, FM7, FM12	6170 007 770	Lemförder 27626 01



Coupling rod

Length	260 mm
Cone-Ø	26 mm
Outer thread	M20 x 1.5



This figure corresponds to 9070 001 013

suitable for	Installation location	Installation side	Order no.	Comparative no.
Mercedes-Benz Citaro I (O 530), Conecto I (O 345)	front axle	left	9070 001 011	Lemförder 30730 01
Mercedes-Benz Citaro I (O 530), Conecto I (O 345)	front axle	right	9070 001 013	Lemförder 30731 01
Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345)	rear axle	left	9070 001 008	Lemförder 30732 01
Setra S 315/319 NF, S 415 NF				
Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345)	rear axle	right	9079 930 733	Lemförder 30733 01
Setra S 315/319 NF, S 415 NF				



Coupling rod

Length	200 mm
Cone-Ø	30 mm
Pipe Ø	31 mm



suitable for	Order no.	Comparative no.
Mercedes-Benz Citaro II (O 530), Integro II (O 550), Intouro I/II (O 560), Tourismo II, Travego I/II (O 580)	9070 001 025	Lemförder 27350 01
Setra S 315 GT, S 315/317/319 GT-HD, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL, S 411/415 HD, S 415/416/417 HDH, S 431 DT, S 415/416/417 GT-HD, S 417/419 UL		

Tapered roller bearing



Type	Outer $\varnothing$	Inner $\varnothing$	Height	Order no.
320 21X	160 mm	105 mm	37,2 mm	8001 320 212
323 10	110 mm	50 mm	42,25 mm	8001 323 102
323 12	130 mm	60 mm	48,5 mm	8001 323 122
330 20	150 mm	100 mm	43,9 mm	8001 330 202
330 21	160 mm	105 mm	43 mm	8001 330 212
330 22	170 mm	110 mm	47 mm	8001 330 222
331 16	130 mm	80 mm	38 mm	8001 331 162
331 18	150 mm	90 mm	45 mm	8001 331 182
332 08	80 mm	40 mm	32 mm	8001 332 082
332 13	120 mm	65 mm	41 mm	8001 332 132
332 15	130 mm	75 mm	41 mm	8001 332 152
332 17	150 mm	85 mm	49 mm	8001 332 172
4270X	130 mm	70 mm	57 mm	8001 332 332
528 983	130 mm	70 mm	57 mm	8015 289 832
6004-2RS1	42 mm	20 mm	12 mm	8001 600 422
6005-2RS1	47 mm	25 mm	12 mm	8001 600 522
6204-2RS1	47 mm	20 mm	14 mm	8016 204 212
6205-2RS1	52 mm	25 mm	15 mm	8001 620 522
6306 2RS	72 mm	30 mm	19 mm	8001 630 622
KHM218248/10	147 mm	90 mm	40 mm	8012 102 482





Springs and dampers

Air springs.....	88–100
Shock absorbers.....	101, 102





Air spring

Connection VOSS 232

suitable for	Piston Ø	Installation location	Screw set	Fig.	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2, Atego	265 mm	rear axle	1722 053 112	2	1788 418 622	Conti 4186 N P22
Mercedes-Benz Actros I/MP2/MP3	280 mm		1722 052 746	1	1788 475 701	Conti 4757 N P01
Mercedes-Benz Actros I/MP2/MP3, Axor I/II	265 mm	rear axle	1722 053 112	3	1788 418 722	Conti 4187 N P22
Mercedes-Benz Actros I/MP2/MP3, Axor I/II, Atego I	200 mm		1722 053 112	4	1788 439 021	Conti 4390 N P02
Mercedes-Benz Actros I/MP2/MP3, Axor I/II, Atego I, Econic	200 mm	rear axle	1722 053 112	5	1788 439 022	Conti 4390 N P22
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III	230 mm		1722 052 746	6	1788 483 823	Conti 4838 N P23
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III	220 mm	rear axle	1722 052 746	7	1788 483 822	Conti 4838 N P22
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III	265 mm	rear axle	1722 053 112	8	1788 418 324	Conti 4183 N P26
Mercedes-Benz Actros I/MP2/MP3, Axor II/III, Atego I/II/III, Econic	280 mm	front axle	1722 052 746	9	1788 475 721	Conti 4757 N P21
Mercedes-Benz Actros MP2, Axor II	265 mm	rear axle	1722 052 746	10	1788 418 323	Conti 4183 N P25
Mercedes-Benz Actros MP2/MP3	200 mm		1722 052 746	11	1788 439 011	Conti 4390 N P01
Mercedes-Benz Atego I/II	250 mm	rear axle	1722 052 746	12	1788 418 521	Conti 4185 N P21
Mercedes-Benz Atego I/II	280 mm	rear axle	1722 052 746	13	1788 475 729	Conti 4757 NP 29
Mercedes-Benz Atego I/II	280 mm	2. front axle	1722 052 746	13	1788 475 709	Conti 4757 N P09



Air spring

upper attachment M12 x 1,5
lower attachment M18 x 2

Version with steel piston
Installation location rear axle

Scope of supply
complete

matching bolt kit 1722 053 108

suitable for	Piston Ø	Fig.	Order no.	Comparative no.
MAN TGA	200 mm	3	1788 488 406	Conti 4884 N1 P06
MAN TGX, TGA	176 mm	4	1788 488 205	Conti 4882 N1 P05



Air spring bellows

suitable for	Installation location	Version	Fig.	Order no.	Comparative no.
MAN F2000, M2000, L2000		without fastening element	1	1716 202 002	Conti 1885 N1
MAN F2000, M2000M/L, L2000		without fastening element	2	1716 162 002	Conti 882 N1
MAN TGX, TGA, TGM	rear axle	with plate, without piston	3	1788 488 201	Conti 4882 N1 P01
MAN TGX (2013-), TGS, TGA	rear axle	with plate, without piston	4	1788 488 401	Conti 4884 N1 P01
MAN TGX, TGS, TGA	rear axle	with plate, without piston	5	1788 470 501	Conti 4705 N1 P01
MAN TGX, TGS, TGA	front axle	without fastening element	6	1788 188 800	Conti 1888 N



Air spring

Installation location rear axle

suitable for	Piston Ø	Screw set	Fig.	Order no.	Comparative no.
Renault	228 mm	1722 052 743	1	1788 491 213	Conti 4912 N P13
Renault Magnum I, Premium I	228 mm	1722 052 743	2	1788 491 207	Conti 4912 N P07
Renault Magnum II, Premium I	187 mm	1722 052 743	3	1714 191 002	Conti 4915 N P06
Renault Magnum II, Premium I/II, Midlum I/II (18 t)	228 mm	1722 052 743	4	1788 491 210	Conti 4912 N P10
Volvo FL I/II					
Renault Magnum low, Premium low	228 mm	1722 052 743	5	1788 491 103	Conti 4911 N P03



Air spring

suitable for	Version	Piston Ø	Installation location	Screw set	Fig.	Order no.	Comparative no.
DAF, Scania	with steel piston	260 mm			1	5043 391 113	Conti 4810 N P05
Scania R, G, P	with steel piston	228 mm	rear axle	1722 052 729	2	1788 670 002	Conti 6700 N P02
Scania R, G, P	with steel piston	249 mm	front axle	1722 053 106	3	8000 012 741	Phoenix 1 DF 23 C-1
Scania R, G, P, series 4	with steel piston	249 mm	front axle	1722 053 106	4	8000 012 731	Phoenix 1 DF 23 D-1
Scania R, G, P, 94, 114, 124, 164, 93, 113, 143	with plastic piston	238 mm	rear axle		5	1788 362 510	Firestone W01 M58 6251
Scania R, G, P, 124, 144		228 mm	rear/trailing axle	1722 052 729	6	1788 491 302	Conti 4913 N P02



Air spring/Air spring bellows

suitable for	Description	Piston Ø	Installation location	Screw set	Fig.	Order no.	Comparative no.
Volvo	Air spring	187 mm	rear axle	1722 052 743	1	1714 191 002	Conti 4915 N P06
Volvo FH, FM low	Air spring	168 mm		1722 052 730	2	6170 531 989	Conti 6600 N P02
Volvo FH, FM, FE	Air spring	228 mm	rear axle	1722 052 743	3	1788 491 213	Conti 4912 N P13
Volvo FH II (2002-)	Air spring	197 mm	rear axle	1722 052 730	4	6170 582 206	Conti 6605 N P01
Volvo FH II (2002-)	Air spring	168 mm	rear axle	1722 052 730	5	1788 660 701	Conti 6607 N P01
Volvo FH II (2002-), FH12, FH16 II (2002-), FH16 I, FM9, FM12	Air spring	168 mm	rear axle	1722 052 730	6	1700 036 416	Conti 6608 N P01
Volvo FH II (2002-), FH12, FM medium	Air spring	197 mm	rear axle	1722 052 730	7	1788 660 601	Conti 6606 N P01
Volvo FH12, FH16	Air spring bellows		rear axle		8	1780 713 003	Conti 713 N
Volvo FH12, FH16 I, FL7, FL10, FL12, FM7 I (-2001), FM12	Air spring	192 mm		1722 052 731	9	1788 471 300	Conti 4713 N P02
Volvo FH12, FH16, FM9, FM12	Air spring	225 mm	front axle	1722 052 731	10	6170 554 762	Conti 6613 N P01
Volvo FH12, FM9, FM12	Air spring	228 mm	front axle		11	6170 554 760	Conti 6612 N P01
Volvo FL I/II	Air spring	228 mm	rear axle	1722 052 743	12	1788 491 210	Conti 4912 N P10



Air spring

Version with steel piston
Piston Ø 230 mm
Installation location rear axle

suitable for	Screw set	Fig.	Order no.	Comparative no.
DAF XF105, XF95, CF85, CF65	1722 052 733	1	1780 836 001	Conti 836 M K1
DAF XF105, XF95, CF85, CF75, CF65, LF55, LF45	1722 052 733	2	1780 836 021	Conti 836 M2 K1



Air spring bellows

Version without fastening element

suitable for	Order no.	Comparative no.
Iveco EuroCargo I/II	2590 002 127	Iveco 98411807



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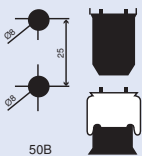
Air spring

suitable for	Version	Piston Ø	Screw set	Fig.	Order no.	Comparative no.
BPW 30	with plastic piston	200 mm	1723 052 754	1	6165 305 431	BPW 05.429.43.20.0
BPW 30 K	with plastic piston	200 mm	1723 052 754	2	6165 305 432	BPW 05.429.43.21.0
BPW 30 K	with plastic piston	197 mm		3	6165 305 434	BPW 05.429.43.23.0
BPW 30 K	with plastic piston			4	6165 305 435	BPW 05.429.43.24.0
BPW 36	with plastic piston	250 mm	1723 052 754	5	6165 305 462	BPW 05.429.43.51.0
BPW 36-1	with steel piston	250 mm	1723 052 754	6	6165 305 270	BPW 05.429.41.69.0
BPW 36 K	with plastic piston	250 mm	1723 052 754	7	6165 305 452	BPW 05.429.43.41.0



Air spring

suitable for	Screw set	Fig.	Order no.	Comparative no.
BPW 30	1723 052 754	1	6165 305 114	BPW 05.429.40.03.0
BPW 30 K	1723 052 754	2	6165 305 102	BPW 05.429.40.91.0
BPW 30 K	1722 052 751	3	6165 305 288	BPW 05.429.41.77.0
BPW 30 K	1723 052 754	4	6165 305 315	BPW 05.429.42.04.0
BPW 36	1723 052 754	5	6165 305 112	BPW 05.429.40.01.0
BPW 36 K	1723 052 754	6	6165 305 212	BPW 05.429.41.01.0



6165 305 114

6165 305 431

Identification

In future on selected air springs and air bellows suitable for BPW you will find both item numbers, those of the complete air spring and of the air bellows.
In the example shown, item number 6165 305 114 is for the bellows without piston and 6165 305 431 for the complete bellows with piston.

All types obtainable also without piston.

EUROPART
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Air spring

suitable for	Version	Piston Ø	Screw set	Fig.	Order no.	Comparative no.
SAF 1608	Double bellows	159 mm	1722 052 748	1	5053 302 116	SAF 4.229.1005.01
SAF 1608	Double bellows		1722 052 748	2	5053 302 115	SAF 4.229.1004.00
SAF 2618	with plastic piston	240 mm	1722 052 739	3	5043 303 718	SAF 3.229.0007.02 SAF 3.229.2107.00
SAF 2618 V	with plastic piston	240 mm	1722 052 739	4	5043 303 230	SAF 3.229.0029.00 SAF 3.229.0007.00
SAF 2918 V	with steel piston	260 mm	1722 052 726	5	5043 301 138	SAF 3.229.0027.00
SAF 2918 V	with steel piston	260 mm	1722 052 727	6	5043 391 113	SAF 2.229.2102.00
SAF 2619 V	with plastic piston	240 mm	1722 052 738	7	5043 301 144	SAF 3.229.0033.00
SAF 2919 V	with plastic piston			8	5043 301 153	SAF 3.229.0042.00
SAF 2923 E2	with steel piston	240 mm	1722 052 738	9	5043 391 114	SAF 3.229.0033.00
SAF 2923 VK	with plastic piston	250 mm	1722 052 739	10	5043 301 139	SAF 3.229.0028.00
SAF 2923 VK	with steel piston	260 mm	1722 052 726	11	5043 301 142	SAF 3.229.0031.00
SAF 2924 V	with plastic piston	250 mm	1722 052 739	12	5043 301 152	SAF 3.229.0041.00
SAF 2926 V	with steal piston	260 mm	1722 052 726	13	5043 301 141	SAF 3.229.0030.00
SAF 2626 V	with plastic piston	240 mm	1722 052 738	14	5043 301 149	SAF 3.229.0038.00
SAF 2626 V	with plastic piston	240 mm	1722 052 738	15	5043 301 140	SAF 3.229.0039.00



**EURO
PART**

Air spring

suitable for	Version	Piston Ø	Screw set	Fig.	Order no.	Comparative no.
Mercedes-Benz	with steel piston	260 mm	1722 052 736	1	1788 283 001	Mercedes-Benz 946 328 15 01
Schmitz						Schmitz 017924
Weweler						Schmitz S015323
Meritor (ROR)	with plastic piston	200 mm	1722 052 750	2	7600 001 080	Meritor 21222442
Meritor (ROR)	Double convolution bellows with crimped plate	160 mm	1722 052 748	3	1788 586 910	Meritor 21221395
SAF						Meritor 21222663
Schmitz	with plastic piston	262 mm	1722 052 734	4	1788 750 999	Schmitz 750999
Schmitz	with steel piston	260 mm	1722 052 753	5	1788 402 800	Schmitz 015323
Weweler						
Schmitz	with plastic piston	203 mm	1722 084 958	6	7770 165 120	Schmitz 016512
Weweler						
Schmitz	with steel piston	260 mm	1722 052 753	7	1722 012 805	Schmitz 017685
Weweler						
Schmitz	with plastic piston	262 mm	1722 052 734	8	7777 510 650	Schmitz 751065
Weweler						



Air spring

suitable for	Version	Screw set	Fig.	Order no.	Comparative no.
Fruehauf	with plastic piston and cover	1722 052 741	1	9180 003 688	Fruehauf M001774 Fruehauf UJB 0358001
Fruehauf Meritor (ROR) FL11000	with aluminium piston		2	1700 012 015	Fruehauf U-JB 0203001 Meritor 21215891 Meritor 21226039
Fruehauf SMB Trailor	double bellows	1722 052 740	3	7565 052 720	Fruehauf M078246
Gigant	with steel piston		4	5210 166 217	Gigant 166217
Gigant	with steel piston		5	5210 166 252	Gigant 166252
Hendrickson Meritor (ROR)	with steel piston	1722 052 727	6	5043 391 113	Hendrickson 506 243 Meritor 21208082
Mercedes-Benz DCA, DLS Meritor (ROR)	with plastic piston		7	1788 415 704	Mercedes-Benz 946 328 14 01 Meritor 21221307
Mercedes-Benz HT250	with steel piston	1722 052 752	8	9463 280 401	Mercedes-Benz 946 328 04 01



Air spring bellows

Version without fastening element

suitable for	Installation location	Fig.	Order no.	Comparative no.
Fast Syter	front axle/rear axle	1	1716 215 002	Conti 916 N1
MAN Lion's City (A20/A21/A23/A26/A37/A39/A47/A78), Lion's Classic Ü (A72), Lion's Coach (R07/R08), Lion's Regio (R12/R13), Lion's Star (R02/R03), EL (A12), NG (A11/A23), NL (A10/A15/A21), NÜ (A20) Neoplan Centroliner (N 45XX), Cityliner (N 12XX), Skyliner (2011-), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516) Temsa Safari HD				
Irisbus	front axle	2	1789 786 003	Conti 944 N
Irisbus Arès, Arway, Axer, Evadys, Récréo	front axle	3	1715 661 003	Conti 661 N
Setra S 309/312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 328 DT, S 315 GT, S 315/317/ 319 GT-HD, S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL, S 431 DT Van Hool A300/308L/320/330, T815/816 Alicron, Acron, Altano, T915/917 Astron, T916 Acron, T924/925/927 Astromega Volvo B7R, B9R, B10M				
Irisbus Eurorider	front axle/rear axle	4	1716 203 002	Conti 884 N
MAN EL (A12), NG (A11), NL (A10/A15) Neoplan Volvo B58				
Mercedes-Benz Citaro I/II/C2 (O 530), Intouro II, Turismo II, Travego II Setra S 415 HD, S 417 HDH, S 416/417 GT-HD, S 415 NF, S 415/419 UL				
Mercedes-Benz Citaro I (O 530), Conecto I (O 345), Integro II (O 550), O 404, O 405 N, O 407, O 408, Turismo I/II (O 350), Travego I (O 580) Setra S 309/312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 328 DT, S 315 GT, S 315/317/ 319 GT-HD, S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL, S 411/415 HD, S 415/416/417 HDH, S 431 DT, S 415/416/417 GT-HD, S 415/417/419 UL Van Hool A300/508, CL, TL, T8 Alizee, T815/816 Altano, T916 Acron, T917 Astron, T924/925/927 Astromega Volvo B10B, B10M, B12				

We offer selected bellows such as 1715 661 003, 1715 285 003, 1715 662 003 and 1788 802 003, in a pre-folded variant optimised for installation.

In this way, assembly is made easier.



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Air spring

Version triple bellows

Order no.

1700 026 660

Comparative no.

Conti FT 412-32 S

Dunlop SP 2666 (12 x 3)



Air spring for cab suspension

suitable for

Renault Premium I/II, Kerax I

Order no.

1780 509 003

Comparative no.

Conti SZ 50-9





Cab damper

suitable for	Version	Fastening	Fig.	Order no.	Comparative no.
Iveco Stralis I/II/III (Hi-Way)	gas pressure, twin-tube	eye/eye	1	1788 128 012	Iveco 500357351
Iveco Stralis I/II/III (Hi-Way)	gas pressure, twin-tube system	eye/eye	2	1788 128 016	Iveco 500357352
MAN F2000	gas pressure, twin-tube system	eye/pin	3	9200 001 255	MAN 81.41722-6051 MAN 81.41722-6048
MAN F2000, F90	gas pressure, twin-tube	eye/pin	4	9200 001 085	MAN 81.41722-6012 MAN 81.41722-6033
Mercedes-Benz Actros I/MP2/MP3	gas pressure, twin-tube system	eye/eye	5	9200 001 270	Mercedes-Benz 942 890 60 19
Mercedes-Benz Actros I/MP2/MP3	gas pressure, twin-tube system	eye/eye	6	9200 001 277	Mercedes-Benz 942 890 59 19
Renault Premium I/II	oil pressure, twin-tube system	fork/eye	7	1788 228 879	Renault 5010615879
Scania R, G, 94, 114, 144		without fastening element	9	8000 012 736	Scania 1424231
Scania R, G, P, T, series 4	gas pressure, twin-tube system	pin/pin	8	9200 290 987	Scania 1424227
Scania R, P, series 4		without fastening element	10	8000 012 660	Scania 1476415
Volvo FH, FH12, FH16, FM	oil pressure, twin-tube system	eye/eye	11	6170 003 414	Volvo 1622227
Volvo FH II (2002-), FH16	oil pressure, twin-tube system	eye/eye	13	6170 003 617	Volvo 20889134
Volvo FH II (-2008), FM, FMX, NH	oil pressure, twin-tube system	eye/pin	12	6172 045 325	Volvo 20889132 Volvo 20453256



Shock absorber



(Illustration similar)

suitable for	Version	Fastening	Order no.	Comparative no.
DAF	twin-tube system	eye/eye	9200 186 760	Koni 91-2229
DAF XF95	twin-tube	eye/eye	9200 001 090	Sachs 112 853
MAN F2000, F90				
Iveco Stralis I/II/III (Hi-Way), EuroStar, EuroTech, Trakker III (Hi-Land)	oil pressure, twin-tube system	eye/eye	9200 001 300	Sachs 124 856
Iveco Stralis I/II, EuroStar, EuroTech	oil pressure, twin-tube system	Pin/eye	9200 131 621	
MAN F90	twin-tube	Pin/eye	9200 001 160	Sachs 112 929
MAN F2000, M2000L, F90	twin-tube system	eye/eye	9200 001 335	Sachs 125 149
MAN F2000, M2000L, F90, M90	oil pressure, twin-tube system	pin/pin	9200 000 725	Sachs 112 859
MAN TGA, F90, M90	oil pressure, twin-tube system	eye/eye	9200 000 735	Sachs 112 854
MAN TGX (2013-), TGX (2007-), TGS, TGA	oil pressure, twin-tube system	eye/eye	9200 131 696	Sachs 131 696
Mercedes-Benz	oil pressure, twin-tube system	eye/eye	9201 301 431	Sachs 310 134
Mercedes-Benz Actros I/MP2/MP3	gas pressure, twin-tube system	eye/eye	9200 001 270	Sachs 290 997
Mercedes-Benz Actros I/MP2/MP3	oil pressure, twin-tube system	eye/eye	9200 105 423	Sachs 313 763
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III	oil pressure, twin-tube system	eye/eye	9200 124 567	Sachs 124 567
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III	oil pressure, twin-tube system	eye/eye	9200 131 623	Sachs 131 623
Mercedes-Benz Actros I/MP2/MP3, Axor II, Atego I	oil pressure, twin-tube system	eye/eye	9201 134 360	Sachs 124 360
Mercedes-Benz Actros I/MP2/MP3, Axor II/III	oil pressure, twin-tube system	eye/eye	9200 124 678	Sachs 124 678
Mercedes-Benz Actros I/MP2/MP3, Axor II/III, Atego I	oil pressure, twin-tube system	eye/eye	9200 001 310	Sachs 124 376
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III, Atego I/II/III	oil pressure, twin-tube system	eye/eye	9200 001 290	Sachs 131 944
Mercedes-Benz Actros I/MP2/MP3, Axor II/III, Atego I/II/III, Econic	oil pressure, twin-tube system	eye/eye	9200 001 235	Sachs 310 807
Mercedes-Benz Actros MP2/MP3	oil pressure, twin-tube	eye/eye	9200 125 898	
Mercedes-Benz Atego I/II/III	oil pressure, twin-tube system	eye/eye	9000 125 910	Sachs 313 766
Mercedes-Benz LK/LN2	twin-tube	eye/eye	9200 000 995	Sachs 311 234
Scania R, G, P, 94, 114, 124, 144, 164	oil pressure, twin-tube system	eye/eye	9200 186 060	Sachs 310 786
Scania R, G, P, 94, 114, 124, 114, 164	twin-tube system	eye/eye	9200 001 125	Sachs 125 598
Scania R, G, P, 94, 114, 124, 144, 164	twin-tube system	Pin/eye	9200 001 020	Sachs 310 783
Volvo FH II (2002-), FH12, FH16, FM9, FM12	oil pressure, twin-tube system	eye/eye	9203 011 657	Sachs 311 657
Volvo FH II (2002-), FM I (-2001)	oil pressure, twin-tube system	eye/eye	9200 001 285	Sachs 131 595
Volvo FH II (2002-), FH12, FH16, FM9, FM12	oil pressure, twin-tube system	eye/eye	9205 616 133	Sachs 311 656



Shock absorber



(Illustration similar)

suitable for	Version	Fastening	Order no.	Comparative no.
EvoBus	twin-tube system	eye/eye	9200 186 760	Koni 91-2229
MAN Lion's City (A20/A21/A26/A37/A47), NG (A23), NL (A21)	gas pressure, twin-tube	Ppn/pin	9200 131 340	Sachs 131 340
Neoplan Centroliner (N 45XX)				
Mercedes-Benz	twin-tube system	eye/eye	9280 013 915	Sachs 112 220
Setra				



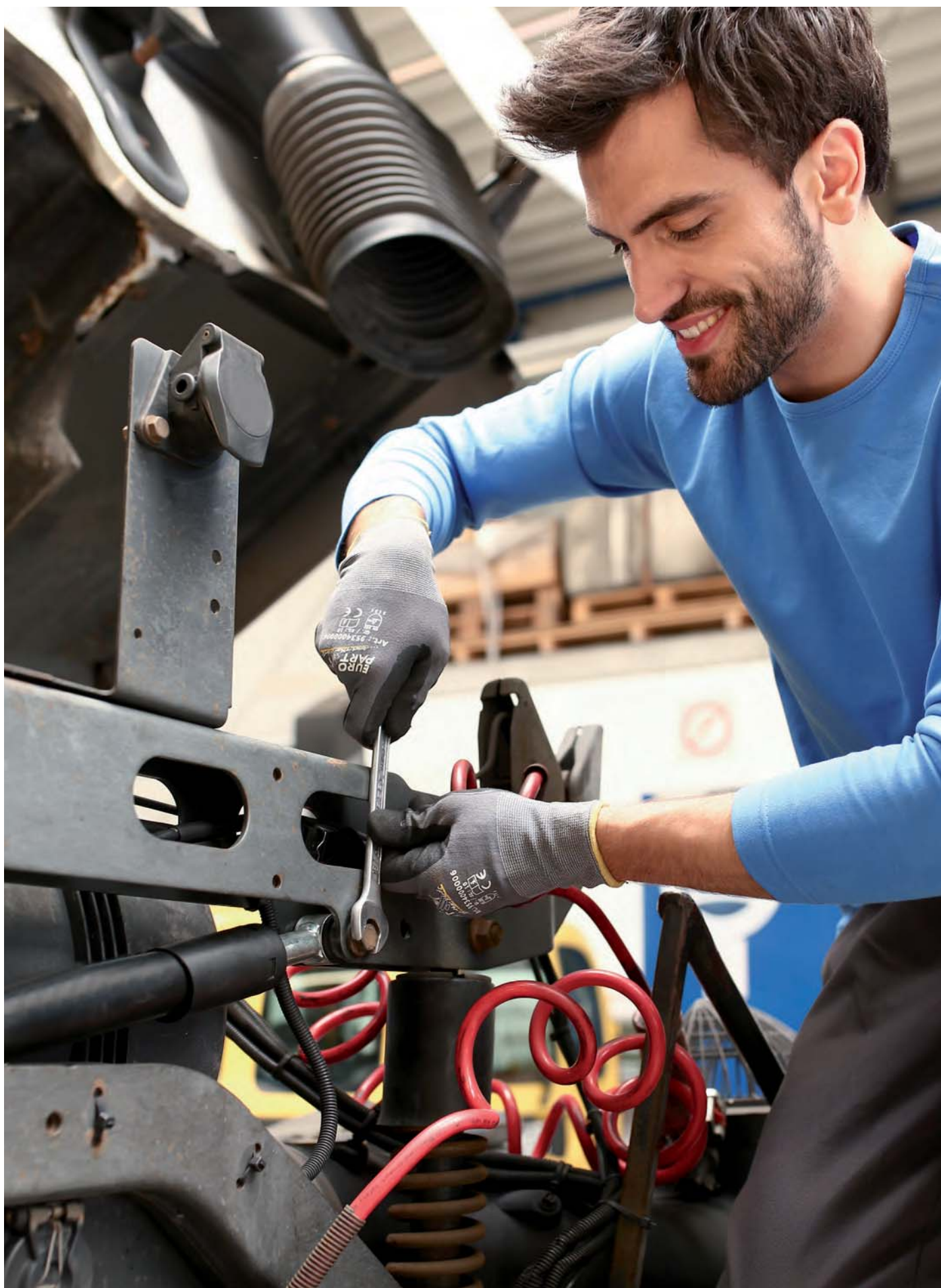
Shock absorber

Fastening eye/eye

(Illustration similar)



suitable for	Version	Order no.	Comparative no.
Acerbi	twin-tube system	9200 001 250	Koni 91-2516
Trailor			
BPW	oil pressure, twin-tube system	6123 722 830	Sachs 312 561
BPW	oil pressure, twin-tube system	6123 722 880	Sachs 312 977
BPW	oil pressure, twin-tube system	6123 722 890	Sachs 312 978
BPW OM, OT	twin-tube	6134 813 712	Sachs 170 179
BPW ON, ONT, OM, ONM, OT	twin-tube	6134 813 780	Sachs 170 183
SAF LF			
BPW 3-13t O, OM, OT	twin-tube	6134 813 311	Sachs 170 178
BPW 3-13t O, OM, OT	twin-tube	5200 207 220	Sachs 170 182
Gigant			
Schmitz			
BPW 3-13t OM	oil pressure, twin-tube	6134 813 031	Sachs 112 758
SAF LF			
Fruehauf OE 87001	twin-tube	5034 871 120	Sachs 170 191
Meritor (ROR) Flexair			
SAF LF			
Meritor (ROR) Flexair	twin-tube	9200 001 220	Sachs 123 840
Meritor (ROR) Flexair 9t, 11t	oil pressure, twin-tube system	7670 003 000	Sachs 665 008
Schmitz	oil pressure, twin-tube system	9588 912 755	Koni 91-2754
SAF	oil pressure, twin-tube system	9200 007 001	Sachs 312 668
SAF	twin-tube	5123 760 071	Sachs 312 669
SAF	twin-tube system	9200 007 201	SAF 2 376 0072 01
SAF	oil pressure, twin-tube system	9203 764 032	SAF 2.376.4032.00
SAF AR 316E/EH/H, EU 316E/EH/H	oil pressure, twin-tube system	5034 871 122	Sachs 170 198
Trailor L 200/2000 TEM			
SAF LF	twin-tube system	9200 186 760	Koni 91-2229
Schmitz			





Pneumatic system

Compressed air tank	106
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Compressed air tank
according to EN 286-2, steel



This figure corresponds to 3620 001 545

Volume	Length	Ø	Connection	Operating pressure	Order no.
5 l	341 mm	154 mm	3 x M22 x 1.5	15.5 bar	¹ 3620 001 545
10 l	368 mm	206 mm	4 x M22 x 1.5	15.5 bar	3620 020 610
15 l	527 mm	206 mm	4 x M22 x 1.5	15.5 bar	3620 020 615
20 l	414 mm	276 mm	4 x M22 x 1.5	15.5 bar	3620 027 620
20 l	493 mm	246 mm	4 x M22 x 1.5	15.5 bar	3620 024 620
20 l	691 mm	206 mm	4 x M22 x 1.5	15.5 bar	3620 020 620
25 l	599 mm	246 mm	4 x M22 x 1.5	15.5 bar	3620 024 625
30 l	583 mm	276 mm	4 x M22 x 1.5	15.5 bar	3620 027 630
30 l	709 mm	246 mm	4 x M22 x 1.5	15.5 bar	3620 024 630
37 l	862 mm	246 mm	4 x M22 x 1.5	12.5 bar	3620 024 637
40 l	618 mm	310 mm	4 x M22 x 1.5	12.5 bar	3620 031 040
40 l	758 mm	276 mm	4 x M22 x 1,5	12.5 bar	3620 027 640
40 l	927 mm	246 mm	4 x M22 x 1.5	15.5 bar	3620 024 640
60 l	580 mm	396 mm	4 x M22 x 1,5	12,5 bar	3620 039 660
60 l	893 mm	310 mm	4 x M22 x 1.5	12.5 bar	3620 031 060
60 l	1108 mm	276 mm	4 x M22 x 1.5	15.5 bar	3620 027 660
80 l	750 mm	396 mm	4 x M22 x 1,5	12,5 bar	3620 039 680
100 l	915 mm	396 mm	4 x M22 x 1.5	12,5 bar	3620 396 100
120 l	1055 mm	396 mm	4 x M22 x 1.5	12.5 bar	3620 396 120

¹ with bracket



Plastic pipe

contains plasticiser for extrusion, stabilised against thermal ageing and light

Length 25 m
Material Polyamide 12
Colour black

operating pressure at +20 °C: 45 bar

Application range
for compressed air systems



Outer Ø	Wall thickness	Bending radius	Order no.
4 mm	1 mm	30 mm	9194 310 021
5 mm	1 mm	30 mm	9176 720 161
6 mm	1 mm	30 mm	0492 519 177
8 mm	1 mm	40 mm	0492 519 167
9 mm	1,5 mm	60 mm	9176 720 131
10 mm	1 mm	60 mm	0492 519 157
10 mm	1,5 mm	60 mm	9176 720 081
12 mm	1,5 mm	60 mm	0492 519 147
14 mm	2 mm	75 mm	9176 720 141
15 mm	1,5 mm	90 mm	0492 519 137
16 mm	2 mm	100 mm	9010 060 445
18 mm	2 mm	100 mm	0492 519 127



Combination brake cylinder
with double membrane

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



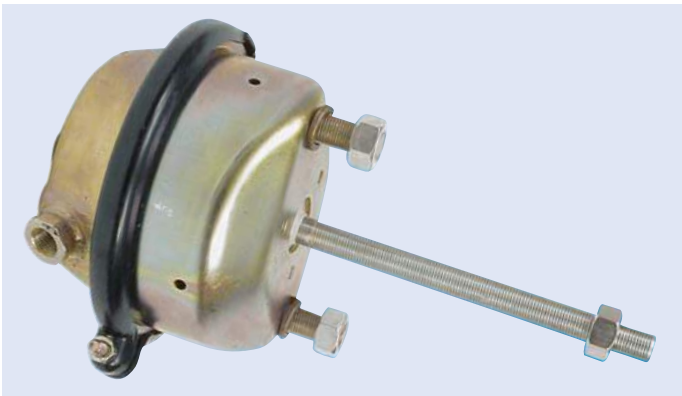
(Illustration similar)

Type	Order no.	Comparative no.
24/30	3734 618 111	WABCO 925 376 000 0
30/30	3731 363 031	WABCO 925 377 000 0



Membrane brake cylinder
Universal version

Version with 186 mm threaded rod



This figure corresponds to 3700 000 060

Type	Operating pressure	Order no.	Comparative no.
12	max. 8 bar	3700 000 005	WABCO 423 103 900 0
16	max. 10 bar	3700 000 010	WABCO 423 104 900 0
20	max. 10 bar	3700 000 020	WABCO 423 105 900 0
24	max. 10 bar	3700 000 060	WABCO 423 106 900 0
30	max. 8 bar	3700 000 070	WABCO 423 107 900 0



Membrane brake cylinder

Stroke 57 mm
Length of piston rod 37 mm
Connection M16 x 1.5



This figure corresponds to 3700 000 030

Type	Operating pressure	Order no.	Comparative no.
20	10 bar	3700 000 030	WABCO 423 105 111 0
24	8 bar	3700 000 050	WABCO 423 106 106 0



Air suzie

Standard	similar to DIN 74323
Material	Polyurethane (PUR)
Working length	4500 mm
Outer Ø	75 mm
Number of turns	22

Version	Colour	Connection	Order no.
Steel bending protection	red	M16 x 1.5/M16 x 1.5	9129 321 523
Steel bending protection	yellow	M16 x 1.5/M16 x 1.5	9129 321 522
Steel bending protection	black	M16 x 1.5/M16 x 1.5	9175 402 241
Plastic bend protection, yellow	black	M18 x 1.5/M18 x 1.5	9129 320 528
Plastic kink protection, red	black	M18 x 1.5/M18 x 1.5	9129 321 527
Plastic bend protection, black	black	M18 x 1.5/M18 x 1.5	9129 320 524



Air suzie

Standard	DIN 74323
Material	Polyamide
Colour	black

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



Braking system

Disc brake.....	112–124
Drum brake.....	125–137





Brake disc set

Version Internally ventilated
Installation location front axle/rear axle

Scope of supply
2-piece set



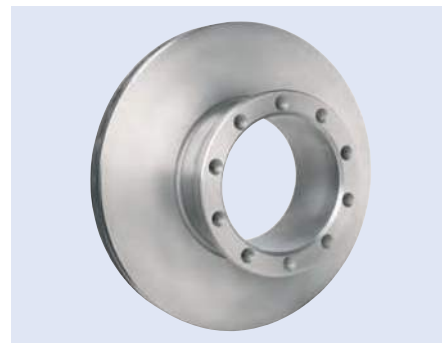
(Illustration similar)

suitable for	Dimensions	Order no.	Comparative no.
Iveco EuroCargo I	304 x 30 mm	2066 304 001	Iveco 01907725
Iveco EuroCargo I	322 x 30 mm	2066 304 002	Iveco 01907726
Iveco Stralis I/II, EuroCargo II	436 x 45 mm	2066 436 001	Iveco 02992477



Brake disc

Version internally ventilated
Installation location front axle



This figure corresponds to 2072 324 001

suitable for	Dimensions	Order no.	Comparative no.
Iveco Stralis I, EuroCargo I, EuroTech, EuroTrakker	436 x 45 mm	3410 376 540	Iveco 01906461
MAN F2000, M2000, F90	438 x 45 mm	2072 438 001	MAN 81.50803-0009
MAN L2000	330 x 34 mm	2072 324 001	MAN 81.50803-0026
MAN L2000	324 x 30 mm	2072 343 001	MAN 81.50803-0010
MAN TGL, L2000	335 x 34 mm	2072 335 001	MAN 81.50803-0042
MAN TGM, M2000L/M	377 x 45 mm	2072 377 001	MAN 81.50803-0057
MAN TGX, TGS, TGA	432 x 45 mm	2072 432 006	MAN 81.50803-0064
MAN TGX, TGS, TGA, TGM	377 x 45 mm	2072 377 002	MAN 81.50803-0044
MAN TGX (2007-), TGX (2013-), TGS, TGA, TGM, F2000, M2000	432 x 45 mm	2072 432 004	MAN 81.50803-0040
Mercedes-Benz Atego I/II	335 x 34 mm	3410 304 181	Mercedes-Benz 970 421 06 12
Mercedes-Benz Atego I/II/III	377 x 45 mm	3410 306 760	Mercedes-Benz 975 421 02 12
Mercedes-Benz Unimog	374 x 22 mm	* 2030 375 001	Mercedes-Benz 416 421 04 12
Renault Magnum I	434 x 45 mm	2087 434 001	Renault 5010422593
Renault Magnum I	440 x 45 mm	2087 440 001	Renault 5010216548
Renault Magnum I, Premium I	438 x 45 mm	2087 437 001	Renault 5010216437
Renault Midlum II	330 x 34 mm	2087 330 001	Renault 5010525308

* solid



Brake disc

Version internally ventilated
Installation location rear axle



This figure corresponds to 2030 330 001

suitable for	Dimensions	Order no.	Comparative no.
MAN L2000	330 x 34 mm	2072 330 001	MAN 81.50803-0022
MAN TGL	335 x 34 mm	2036 063 930	MAN 81.50803-0063
MAN TGL	335 x 34 mm	2036 063 950	MAN 81.50803-0062
MAN TGX (2013-), TGX (2007-), TGS, TGA, TGM	432 x 45 mm	2072 432 005	MAN 81.50803-0041
Mercedes-Benz Atego I/II	330 x 34 mm	2030 330 001	Mercedes-Benz 970 423 02 12
Mercedes-Benz Atego I/II/III	335 x 34 mm	2030 335 002	Mercedes-Benz 970 423 04 12
Mercedes-Benz Atego I/II/III	377 x 45 mm	3410 306 770	Mercedes-Benz 975 423 06 12



Brake disc

Version Internally ventilated
Installation location front axle/rear axle



This figure corresponds to 2090 430 001

suitable for	Dimensions	Order no.	Comparative no.
Mercedes-Benz New Actros (2012-), Actros I/MP2/MP3, Axor I/II, Atego I/II/III, Econic	430 x 45 mm	3403 460 000	Mercedes-Benz 942 421 11 12 Mercedes-Benz 942 421 12 12 Mercedes-Benz 942 421 21 12
Mercedes-Benz New Actros (2012-), Actros I/MP2/MP3, Axor II, Atego I/II/III, Econic	430 x 45 mm	3403 460 001	Mercedes-Benz 943 421 03 12
Scania R, G, P, 94, 114, 124, 144, 164	430 x 45 mm	2090 430 001	Scania 1852817

EUROPART Brake disc

- production to the highest automotive standard (TS16949) certified and continuously monitored by TÜV Germany
- checking of all significant product properties in collaboration with the KBA
- our quality management and external test institutions constantly check that standards are adhered to
- consists of high quality grey cast iron according to the international standard, which gives an optimum temperature stability
- ultra-modern production with 100% production depth, i.e. 100% control over the whole production process
- complete range of brake disks balanced
- Truck Race approved
- manufactured by our long standing production partner; proven cooperation for 8 years
- constant innovation in machinery
- high-quality product marking
- suitable for all current vehicle types

EUROPART
GOOD TO KNOW



Brake disc

Version Internally ventilated
Installation location rear axle



This figure corresponds to 2072 432 005

suitable for	Dimensions	Order no.	Comparative no.
Fast Scoler III, Syter (Euro 4)	432 x 45 mm	2072 432 005	MAN 81.50803-0041
MAN Lion's City (A20/A21/A37/A78), Lion's Classic Ü (A72), Lion's Coach (R07/R08), Lion's Regio (R12/R13), NG (A23), NL (A21), NÜ (A20)			
Neoplan Centroliner (N 45XX), Cityliner (N 12XX), Skyliner (2011-), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516)			
Temsa Safari			
Van Hool A320			
Heuliez GX 217, 417	438 x 45 mm	2009 438 001	Volvo 3112965
Volvo B7L, B12B			
Mercedes-Benz Tourino (O 510)	377 x 45 mm	3410 306 770	Mercedes-Benz 975 423 06 12



Brake disc

Version Internally ventilated
Installation location front axle



This figure corresponds to 2072 432 004

suitable for	Dimensions	Order no.	Comparative no.
Heuliez GX 117, 127, 317, 327, 427	434 x 45 mm	2087 434 001	Renault 5010422593
Irisbus Agora, Arès, Arway, Arway LE, Axer, Citelis, Citelis CNG, Crossway LE, Evadys, Iliade, Magelys, Récréo II			
MAN Lion's City (A20/A21/A23/A37/A47/A78), Lion's Classic Ü (A72), Lion's Coach (R07/R08), Lion's Regio (R12/R13), Lion's Star (R02/R03), NG (A23), NL (A21), NÜ (A20)	432 x 45 mm	2072 432 004	MAN 81.50803-0040
Neoplan Centroliner (N 45XX), Cityliner (N 12XX), Skyliner (N 1122), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516)			
Temsa Safari			
Van Hool A320/330, T900			
MAN Lion's Star (R02/R03), NG (A11), NL (A10, A15)	438 x 45 mm	2072 438 001	MAN 81.50803-0009
Mercedes-Benz Tourino (O 510)	377 x 45 mm	3410 306 760	Mercedes-Benz 975 421 02 12
Setra	406 x 48 mm	2069 406 001	Setra 179-24.11.111-31
Setra S 309/312/315 HD, S 315/317 HDH, S 328 DT, S 315/317/319 GT-HD, S 315/319 NF, S 313/315/319 UL, SG 321 UL	432 x 45 mm	2069 432 001	Setra 050 1313313



Brake disc

Version Internally ventilated
Installation location front axle/rear axle



This figure corresponds to 3403 460 000

suitable for	Dimensions	Order no.	Comparative no.
MAN Lion's City (A20/A23/A37/A47)	430 x 45 mm	3410 371 911	Mercedes-Benz 828 500 05 89
Mercedes-Benz Citaro (O 530), Cito (O 520)			
Neoplan Jetliner, Skyliner (N 1122)			
Scania OmniCity			
Setra S 315/319 NF			
Solaris Urbino III			
Temsa Avenue LF, Safari HD, Tourmalin			
VDL Citea, Bova Futura			
Mercedes-Benz Citaro I/II/C2 (O 530), Integro II (O 550), Intouro II, Turismo I/II (O 350), Travego I/II (O 580)	430 x 45 mm	3403 460 000	Mercedes-Benz 942 421 11 12 Mercedes-Benz 942 421 12 12 Mercedes-Benz 942 421 21 12
Setra S 315 GT, S 315/317/319 GT-HD, S 315/319 NF, S 313/315/317 UL, S 315/319 UL-GT, SG 321 UL, S 411/415 HD, S 416/417 HDH, S 431 DT, S 415/416/417 GT-HD, S 415 NF, S 415/417/419 UL			
Solaris Urbino III			
Mercedes-Benz Citaro I/II/C2 (O 530), Integro II (O 550), Turismo II, Travego II	430 x 45 mm	3403 460 001	Mercedes-Benz 943 421 03 12
Setra S 415 HD, S 417 HDH, S 431 DT, S 415/417/419 GT-HD, S 415 NF, S 415/417/419 UL			
Mercedes-Benz Turismo I (O 350)	438 x 45 mm	2030 438 001	Mercedes-Benz 356 421 10 12
Scania K94/114/124/250/270/310/360/380/400/440, L94, OmniCity	430 x 45 mm	2090 430 001	Scania 1852817



Brake disc

Version solid
Installation location rear axle
Height 95.5 mm
Hole pattern 5 x 15 mm
Hole circle Ø 130 mm
Centring-Ø 85 mm



(Illustration similar)

suitable for	Ø	Thickness	Order no.	Comparative no.
Mercedes-Benz Sprinter (901, 902, 903), 02/1995-05/2006	258 mm	12 mm	2030 258 001	Mercedes-Benz 901 423 04 12
VW LT II, 05/1996-07/2006				
Mercedes-Benz Sprinter (901, 902, 903), 02/1995-05/2006	272 mm	16 mm	2030 272 001	Mercedes-Benz 902 423 01 12
VW LT II, 05/1996-07/2006				



Brake disc

Version	internally ventilated	Thickness	22 mm
Installation location	front axle	Hole pattern	5 x 15 mm
Ø	276 mm	Hole circle Ø	130 mm
Height	77 mm	Centring-Ø	85 mm



(Illustration similar)

suitable for	Order no.	Comparative no.
Mercedes-Benz Sprinter (901, 902, 903, 904), 01/1995-05/2006 VW LT II, 05/1996-07/2006	2030 276 001	Mercedes-Benz 901 421 03 12



Brake disc

Version	internally ventilated	Thickness	22 mm
Installation location	rear axle	Hole pattern	6 x 15 mm
Ø	285 mm	Hole circle Ø	145 mm
Height	93 mm	Centring-Ø	120 mm



(Illustration similar)

suitable for	Order no.	Comparative no.
Mercedes-Benz Sprinter (904), 02/1996-05/2006 VW LT II, 05/1996-07/2006	3500 009 766	Mercedes-Benz 904 423 03 12



Brake disc

Version internally ventilated



(Illustration similar)

suitable for	Installation location	Dimensions	Order no.	Comparative no.
Mercedes-Benz Vario, 1996-	front axle	304 x 30 mm	2030 304 007	Mercedes-Benz 668 421 01 12
Mercedes-Benz Vario, 1996-	front axle	324 x 30 mm	2030 324 003	Mercedes-Benz 668 421 02 12
Mercedes-Benz Vario, 1996-	rear axle	324 x 30 mm	9464 230 512	Mercedes-Benz 668 423 05 12



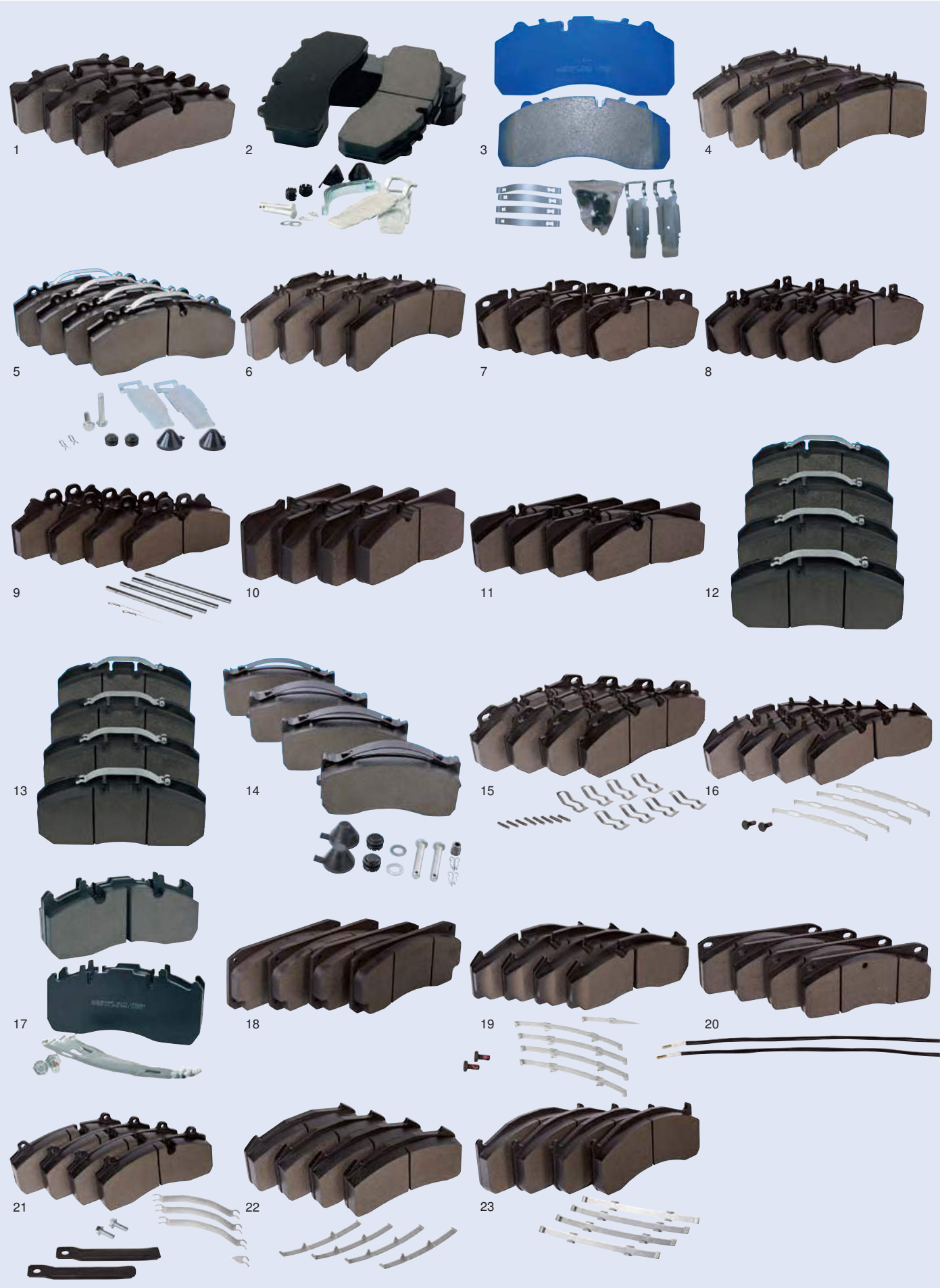
Brake disc

Version internally ventilated
Thickness 45 mm



This figure corresponds to 2040 370 002

suitable for	Outer $\varnothing$	Hole circle $\varnothing$	Number of holes	Order no.	Comparative no.
BPW SHSF, SHSFA, SHSM, SHZF, SHZM ECO-MAXX, ECO Plus	377 mm	335 mm	10	2040 370 006	BPW 03.088.34.08.7
BPW SHSF, SHSM, SHSF, SHSFA, SHSMA, SHZ, SHZF, SHZM ECO-MAXX/ECO Plus	430 mm	335 mm	10	2040 430 002	BPW 03.088.35.05.7
BPW SKH, SKHB, SKHBF, SKHBFHLL, SKHBM, SKHBMHLL, SKHSF, SKHSFA, SKHSFHLL, SKHSM, SKHSMA, SKHSMHLL, SKHSMHLL, SKHZF, SKHZM, SKHZMA ECO-MAXX/ECO Plus	377 mm	275 mm	8	2040 370 003	BPW 03.088.34.01.7
BPW SKH, SKHB, SKHBF, SKHBFHLL, SKHBM, SKHBMHLL, SKHSF, SKHSFA, SKHSFHLL, SKHSM, SKHSMA, SKHSMHLL, SKHZF, SKHZM, SKHZMA ECO-MAXX, ECO Plus	377 mm	335 mm	10	2040 370 002	BPW 03.088.34.06.7
BPW SKH, SKHBF, SKHBFHLL, SKHBM, SKHBMHLL, SKHSF, SKHSFA, SKHSFHLL, SKHSM, SKHSMA, SKHSMHLL, SKHSMHLL, SKHZF, SKHZM, SKHZMA ECO-MAXX, ECO Plus	377 mm	335 mm	10	2040 370 017	BPW 03.088.34.04.0
BPW SKH, SKHBF, SKHBFHLL, SKHBM, SKHSF, SKHSFHLL, SKHSM, SKHZF, SKHZM ECO-MAXX/ECO Plus	377 mm	275 mm	8	2040 370 004	BPW 03.088.34.03.7
BPW SKHSMA, SKHSMHLL, SKHZF, SKHZM ECO-MAXX/ECO Plus	377 mm	335 mm	10	2040 370 008	BPW 03.088.34.10.7 BPW 03.088.34.13.7
Gigant DOKH2 09010 3745/4345		335 mm	10	5209 267 086	Gigant 09267086
Mercedes-Benz DCA, TE4/TZ4	377 mm	238 mm	10	2034 006 480	Mercedes-Benz 675 421 00 12
Mercedes-Benz DLS, NR 5	377 mm	201 mm	8	3410 306 770	Mercedes-Benz 975 423 06 12
Mercedes-Benz NR 5	430 mm	211 mm	10	3403 460 000	Mercedes-Benz 942 421 11 12 Mercedes-Benz 942 421 12 12 Mercedes-Benz 942 421 21 12
Meritor LM, TM	378 mm	275 mm	8	2076 242 630	Meritor 21224263
Meritor LM/LC	378 mm	222 mm	10	2076 378 001	Meritor 21225115
Meritor LM/LMC	378 mm	250 mm	10	2076 378 002	Meritor 21227349
Meritor TA/TC Duco	434 mm	250 mm	10	7678 323 825	Meritor MBR9004
SAF SKRB 9019 K/W	375 mm	168 mm	12	2051 000 700	SAF 4.079.0007.03
SAF SKRB 9022 H/K	430 mm	168 mm	12	2051 000 501	SAF 4.079.0005.00 SAF 4.079.0005.01 SAF 4.079.0005.02
SAF SKRZ 9019/11019 K, SKRB 9019 K, SKRS 9019/11019 K	377 mm	275 mm	8	2051 000 401	SAF 4.079.0004.00
SAF SKRZ 9022/11222 K, SKRB 9022 K, SKRS 9022/11222 K	430 mm	335 mm	10	2051 000 301	SAF 4.070.0030.00
SMB O-A2020/A2040/A2095/A2130 D1-09	430 mm	335 mm	10	9180 200 135	SMB M20013501

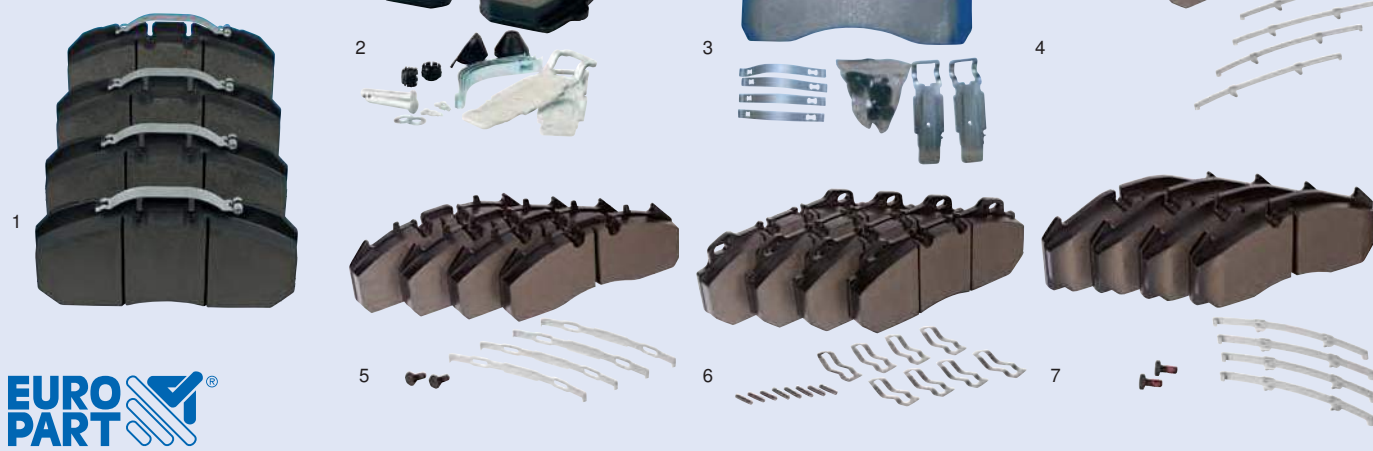




Brake pad set

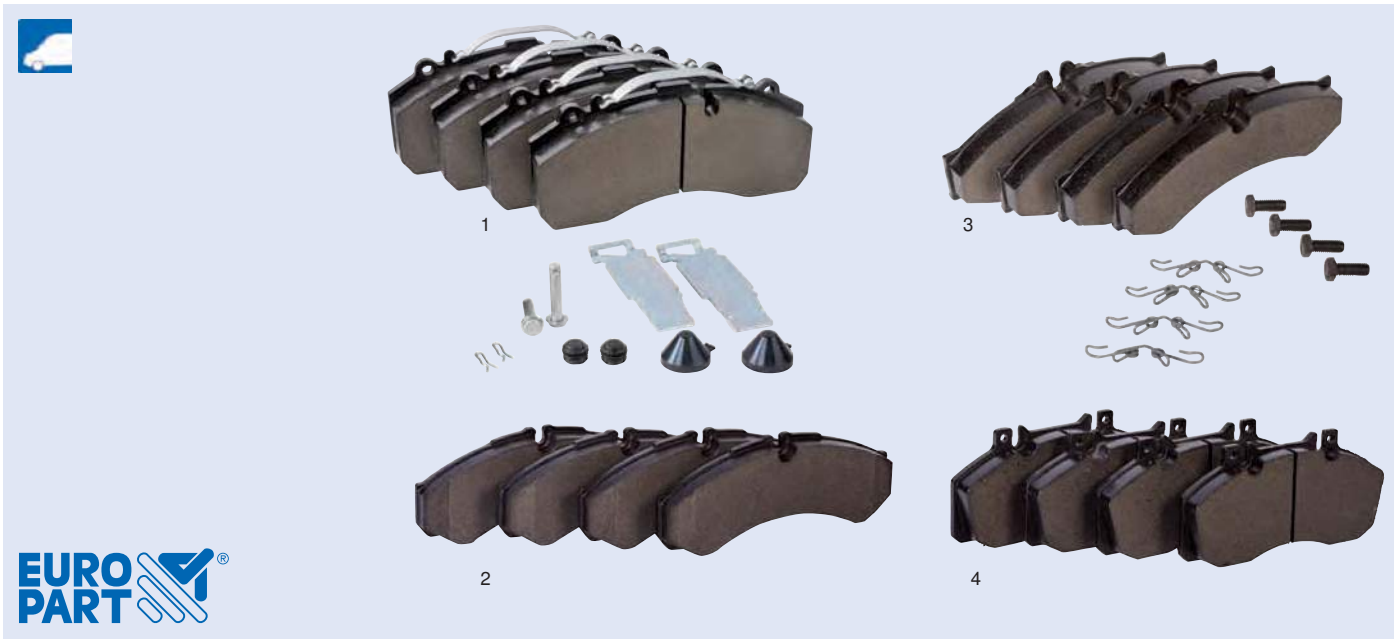
suitable for	WVA no.	Lining width	Lining thickness	Fig.	Order no.	Comparative no.
DAF CF65, LF Euro 6 (2013-), LF45	29091	82,5 mm	27,00 mm	1	2129 091 603	DAF 1436901
DAF XF95, 95XF, CF85, 85CF, CF75, CF65, LF55	29059,	109,5 mm	30,00 mm	3	2323 405 207	DAF 1439324
Iveco Stralis I/II, EuroCargo I/II, EuroTech, EuroTrakker, Trakker I/II, Strator	29061,					Iveco 2992476
MAN TGX, TGS, TGA, TGM	29087,					MAN 81.50820-6056
Mercedes-Benz Actros I/MP2, Axor I/II, Atego	29108,					Mercedes-Benz 002 420 49 20
Scania 94, 114, 124, 144, 164	29201					Scania 1390428
DAF XF Euro 6 (2012-), XF105, XF95, 95XF, CF85, 85CF, CF75, CF65, LF55	29061,	109,5 mm	30,00 mm	2	2323 405 206	DAF 1439324
Iveco Stralis I/II, EuroCargo, EuroTech, EuroTrakker, Trakker	29059,					Iveco 2992348
MAN TGX (2013-), TGS, TGA, TGM	29087,					MAN 81.50820-6030
Mercedes-Benz Actros I/MP2/MP3, Axor I/II/III, Atego I/II	29108,					Mercedes-Benz 002 420 22 20
Scania 94, 114, 124, 144, 164	29201					Mercedes-Benz 006 420 10 20
Iveco EuroCargo I, EuroFire	29032	110 mm	25,00 mm	4	2129 032 603	Scania 1390428
Iveco EuroCargo I, EuroFire	29095	92.5 mm	30,00 mm	5	2129 095 006	Iveco 190 6170
MAN TGX, TGS, TGA, TGM						Iveco 2992336
Mercedes-Benz Axor, Atego I/II						MAN 81.50820-6008
						MAN 81.50820-6022
						MAN 81.50820-6058
						Mercedes-Benz 002 420 78 20
						Mercedes-Benz 002 420 79 20
Iveco EuroCargo I, EuroStar, EuroTech	29011	125 mm	25,00 mm	6	2129 011 008	
Iveco EuroCargo I/II, EuroFire	29122	85.5 mm	22,00 mm	7	2129 122 008	Iveco 1906416
Iveco EuroCargo I	29065	85 mm	22,00 mm	8	2129 065 603	Iveco 190 6144
Renault Midliner S						Renault 5001014694
Iveco EuroCargo II, EuroFire	29256	95 mm	27 mm	9	2129 256 008	Iveco 2996518
MAN	29056	82,5 mm	29,00 mm	10	2129 056 603	MAN 81.50800-6010
MAN L2000	29055	82.5 mm	22,00 mm	11	2129 055 603	MAN 81.50820-6009
MAN TGA, F2000, F90	29030,	118,2 mm	28,00 mm	12	2129 030 009	MAN 81.50820-6016
Renault Magnum I/II, Premium I, R (Major) , G (Manager)	29113,					MAN 81.50820-6034
	29210					MAN 81.50820-6046
						Renault 5001823000
MAN TGA	29131	117,9 mm	30,00 mm	13	2129 131 604	MAN 81.50820-5072
Renault Magnum I, Premium I						MAN 81.50820-6041
						MAN 81.50820-6051
						MAN 81.50820-6052
						Renault 5001855646
MAN TGL	29183	84 mm	27,00 mm	14	2129 115 008	MAN 81.50820-6063
Mercedes-Benz Atego I/II						Mercedes-Benz 003 420 72 20
Renault Magnum I, Premium I	29090	114.2 mm	28,00 mm	15	2129 090 008	Renault 5001831161
Renault Magnum II/III, Premium II	29174	106,9 mm	29,00 mm	16	2129 174 008	Renault 7421399929
Volvo FH II (2002-), FE I (2006-)						Volvo 20568711
Renault Midlum II	29173,	96,8 mm	29,20 mm	17	2129 173 008	Renault 5001864365
Volvo FH, FL II (2006-). FE I (2006-)	29203					Renault 7421399915
						Volvo 20568712
						Volvo 20568715
						Volvo 21352573
Renault R (Major), G (Manager)	29043	96 mm	24,00 mm	18	2129 043 603	Renault 5000294357
Volvo FH II (2002-), FH12, FH16, FM9, FM12, FL, FL6	29125,	110 mm	29,00 mm	19	2129 125 009	Volvo 3095396
	29277					
Volvo FL4, FL6, FLC, FS7	29039		22,00 mm	20	2129 039 008	Volvo 12761476
Volvo FL7 II (2006-)	29181	93,2 mm	30,00 mm	21	2129 181 008	Volvo 20844903
Volvo FL I (-2006)	29136	89.1 mm	29,20 mm	22	2129 136 603	Volvo 3093531
Volvo FL I (-2006)	29137	89.1 mm	29,20 mm	23	2129 137 603	Volvo 3093532

¹specifically for short-distance use



Brake pad set

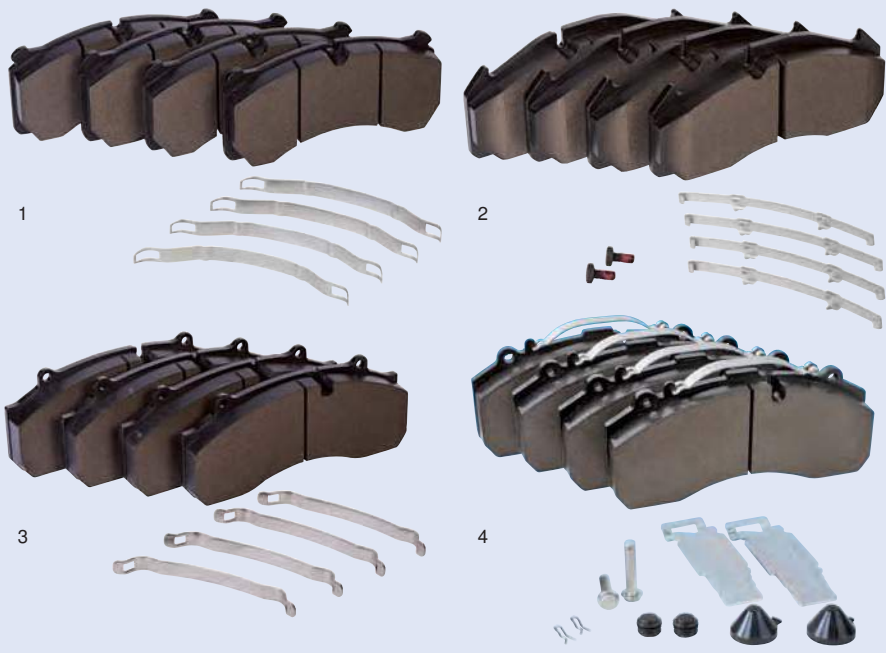
suitable for	VVA no.	Lining width	Lining thickness	Fig.	Order no.	Comparative no.
Fast Scoler II Euro 3	29131	117,9 mm	30,00 mm	1	2129 131 604	Irisbus 2996068
Heuliez GX 127, 327, 427						Irisbus 5001020312
Irisbus Agora, Arès, Arway, Arway LE, Citelis, Citelis CNG,						Irisbus 5006028410
Crossway LE, Evadys, Iliade, Magelys, Récréo II						MAN 81.50820-5072
MAN Lion's Classic Ü (A72)						MAN 81.50820-6041
Neoplan Centroliner (N 45XX)						MAN 81.50820-6051
						MAN 81.50820-6052
Irisbus Eurorider	29061,	109,5 mm	30,00 mm	2	2323 405 206	DAF 1439324
MAN Lion's Coach (R07/R08)	29059,					Iveco 2992348
Mercedes-Benz Tourismo I (O 350)	29087,					MAN 81.50820-6030
Neoplan Cityliner (N 12XX), Skyliner (N 1122/2011-),	29108,					Mercedes-Benz 002 420 22 20
Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516)	29201					Mercedes-Benz 006 420 10 20
Scania OmniCity						Scania 1390428
Setra S 328 DT, S 315 GT, S 315/317/319 GT-HD,						
S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT,						
SG 321 UL, S 411/415 HD, S 415/417 HDH, S 431 DT						
Solaris Urbino						
Temsa Safari HD						
VDL Bova Futura, Bova Lexio, Bova Magiq						
Irisbus Eurorider	29059,	109,5 mm	30,00 mm	3	2323 405 207	Iveco 2992476
MAN Lion's Coach (R07/R08)	29061,					MAN 81.50820-6056
Neoplan Cityliner (N 12XX), Skyliner (N 1122),	29087,					
Starliner (N 52XX), Tourliner (N 2216),	29108,					
Trendliner (N 3516)	29201					
MAN Lion's City (A20/A21/A37), NG (A23), NL (A21),	29053	118 mm	30,00 mm	4	2129 053 703	MAN 81.50820-5007
NÜ (A20)						MAN 81.50820-6045
Neoplan Centroliner (N 45XX), Tourliner (N 2216),						
Trendliner (N 3516)						
Volvo B5LH, B7R, B9L, B9R, B9TL, B13R	29174	106,9 mm	29,00 mm	5	2129 174 008	Volvo 20568711
Volvo B7L, B7R, B12, B12B	29090	114.2 mm	28,00 mm	6	2129 090 008	Volvo 3093919
Volvo B7R, B9L, B9R, B9TL, B12B, B12R	29125,	110 mm	29,00 mm	7	2129 125 009	Volvo 3095396
	29277					



Brake pad set

suitable for	WVA no.	Lining width	Lining thickness	Fig.	Order no.	Comparative no.
Iveco Daily, 05/1999-	29121	66.5 mm	18,30 mm	1	2129 121 503	Iveco 2994086
Iveco Daily, 05/1999- Daily, 05/2006-	29121	66,5 mm	20,30 mm	2	2129 121 603	Iveco 2992339 Renault 5001844747
Renault Master II, 01/2004-, Mascott						
Mercedes-Benz Sprinter (901, 902, 903, 904), 02/1995-05/2006	29076	72.8 mm	20,00 mm	3	2129 076 008	Mercedes-Benz 002 420 41 20 VW 2D0.698.151B
VW LT II, 05/1996-07/2006						
Mercedes-Benz T2/LN1, Vario	29835	85 mm	22,00 mm	4	2129 835 008	Mercedes-Benz 002 420 62 20





Brake pad set

suitable for	WVA no.	Lining width	Lining thickness	Fig.	Order no.	Comparative no.
Meritor DX 195	29124	102 mm	27,00 mm	2	2129 124 008	Meritor MDP1314
Meritor LM, TA, TAC	29125, 29277	110 mm	29,00 mm	1	2129 125 009	Meritor MDP5057
SAF SKRB 9022 H	29143	105 mm	30,00 mm	3	2129 143 603	SAF 3.057.3179.00
SAF SKRZ, SKRB, SKRLB, SKRS, SKRZ	29158	108 mm	30,00 mm	4	2129 158 009	SAF 3.057.0085.00

EUROPART Disc brake pad

- Truck Race approved
- ECE R90 conformant: goes well beyond the specified requirements with regard to the development tests
- pass through constant safety test (Alps), comfort tests (noise tests) and are tested for a sustainable service life in relation to the disk compatibility
- the mixture is the essence – this includes bonding agent (milled resins), fibre components (including mineral wool, glass fibre), lubricant (graphite powder, metal sulphide powder), metallic (e.g. copper, steel) and mineral (e.g. aluminium oxide) fillers
- no undesirable brake noises
- accessory parts provided
- suitable for all current vehicle models from Iveco, MAN, Mercedes-Benz, Volvo, Renault, DAF and Scania

EUROPART
GOOD TO KNOW



Brake pad sensor for disc brake



(Illustration similar)

suitable for	WVA no.	Length	Order no.	Comparative no.
DAF LF55	29088	323 mm	9333 422 002	DAF 68323004
Iveco EuroCargo I, EuroStar, EuroTech	29011, 29032	405 mm	9333 094 701	Iveco 1907956
Iveco EuroCargo I/II, EuroFire	29065, 29067	200 mm	9333 301 901	Iveco 1906462
Iveco EuroCargo II, EuroFire Daily, 05/1999-Daily, 05/2006-	29122, 29374	210 mm	9333 552 002	Iveco 2992393
MAN TGA, F2000	29131, 29156	330 mm	9333 412 007	MAN 81.50822-6018
Renault D-Truck (2013-), Midlum I/II	29088, 29117	303 mm	9333 312 001	Renault 5010848607
Renault Magnum II/III, Premium II, Midlum II	29174, 29173	360 mm	9333 311 903	Renault 68325408



Brake pad sensor for disc brake



(Illustration similar)

suitable for	WVA no.	Length	Order no.	Comparative no.
Fast Scoler III, Syter	29053	405 mm	9333 411 903	MAN 81.50822-6017
MAN Lion's City (A20/A22/A23/A26/A35/A39/A66), NG (A23), NL (A21), NÜ (A20)				
Neoplan Centroliner				
Temsa Diamond, Safari				
Van Hool A308/320/330, T900				
Irisbus Euro rider	29108, 29179	315 mm	9333 352 001	Iveco 1903651
MAN Lion's City (A20/A22/A23/A26/A35/A39/A66), Lion's Coach, Lion's Star, EL (A12), NG (A23), NL (A21)	29055, 29088	298 mm	9333 412 004	MAN 81.50822-6016
MAN Lion's Coach (R07/R08), Lion's Comfort (RN313/RN353), Lion's Star (R02/R03), EL (A12), NG (A11), NL (A10/A15)	29093, 29094	385 mm	9333 412 002	MAN 81.550822-6016
MAN Lion's Star (RH 414/464), EL, EM, NG, NM, NÜ, SÜ, ÜL	29131, 29156	330 mm	9333 412 007	MAN 81.50822-6018
Van Hool A330				
MAN NL (A10/A15)	29093, 29095	395 mm	9333 412 005	MAN 81.50822-6029
Mercedes-Benz Integro II (O 550), O 404, Tourismo I (O 350)	29253		9333 062 001	Mercedes-Benz 356 540 00 17
Neoplan Centroliner (N 44XX), Cityliner (N 1216/N 116), Euroliner (N 3316/3318), Jetliner (N 2XX), Skyliner (N 122), Spaceliner (N 117), Starliner (N 5218/N 516), Tourliner (N 2216), Transliner (N 314/316), Trendliner (N 3516)				Neoplan 82135210
Scania K94/114/124/360/380, L94	29108, 29179	315 mm	9333 342 002	Scania 1388953
VDL Berkhof Ambassador				
Setra S 411/415 HD, S 415/416 HDH, S 431 DT, S 415/416 GT, S 415/416/417 GT-HD	29108	365 mm	9333 072 002	Mercedes-Benz 003 542 68 18
Volvo B12	29090, 29100	265 mm	9333 392 001	Volvo 3118128



Brake pad sensor

suitable for SAF



(Illustration similar)

Brake system	WVA no.	Length	Order no.	Comparative no.
Knorr SB6	29093, 29095	750 mm	9333 472 002	SAF Z0008242
Knorr SB7	29087, 29108	365 mm	9333 472 001	SAF Z0008241
WABCO PAN19	29159	800 mm	9333 472 003	SAF 12480036

EUROPART Wear indicator

- Production to the highest automotive standard: ISO 9001 and ISO/TS 16949
- consists of high-quality materials to provide perfect functionality: including plastics (high-quality polyamide, PPS, PEEK, LC etc.) and wires
- high fitting accuracy, especially at the plug connection
- developed and tested using the latest technology
- high-quality insulation against external environmental influences (including oil, water, dirt)
- complete wear indicator made of temperature-resistant materials

EUROPART
GOOD TO KNOW



Brake drum

Installation location front axle



(Illustration similar)

suitable for	Inner Ø	Height	Hole circle Ø	Number of holes	Order no.	Comparative no.
DAF 95XF, 85CF, 75CF, 65CF, F95, F85, F75, F65	420 mm	239 mm	335 mm	10	2029 420 011	DAF 090500
DAF XF95	420 mm	228 mm	335 mm	10	2029 420 005	DAF 1233462
MAN G90	325 mm	167 mm	245 mm	6	2072 325 001	MAN 81.50110-0194
MAN TGX, TGS, TGA, F2000, M2000L, F90, M90	410 mm	232 mm	335 mm	10	2072 410 018	MAN 81.50110-0232
Mercedes-Benz Actros I/MP2, Atego I/II, SK, NG	410 mm	260 mm	335 mm	10	2030 410 049	Mercedes-Benz 387 421 02 01
Mercedes-Benz Actros I/MP2/MP3, Axor I/II, tigo I, SK, MK, NG	410 mm	237 mm	335 mm	10	2030 410 039	Mercedes-Benz 658 421 00 01
Mercedes-Benz SK, MK, NG, T2/LN1, Unimog	410 mm	213 mm	335 mm	10	2030 410 518	Mercedes-Benz 305 421 04 01
Scania 93, 113, 143	413 mm	263 mm	335 mm	10	2090 413 020	Scania 392391
Volvo FH12, FH16	410 mm	261 mm	335 mm	10	2009 410 018	Volvo 10753069
Volvo FL6	360 mm	247 mm	275 mm	8	2009 360 001	Volvo 6772133

8

Braking system



Brake drum

Installation location front/rear axle



(Illustration similar)

suitable for	Inner Ø	Height	Hole circle Ø	Number of holes	Order no.	Comparative no.
MAN F2000, M2000M, F90, M90	410 mm	212 mm	335 mm	10	2072 410 021	MAN 81.50110-0231
MAN M2000L, L2000, M90, G90	360 mm	198 mm	275 mm	8	2072 360 001	MAN 81.50110-0216
Scania R, G, P, 94, 114, 124	413 mm	275 mm	335 mm	10	2090 413 033	Scania 1414153
Volvo FH12, FH16, FM7, FM9, FM10, FM12, FL6	410 mm	295 mm	335 mm	10	2009 410 001	Volvo 1599011
Volvo FH12, FH16, FM7, FM9, FM10, FM13, FL6	410 mm	274 mm	335 mm	10	2009 410 007	Volvo 1599010
Volvo FM7 I (-2001)	410 mm	294 mm	335 mm	10	2009 410 016	Volvo 3171747



Brake drum

Installation location rear axle



This figure corresponds to 2030 410 508

suitable for	Inner Ø	Height	Hole circle Ø	Number of holes	Order no.	Comparative no.
DAF 95XF, 85CF, 75CF, 65CF, F95, F85, F75, F65	420 mm	288 mm	335 mm	10	2029 420 002	DAF 365579
DAF XF95, CF Euro 6 (2013-), CF85	420 mm	288 mm	335 mm	10	2029 420 010	DAF 754397
Iveco EuroStar, EuroTech, EuroTrakker	410 mm	258 mm	335 mm	10	2066 258 001	Iveco 7172079
Iveco EuroStar, EuroTech, EuroTrakker	410 mm	283 mm	335 mm	10	2066 410 003	Iveco 42118427
MAN M2000L/M, L2000	360 mm	247 mm	275 mm	8	2072 360 005	MAN 81.50110-0237
MAN TGX, TGS, TGA, F2000, M2000L, F90	410 mm	300 mm	335 mm	10	2030 410 508	MAN 81.50110-0144
MAN TGX, TGS, TGA, TGM, F2000, M2000L/M, F90, M90	410 mm	280 mm	335 mm	10	2072 410 002	MAN 81.50110-0101
Mercedes-Benz Actros I/MP2, Axor I/II, Atego, SK, MK, NG, Unimog	410 mm	280 mm	335 mm	10	2030 410 526	Mercedes-Benz 346 423 05 01
Mercedes-Benz Actros I/MP2/MP3, Axor I/II, Atego I, SK		306 mm	335 mm	10	2030 410 040	Mercedes-Benz 305 423 07 01
Mercedes-Benz Actros I/MP2/MP3, Axor I/II, Atego I, SK, MK, NG	410 mm	306 mm	335 mm	10	2030 410 034	Mercedes-Benz 305 423 04 01
Mercedes-Benz Atego I/II, SK, LK/LN2, T2/L	364 mm	210 mm	275 mm	8	2030 364 002	Mercedes-Benz 677 421 05 01
Mercedes-Benz Atego I/II, SK, LK/LN2, T2/L	364 mm	210 mm	275 mm	8	2030 364 002	Mercedes-Benz 677 421 05 01
Mercedes-Benz Atego I/II, SK, MK, LK/LN2, NG	364 mm	193 mm	275 mm	8	2030 364 001	Mercedes-Benz 677 421 04 01
Mercedes-Benz SK, MK, LK/LN2, NG	410 mm	290 mm	335 mm	10	2030 410 031	Mercedes-Benz 385 423 05 01
Renault Magnum, Premium	414 mm	278 mm	335 mm	10	2087 414 012	Renault 5010098949
Scania	413 mm	320 mm	335 mm	10	2090 413 014	Scania 360573
Scania R, G, P, 94, 114, 124	413 mm	263 mm	335 mm	10	2090 413 032	Scania 1414152
Volvo F12	394 mm	314 mm	335 mm	10	2009 394 008	Volvo 1590313
Volvo FH12, FH16	410 mm	307 mm	335 mm	10	2009 410 003	Volvo 15990124



Brake drum

Installation location	front axle
Inner $\varnothing$	410 mm
Hole circle $\varnothing$	335 mm
Number of holes	10



suitable for	Height	Order no.	Comparative no.
Mercedes-Benz Conecto I (O 345), O 405 N, O 407, O 408	213 mm	2030 410 518	Mercedes-Benz 305 421 04 01
Setra S 210-S 215, SG 219 SL, SG 221 UL	236 mm	2069 410 004	Setra 179 241111306



Brake drum

Installation location	front axle/rear axle
Inner $\varnothing$	410 mm
Height	212 mm
Hole circle $\varnothing$	335 mm
Number of holes	10



(Illustration similar)

suitable for	Order no.	Comparative no.
MAN NL (A10)	2072 410 021	MAN 81.50110-0231



Brake drum

Installation location	rear axle
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This figure corresponds to 2030 410 508

suitable for	Inner $\varnothing$	Height	Hole circle $\varnothing$	Number of holes	Order no.	Comparative no.
Irisbus Agora	414 mm	278 mm	335 mm	10	2087 414 012	Irisbus 5010098949
MAN NL (A10)	410 mm	300 mm	335 mm	10	2030 410 508	MAN 81.50110-0144
Mercedes-Benz O 405 N, O 407, O 408	410 mm	306 mm	335 mm	10	2030 410 034	Mercedes-Benz 305 423 04 01
Neoplan, Van Hool	410 mm	276 mm	335 mm	10	2054 410 001	Neoplan 4462322131
Setra S 313 UL, S 315 UL/UL-GT, S 319 UL/UL-GT, S 315 GT/H, S 315/317/319 GT-HD, SG 321 UL	410 mm	282 mm	335 mm	10	2069 410 006	Setra 179 252011411
Volvo B12	410 mm	307 mm	335 mm	10	2009 410 003	Volvo 15990124

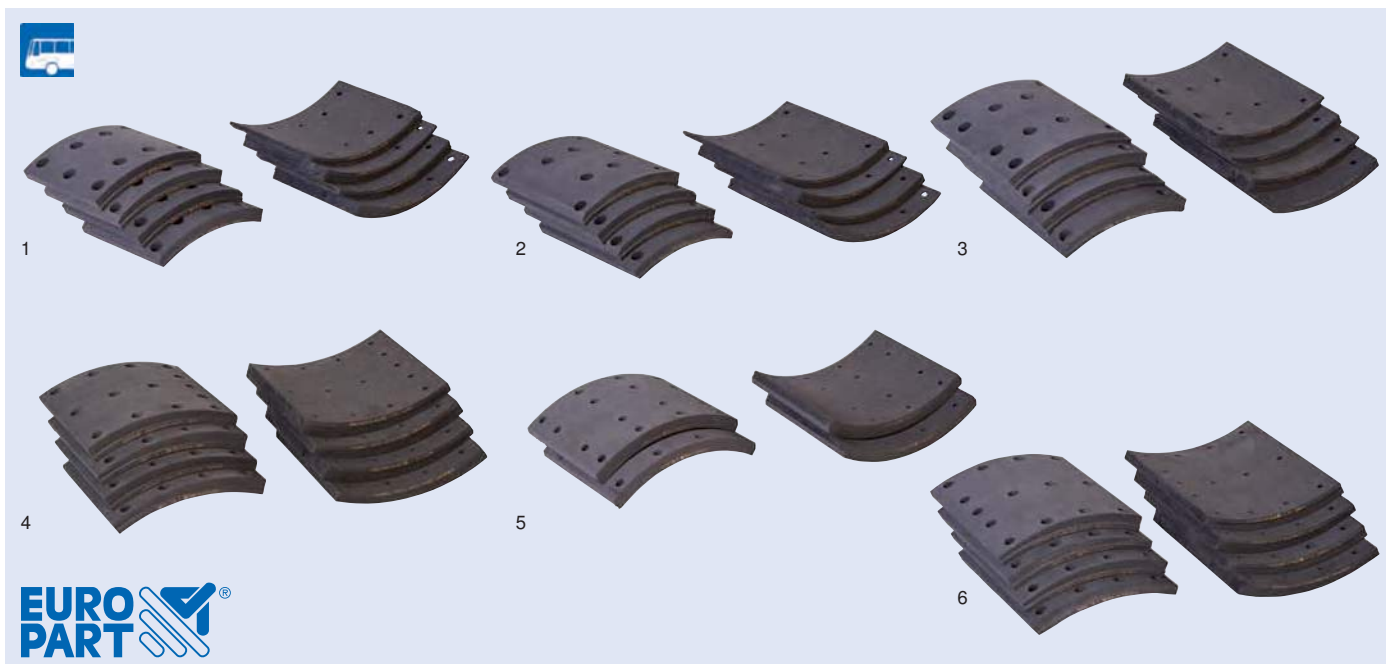


Brake drum



This figure corresponds to 2051 019 700

suitable for	Inner Ø	Height	Hole circle Ø	Number of holes	Order no.	Comparative no.
BPW HB, HI, HS, HZ, HZD, EH, ER	420 mm	308 mm	335 mm	10	2040 422 007	BPW 03.106.77.11.0
BPW HB, HI, HS, HZ, HZD, EH, ER	420 mm	246 mm	335 mm	10	2040 421 808	BPW 03.106.67.12.0
BPW HB, HI, HS, HZ, HZD, H/R, MS, MZ	420 mm	287 mm	335 mm	10	2040 422 019	BPW 03.106.77.52.0
BPW HB, HI, HS, HZ, HZD, H/R, MS, MZ	420 mm	260 mm	335 mm	10	2040 422 024	BPW 03.106.77.57.0
BPW HB, HI, HS, HZ, HZM, HZD, ECO	420 mm	226 mm	335 mm	10	2040 421 813	BPW 03.109.67.13.0
BPW HB, HI, HS, HZ, HZM, HZD, ECO-MAXX	420 mm	226 mm	335 mm	10	2040 421 814	BPW 03.109.67.19.0
BPW HS, MV, EB, HB, HZ	420 mm	253 mm	335 mm	10	2040 421 809	BPW 03.109.67.74.0
BPW K.. ECO-MAXX/ECO Plus/ECO Plus 2	360 mm	259 mm	275 mm	8	2040 362 003	BPW 03.109.90.03.0
BPW N.. ECO-MAXX/MAXX	300 mm	260 mm	225 mm	10	2040 302 014	BPW 03.109.46.06.0
BPW NH, NR, KH, KR	360 mm	263 mm	225 mm	10	2040 362 001	BPW 03.105.90.04.0
BPW NH, NR, KH, KR	360 mm	263 mm	275 mm	10	2040 362 002	BPW 03.105.90.02.0
BPW NH, NR, KH, KR, NH, NR, NM, ZN, ZR, ZX, ZZ	300 mm	260 mm	225 mm	10	2040 302 011	BPW 03.105.46.29.0
BPW NH, NR, KH, KR, NH, NR, NM, ZN, ZR, ZZ	300 mm	295 mm	225 mm	10	2040 302 009	BPW 03.105.46.20.0
Fruehauf P/PSL	419 mm	228 mm	335 mm	10	2046 419 001	Fruehauf 32313
Kässbohrer 8-10 t	400 mm	266 mm	335 mm	10	2069 402 061	Kässbohrer 015 268511115B
Meritor	351 mm	263 mm	225 mm	10	2076 350 001	Meritor 21209701
Meritor TM AC	311 mm	261 mm	225 mm	10	2076 310 002	Meritor 21018963
Meritor TM Q	419 mm	248 mm	335 mm	10	2076 420 001	Meritor 21018986
Meritor TM QE, LM	419 mm	238 mm	335 mm	10	2076 419 004	Meritor 21220183
Meritor TM Z	419 mm	272 mm	335 mm	10	2076 419 001	Meritor 21021114
SAF	419 mm	225 mm	335 mm	10	2075 419 001	SAF 1.064.0165.00
SAF RLSM, RSM	420 mm	227 mm	335 mm	10	2051 023 600	SAF 1.064.0236.01
SAF RLSM, RSM	420 mm	256 mm	335 mm	10	2051 026 101	SAF 1.064.0261.01
SAF RLSM, RSM, RLS, RZM, WRZM	420 mm	227 mm	335 mm	10	2051 006 002	SAF 1.064.0060.02
SAF RLSM, RSM, RLS, RZM, WRZM	420 mm	256 mm	335 mm	10	2051 010 801	SAF 1.064.0108.01
SAF SK RLS, SK RS	420 mm	227 mm	335 mm	10	2051 026 001	SAF 1.064.0260.02
SAF SK RZ	367 mm	260 mm	275 mm	8	2051 027 700	SAF 1.064.0277.00
SAF SK RZ	300 mm	280 mm	225 mm	10	2051 027 300	SAF 1.064.0273.00
SAF SK RZ, SK RLS, KRS, SK RS	420 mm	255 mm	335 mm	10	2051 027 000	SAF 1.064.0270.00
SAF WRZM, WZRLZM, WRLZM	300 mm	280 mm	225 mm	10	2051 019 700	SAF 1.064.0197.00
SMB O-A1800 C1-12, O-A1880 C1-12, O-A2020 C1- 09/11, O-A2040 C1- 10/11, O-A2095 C1- 09, O-A2130 C1- 09/10, V-A2040 C1- 09, V-A2095 C1- 09/10	419 mm	256 mm	335 mm	10	9180 003 717	SMB M003176



Brake lining set

suitable for	WVA no.	Lining width	Lining thickness	Fig.	Order no.	Comparative no.
MAN EL (A12), NG (A11), NL (A10/A15)	19579, 19706	163 mm	18,00 mm	1	2119 579 008	MAN 81.50221-0536
Mercedes-Benz Conecto I (O 345), O 405 N, O 408						MAN 81.50221-0878 Mercedes-Benz 301 423 70 10 Mercedes-Benz 357 423 04 11
MAN EL (A12), NG (A11), NL (A10/A15)	19581, 19707	223 mm	18,00 mm	2	2119 581 008	MAN 81.50221-0546
Mercedes-Benz O 405 N, O 407, O 408						MAN 81.50221-0727 MAN 81.50221-0888 Mercedes-Benz 301 423 79 10
MAN Lion's City (A21/A37), Lion's Coach, Lion's Comfort, Lion's Star, NG (A11), NL (A15/A21), SÜ, ÜL, HOCL	19581	222 mm	19,00 mm		2119 581 108	MAN 88.50220-0072
Mercedes-Benz Conecto I (O 345), O 405 N, O 407, O 408						Mercedes-Benz 301 423 21 10
MAN NG (A11), NL (A10/A15), R, SL II, SÜ, ÜL	19579	163 mm	20,40 mm		2119 579 308	MAN 81.50220-0566
Mercedes-Benz Conecto I (O 345), O 405 N, O 407, O 408, Tourismo (O 340)						Mercedes-Benz 301 421 13 10
MAN NL (A10)	19496, 19488	223 mm	18,30 mm	3	2119 488 108	MAN 81.50221-6102
MAN SM 152/182/192	19071	200 mm	19,10 mm	4	3002 410 455	Volvo 309517
Volvo B12						
Scania K93/113, L113	19932	203 mm	20,10 mm	5	3002 410 467	Scania 551166
Volvo B12	19068, 19940	223 mm	18,10 mm	6	2119 940 008	Volvo 3098 266

EUROPART Drum brake lining

- R 90 certified: we meet the highest European standard
- Production to the highest automotive standard: ISO/TS 16949
- ISO 14001:20044
- high level of expertise in development and manufacturing for 33 years
- secret mixture consisting of a variety of organic and inorganic materials
- ultra-modern production with 100% production depth
- high product coverage

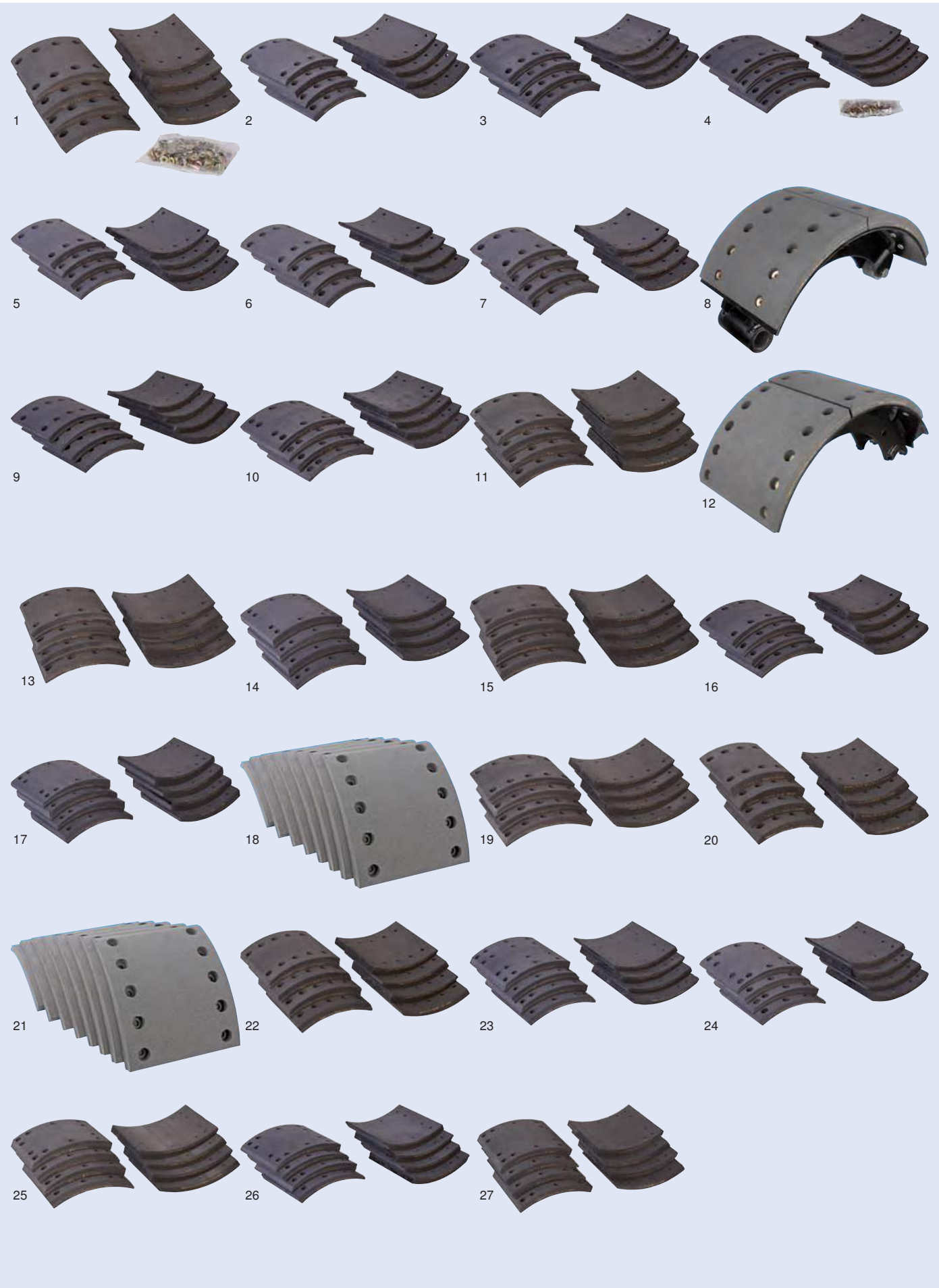
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Brake lining set

suitable for	WVA no.	Lining width	Lining thickness	Fig.	Order no.	Comparative no.
MAN M2000, F90, M90 Mercedes-Benz Atego I/II, SK, MK, NG	19494	163 mm	18,30 mm	1	2119 486 108	MAN 81.50221-0839 Mercedes-Benz 305 421 00 10
MAN M90 Volvo FH12, FH16, FM7, FM12, FL7, FL10, FL12	19071	200 mm	19,10 mm	2	3002 410 455	Volvo 309517
MAN TGA, E2000, F2000, M2000L/M, F90, M90 Mercedes-Benz Actros MP2/MP3, Atego, SK, MK, NG, Zetros	19495	183 mm	18,30 mm	3	2119 487 108	Mercedes-Benz 617 423 14 30
MAN TGM, M2000L/M, F90, M90 Mercedes-Benz Atego I/II, SK, MK, NG	19494	163 mm	17,00 mm	4	2119 486 008	MAN 81.50221-0840 MAN 81.50221-6093 Mercedes-Benz 617 423 18 30
MAN TGX, TGS, TGA, F2000, M2000L/M, F90, M90 Mercedes-Benz Actros I/MP2/MP3, Axor I/II, Atego I, SK, MK	19496	223 mm	17,00 mm	5	2119 488 008	MAN 81.50221-0865 MAN 81.50221-0681 MAN 81.50221-6101
MAN TGX, TGS, TGA, F2000, M2000L/M, F90, M90 Mercedes-Benz Actros I/MP2/MP3, Axor I/II, Atego I, SK, MK	19496	223 mm	17,00 mm	5	2119 488 008	MAN 81.50221-0865 MAN 81.50221-0681 MAN 81.50221-6101 Mercedes-Benz 305 423 03 10 Mercedes-Benz 617 423 55 11
MAN TGX, TGS, TGA, TGM, TGL, F2000, M2000L/M, F90, M90 Mercedes-Benz Actros I/MP2/MP3, Axor I/II, Atego I, SK, MK, NG	19495	183 mm	17,00 mm	6	2119 487 008	MAN 81.50220-0551 MAN 81.50221-0809 Mercedes-Benz 346 423 00 10 Mercedes-Benz 617 423 13 30
Mercedes-Benz Actros I/MP2, Atego, SK, MK	19496, 19488	223 mm	18,30 mm	7	2119 488 108	MAN 81.50221-6102 Mercedes-Benz 617 423 31 11
Renault Magnum I, R (Major), G (Manager)	19032	180 mm	18,80 mm	8	2119 032 108	Renault 5000823924
Renault Magnum I, R (Major), G (Manager)	19094	200 mm	17,50 mm	9	2119 094 008	Renault 5000814837
Scania 82, 92, 112, 142	19393	203 mm	19,00 mm	10	2119 393 008	Scania 181841
Scania 94, 114, 124, 144, 164, 93, 113, 143	19931	178 mm	19,00 mm	11	2119 931 008	Scania 385948 Scania 551123
Scania 94, 114, 124, 144, 164, 93, 113, 143	19932	203 mm	19,00 mm	12	2119 932 008	Scania 1109003 Scania 551124
Scania 94, 114, 124, 144, 164, 93, 113, 143	19932	203 mm	20,10 mm	13	3002 410 467	Scania 551166
Scania 94, 114, 124, 144, 164, 93, 113, 143	19933	254 mm	19,10 mm	14	2119 933 008	Scania 1535250
Volvo FH12, FH16, FM7, FM12, FL7, FL10, FL12, F10, F12, F16	19071	200 mm	18,30 mm	16	2119 939 008	Volvo 3095179
Volvo FH12, FH16, FM7 I (-2001), FM12, FL7, FL10, FL12, F10, F12, F16	19090	175 mm	18,30 mm	15	2119 938 008	Volvo 3095177
Volvo FH16, FH12, FL7, FL10, FL12, F10, F12, F16	19941	225 mm	17,90 mm		2119 941 008	Volvo 3095165
Volvo FM7 I (-2001)	19938	173,8 mm	18,00 mm	17	3002 410 457	Volvo 3095188





Brake lining set

suitable for	WVA no.	Lining width	Lining thickness	Fig.	Order no.	Comparative no.
BPW NH..., NM..., NR..., NRD..., ZR..., ZZ...	19574	200 mm	17,00 mm	1	2119 574 009	BPW 03.092.14.27.0
BPW	19902	200 mm	19,00 mm	2	2119 902 108	BPW 03.092.19.02.0
BPW E, EHF, EHI, EHIZ, EHIZVB, EHS, EHXZ, EHZ, EHZDO, HBMLS, HLKS, HLKSF, HLKSM, HLKZF, HSF, HSFD, HSFH, HSFHLL, HSFL, HSFLS, HSM, HSMH, HSMHLL, HXZH, HZF, HZFH, HZMD, HZMDHOM, HZMDHOT, HZMDO	19032	180 mm	19,80 mm	3	2119 032 208	BPW 03.092.26.05.0
SAF KRS, RBM, RLBM, RLSM, RSM, RZM, SKRLS, SKRS, SKRZ, SKZRLZ, WRZM						
BPW H, M, R	19032	180 mm	18,00 mm	4	2119 032 009	BPW 03.092.26.85.0
BPW H HSF, HSFH, HSFHLL, HSFL, HSM, HSMH, HSMHLL, HZF, HZFH ECO Plus2	19094	200 mm	17,00 mm		2119 094 009	
BPW KH, KM, KR	19902	200 mm	18,00 mm	5	2119 902 008	BPW 03.092.19.08.0
BPW NH, NHL, NHS, NHSF, NHSFH, NHSFL, NHSM, NHSMH, NHXZ, NHZ, NHZDLL, NHZDLS, NHZF, NHZFH, NHZFLL, NHZFOT, NHZFVB, NHZH, NHZLS, NHZM, NHZMDHLS, NMB, NMS, NMSFL, NMZ, NMZDL, NMZDLL, NMZDLS, NMZF, NMZFDLL, NMZFL, NMZFLL, NMZMDL, NMZMDLL, NMZMDLS, NMZML, NMZMLL, NMZMLS, NR, NRD; ZR, ZZ	19574	200 mm	19,00 mm	6	2119 574 108	BPW 03.091.14.37.0
BPW NH, NM, NR, NRD, ZR, ZZ	19573	150 mm	18,00 mm	7	2119 573 008	BPW 03.092.13.31.0
Kässbohrer	19166	200 mm	18,80 mm	8	2119 166 008	Kässbohrer 8.283.000.806
Kässbohrer	19166	200 mm	19,80 mm	9	2119 166 108	Kässbohrer 8.282.000.223
Meritor	19036	178 mm	18,60 mm	10	2119 036 008	Meritor 21200790B
SAF	19490	200 mm	20,80 mm	11	2119 490 008	SAF 1.057.0070.10
SAF EBN, ESN, EZN, WESN, WEZN	19517	150 mm	16,30 mm		2119 517 008	SAF 1.057.0033.00
SAF KRS, KRZ, KRZM, KRZT, RLSM, RZM, RZT, SK, SKRLS, SKRS, SKRZT, WRZM	19094	200 mm	17,50 mm	12	2119 094 008	SAF 1.057.0013.00
SAF KRS, KRZ, KRZM, RLSM, RSM, RZM, RZT, SK, SKRLS, SKRS, SKRZT, WRZM	19477	203 mm	20,60 mm	13	2119 477 008	SAF 1.057.0066.00
SAF KRS, RBM, RLBM, RLSM, RSM, RZM, SKRLS, SKRS, SKRZ, SKZRLZ, WRZM	19030	175,80 mm	22,20 mm	14	3002 410 621	Beral 1903022006016316
Meritor LM						
SAF KRS, RBM, RLBM, RLSM, RSM, RZM, SKRLS, SKRS, SKRZ, WRZM	19283	180 mm	21,90 mm	15	2119 283 208	SAF 1.057.0060.02
SAF KRS, RBM, RLBM, RLSM, RSM, RZM, SKRS, SKRZ, SKRLZ, WRZM	19030	177 mm	23,2 mm	16	3002 410 619	Beral 1903023006016316
Meritor LM						
SAF KRS, RBM, RLBM, RLSM, RSM, RZM, SKRLS, WRZM	19283	180 mm	21,60 mm	17	2119 283 108	SAF 1.057.0060.10
SAF KRS, RBM, RLBM, RSM, RZM, SKRLS, SKRLZ, SKRS, SKRZ, SKZRLZ, WRZM	19283	180 mm	19,90 mm	18	2119 283 008	SAF 1.057.0060.00
SAF RBM, RSM, RZM, SKRLS, SKRLZ, SKRS, SKRZ, SKZRLZ, WRZM	19032	180 mm	18,80 mm	19	2119 032 108	SAF 1.057.0012.10
SAF RZM, SKRS, WRLZM, WRZM, WZRLZM	19515	200 mm	16,80 mm	20	2119 515 108	SAF 1.057.0024.10
SAF RZM 13130, SKRS 9030, WRLZM 8130, 8435, 11030	19515	200 mm	16,30 mm	21	2119 515 008	SAF 3.057.3924.00
SAF WRLZM	19892	200 mm	18,00 mm	22	2119 892 008	SAF 1.057.0044.00
SMB O-A1800 C1-12, O-A2020 C1-11, O-A2040 C1-10, O-A2040 C1-11	19557	203 mm	18,00 mm	23	2119 557 008	Beral 1955718000015616
Trailor L200	19365	203 mm	18,50 mm	24	2119 365 008	Beral 1936518708015416
Trailor L200LUN, L200TEM	19036	178 mm	18,60 mm	25	2119 036 018	Beral 1903618600015606
York 2682/1/1850, 2682/2/1850, 2682/4P/1850, 2782/1/1850, 2782/12P/1850, 2782/2/1850, 2782/3/1850, 2782/P4/1850, 2782/5/1850						
York 2682/1/1850, 2682/2/1850, 2682/P4/1850, 2782/1/1850, 2782/2/1850, 2782/3/1850, 2782/4P/1850, 2782/5/1850, SS2081	19036	178 mm	18,60 mm	26	2119 036 028	Beral 1903618609015606
York 8002, 8003, 8012, AGB-100/20	19369	219 mm	18,60 mm	27	3002 410 566	Beral 1936918708015606



Brake pad sensor
for drum brake



suitable for	WVA no.	Length	Order no.	Comparative no.
Iveco EuroStar, EuroTech, EuroTrakker	19091, 19099	1320 mm	9333 305 701	Iveco 42530550
Iveco EuroStar, EuroTech, EuroTrakker	19553, 19555	1320 mm	9333 305 802	Iveco 93192921
MAN TGA, F2000, M2000L/M, F90, M90 EL, EM	19495, 19496	194 mm	9333 417 701	MAN 81.25937-0026

EUROPART Wear indicator

- Production to the highest automotive standard: ISO 9001 and ISO/TS 16949
- consists of high-quality materials to provide perfect functionality: including plastics (high-quality polyamide, PPS, PEEK, LC etc.) and wires
- high fitting accuracy, especially at the plug connection
- developed and tested using the latest technology
- high-quality insulation against external environmental influences (including oil, water, dirt)
- complete wear indicator made of temperature-resistant materials

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Slack adjuster

Version automatic, 1 Piece

suitable for	Installation location	Installation side	Fig.	Order no.	Comparative no.
Mercedes-Benz Actros I/MP2/MP3, Atego I, Axor I/II, SK, MK, NG	front axle	left	1	1205 866 510	Mercedes-Benz 945 420 00 38
Mercedes-Benz Actros I/MP2/MP3, Atego I, Axor I/II, SK, MK, NG	front axle	right	2	1205 866 515	Mercedes-Benz 945 420 01 38
Mercedes-Benz Actros I/MP2/MP3, Atego I, Axor I/II, SK, MK, LK/LN2, NG	rear axle	left	3	1205 866 500	Mercedes-Benz 945 420 02 38
Mercedes-Benz Actros I/MP2/MP3, Atego I, Axor I/II, SK, MK, LK/LN2, NG	rear axle	right	4	1205 866 505	Mercedes-Benz 945 420 03 38
Mercedes-Benz Actros I/MP2/MP3, Atego I, Axor I/II, Zetros	rear axle	left	5	1205 866 545	Mercedes-Benz 945 420 09 38
Mercedes-Benz Actros I/MP2/MP3, Atego I, Axor I/II, Zetros	rear axle	right	6	1205 866 540	Mercedes-Benz 945 420 04 38
MAN E2000, F2000, F90, M90				1205 842 080	MAN 81.50610-9231 MAN 81.50610-6057 MAN 81.50610-6066 MAN 81.50610-6081 MAN 81.50610-6151 MAN 81.50610-6231
MAN TGA, F2000	rear axle	left	7	1205 842 070	MAN 81.50610-6165
MAN TGA, F2000	rear axle	right	8	1205 842 075	MAN 81.50610-6166
MAN TGA, F2000	vehicle-dependent	left	9	1205 842 095	MAN 81.50610-6153
MAN TGA, F2000	vehicle-dependent	right	10	1205 842 090	MAN 81.50610-7154
MAN TGX, TGS, TGA, TGM	rear axle	left		1205 866 630	MAN 81.50610-6261
MAN TGX, TGS, TGA, TGM	rear axle	right		1205 866 660	MAN 81.50610-6262
Scania P, G, R, 94, 114, 124, T94, T114, T124	front axle	left		1205 842 740	Scania 1789568
Scania P, G, R, 94, 114, 124, T94, T114, T124	front axle	right		1205 842 735	Scania 1789567
Scania P, G, R, 94, 114, 124, T114, T124	rear axle	left/right		1205 842 250	Scania 1112831
Scania R, G, P, 94, 114, 124, 144, 164, 93, 113, 143	rear axle	left		1205 842 220	Scania 1112833
Scania R, G, P, 94, 114, 124, 144, 164, 93, 113, 143	rear axle	right		1205 842 260	Scania 1112834
Renault Magnum I/II, Premium I/II, Kerax I/II	rear axle	right	11	1205 843 485	Renault 5010260027



Slack adjuster

Version automatic, 1 Piece

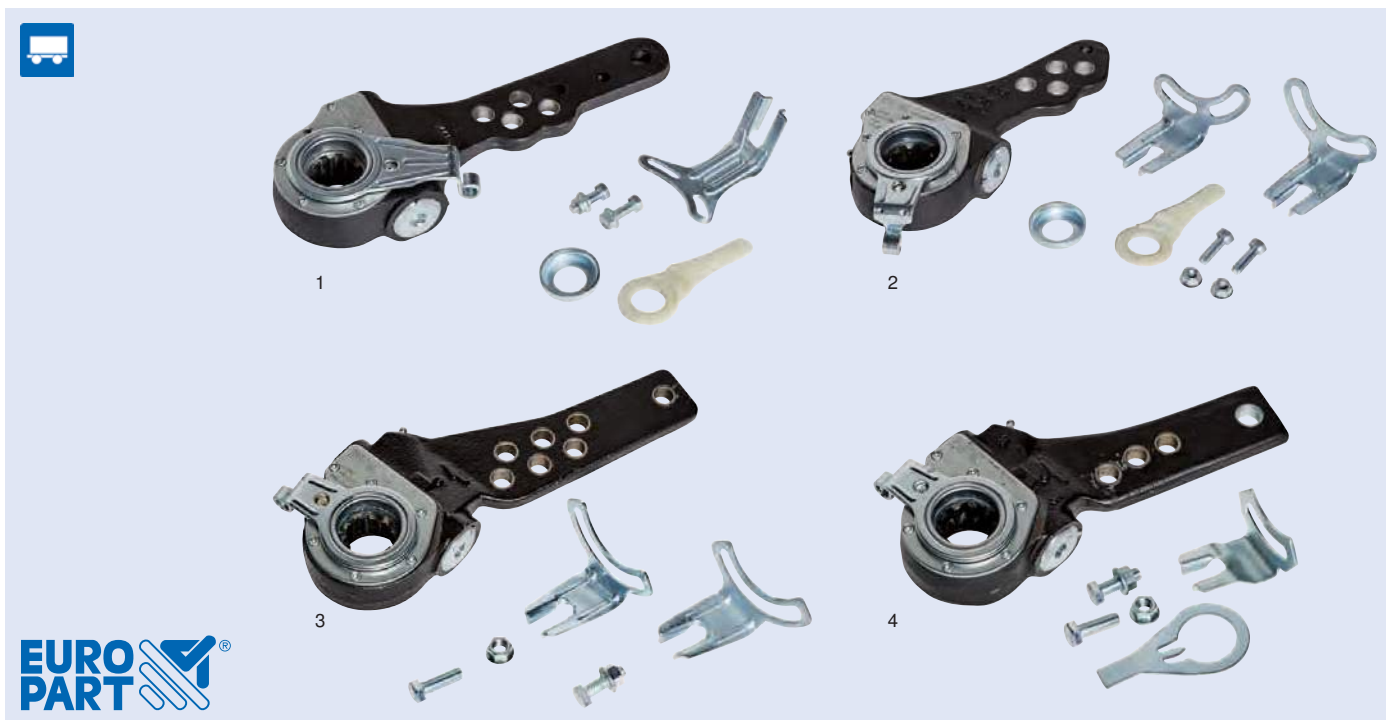
suitable for	Installation location	Installation side	Fig.	Order no.	Comparative no.
Irisbus Arès, Iliade	rear axle	right	1	1205 843 485	Irisbus 5010260027
MAN ÜL 242/272/292/312/322				1205 842 080	MAN 81.50610-9231 MAN 81.50610-6057 MAN 81.50610-6066 MAN 81.50610-6081 MAN 81.50610-6151 MAN 81.50610-6231
Mercedes-Benz Conecto I (O 345), O 405 N, O 407, O 408	front axle	left, right		1205 842 040	Mercedes-Benz 357 420 05 38
Setra S 313 UL, S 315 UL/UL-GT, S 319 UL/UL-GT, S 315 GT/H, S 315/317 HDH/3, S 315/317/319 GT-HD, SG 321 UL	rear axle	right		1205 843 680	Setra 828 50005380
Setra S 313 UL, S 315 UL/UL-GT, S 319 UL/UL-GT, S 315 GT/H, S 315/317 HDH/3, S 315/317/319 GT-HD, SG 321 UL	rear axle	left		1205 843 685	Setra 828 50005390
Volvo B7L, B9TL, B10M		left	2	1205 843 910	Volvo 3193400

Braking system

EUROPART Brake slack adjuster

- production to the highest automotive standard, TÜV certified and continuously monitored, TS16949
- KBA certified: we meet the highest European standard to KBA 61251 and KBA 61263
- ultra-modern production with:
 - 100 % production depth
 - 100 % control over the whole production process
 - 100 % testing for lost motion, reversion torque, adjustment torque, disengagement force, movement of the worm shaft in the body, control arm torque, overall performance, corrosion resistance and extreme temperatures
- all European directives and standards are applied and are monitored by German partners
- use of high-quality lubrication oil
- technological leadership through constant interaction with original equipment manufacturers
- wide product portfolio: automatic and manual brake slack adjusters are covered
- homogenous, high-quality product marking using modern technology (laser)

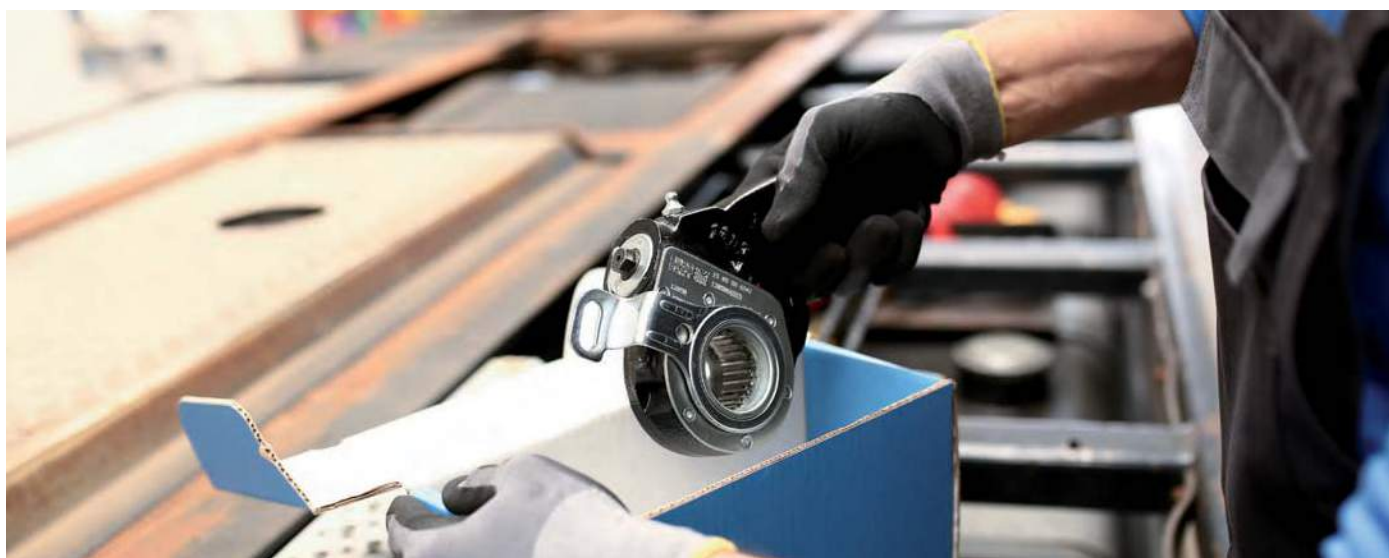
EUROPART
GOOD TO KNOW



Slack adjuster

Version automatic, 1 Piece
 Form left offset, 0 mm
 Number of teeth 10
 Toothed hub profile SAE 1 1/2" 10 C

suitable for	Number of holes	Fig.	Order no.	Comparative no.
BPW	6	1	1205 868 001	BPW 05.174.82.63.2
BPW	5		1205 868 011	BPW 05.174.82.44.3
BPW	6		1205 868 041	BPW 05.174.83.04.3
BPW	5	2	1205 868 071	BPW 05.174.88.51.3
BPW	5		0120 586 021	BPW 05.174.82.67.3
BPW	6		1205 861 515	BPW 05.174.82.43.3 BPW 05.174.82.44.3
Gigant	7	3	1205 861 550	Gigant 09319300
Meritor (ROR)	5		1205 861 505	Meritor 21229249
Meritor (ROR), SAF	6		1205 861 500	Meritor 21222358
SMB	4	4	1205 861 520	SMB M050082





Body, cab, vehicle equipment

Glass cleaning	140, 141
Attachments and accessories.....	142–147
Load securing	148–150
Tachograph accessories.....	151





Wiper blade

suitable for	Length	Version	Order no.	Comparative no.
DAF CF85, CF75, CF65	600 mm	with 5 adapters	7257 002 090	SWF 132.600
MAN F2000, M2000				
Renault G (Manager, Maxter)				
DAF XF Euro 6 (2012-), XF105, XF95	550 mm	with 2 adapters	7257 002 080	SWF 132.550
Iveco Stralis I/II EuroCargo I/II/III, EuroStar, EuroTrakker, Trakker I/II	650 mm	with 3 adapters	7257 002 100	SWF 132.650
Mercedes-Benz Axor I/II, Atego I/II, SK, MK				
Volvo FH II (2002-), FH12, FM7 I (-2001)				
MAN M2000, L2000	500 mm	with 3 adapters	7257 002 230	SWF 132.500
Mercedes-Benz Unimog				
MAN TGX, TGS, TGA, TGM, TGL	700 mm	with 4 adapters	7257 002 110	SWF 132.701
Mercedes-Benz Actros I/MP2/MP3, Unimog (U400/U500)				
Renault Magnum I/II/III				
Scania R, G, P, 94, 114, 124, 144, 164				
Volvo FL7, FL10, FL12				
Mercedes-Benz Actros I/MP2/MP3	700 mm	with 1 adapter	7257 002 020	SWF 132.702



Wiper blade

suitable for	Length	Version	Order no.	Comparative no.
Citroën Jumper	550 mm	with 2 adapters	7257 002 080	SWF 132.550
Fiat Ducato				
Mercedes-Benz Sprinter				
VW LT, Transporter (-12/2003)				
Ford Transit	700 mm	with 4 adapters	7257 002 110	SWF 132.701
Ford Transit	600 mm	with 5 adapters	7257 002 090	SWF 132.600
Mercedes-Benz Sprinter				
VW T5 (11/2003-)				
Ford Transit Connect	500 mm	with 3 adapters	7257 002 230	SWF 132.500



Wiper blade

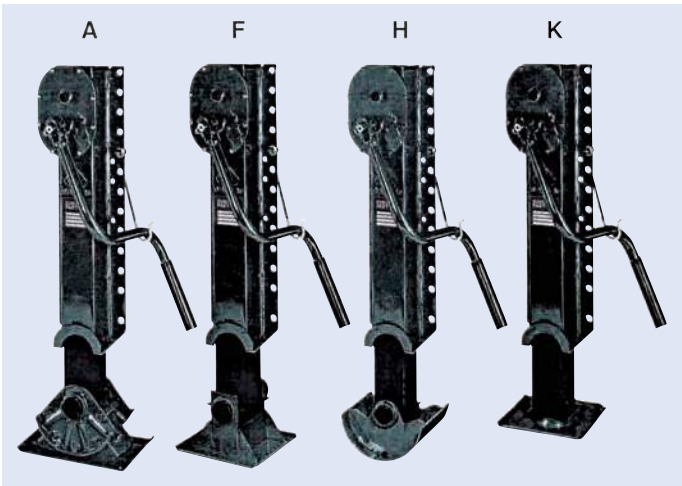
suitable for	Length	Version	Order no.	Comparative no.
Irisbus Agora, Arway, Citelis, Crossway LE, Evadys, Iliade, Magelys, Récréo II MAN Lion's Coach (R07/R08), Lion's Regio (R12/R13), Lion's Star (2004-) Mercedes-Benz O 404, O 407, O 408, Tourino (O 510) Neoplan Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516) Setra S 315/317 HDH Solaris Urbino II/III, Vacanza Temsa Avenue LF, Safari 12/13 IC Van Hool T 911/916/917 VDL Bova Futura, Bova Magiq Volvo B5LH, B9L, B9R, B10B, B10L, B10M, B12, 7700, 8700	1000 mm	with 3 adapters	7257 002 040	SWF 132.000
Irisbus Axer MAN NG (A11), NL (A10/A15), NM 152 Mercedes-Benz O 405 N Neoplan Cityliner (N 12XX), Skyliner (2011-) Scania OmniCity, OmniLink Solaris Urbino III Van Hool T900	800 mm	with 3 adapters	7257 002 050	SWF 132.801
Iveco CityClass MAN Lion's Comfort, Lion's Star (1992-2004), NÜ, ÜL Mercedes-Benz Cito (O 520), Conecto I (O 345), Integro II (O 550), Intouro II, Turismo I/II (O 350), Travego I/II (O 580) Neoplan Cityliner (N 116), Euroliner (N 313/N 3316), Transliner (N 314/316/321) Scania Citywide LE, Touring Setra S 309/312/315 HD, S 315 HDH, S 315 UL, S 411/415 HD, S 416/417 HDH, S 431 DT, S 415/416/417 GT-HD, S 415 NF, S 415/417/419 UL VDL Berkhof Ambassador, Citea, Jonckheere Mistral Volvo B10M, B12M, 9500, 9700, 9900	1000 mm		7257 002 070	SWF 132.001
MAN Lion's City (A20/A21/A23/A37/A47/A78), Lion's Classic Ü (A72), NG (A23), NL (A21) Mercedes-Benz Citaro I/II/C2 (O 530) Neoplan Centroliner (N 45XX) Scania OmniLine Temsa Tourmalin IC	900 mm	hook inserted from below	7257 002 060	SWF 132.901
Mercedes-Benz O 405 N, Tourino (O 510) Neoplan Centroliner Setra S 328 DT Van Hool A300/308/309/320/330, AG300, EOS 80/90	900 mm	with 1 adapter	7257 002 030	SWF 132.900
Mercedes-Benz Travego I (O 580) Setra S 315/317 HDH, S 415/417 HDH	550 mm	with 2 adapters	7257 002 080	SWF 132.550
Neoplan Skyliner (N 1122)	700 mm	with 4 adapters	7257 002 110	SWF 132.701



Landing legs

Load capacity 24 t
Drawbar load 50 t
Low L 1 mm
Overdrive 20 mm

A = compensating base, F = flexible supporting base, H = semi-rounded,
K = ball-shaped base



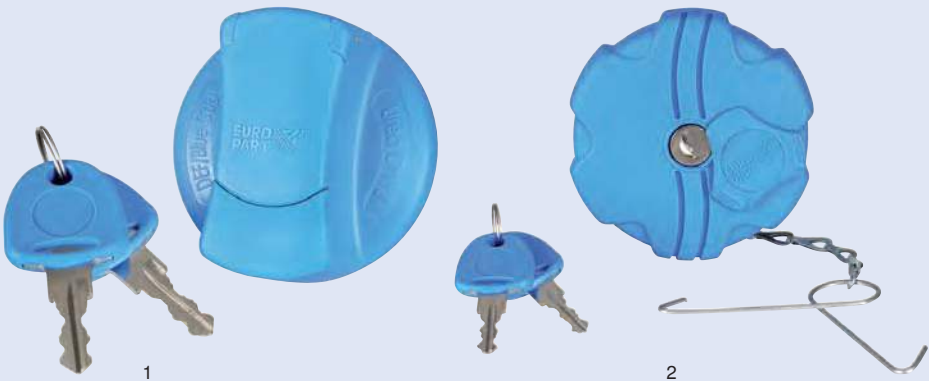
Base shape	Type	Version	Overall height	Stroke	Order no.
A	S2000Plus/LA880	with gear, without crank	880 mm	460 mm	3033 200 421
A	S2000Plus/LA880	without gear	880 mm	460 mm	3033 200 422
A	S2000Plus/LA930	with gear, without crank	930 mm	510 mm	3033 200 401
A	S2000Plus/LA930	without gear	930 mm	510 mm	3033 200 402
F	S2000Plus/LF910	with gear, without crank	910 mm	510 mm	3033 200 301
F	S2000Plus/LF910	without gear	910 mm	510 mm	3033 200 302
H	S2000Plus/LH880	with gear, without crank	880 mm	460 mm	3032 200 121
H	S2000Plus/LH880	without gear	880 mm	460 mm	3032 200 122
H	S2000Plus/LH930	with gear, without crank	930 mm	510 mm	3032 200 101
H	S2000Plus/LH930	without gear	930 mm	510 mm	3032 200 103
K	S2000Plus/LK650	with gear, without crank	650 mm	340 mm	3032 200 181
K	S2000Plus/LK650	without gear	650 mm	340 mm	3032 200 182
K	S2000Plus/LK900	with gear, without crank	900 mm	550 mm	3032 200 191
K	S2000Plus/LK900	without gear	900 mm	550 mm	3032 200 192
K	S2000Plus/LK850	with gear, without crank	850 mm	550 mm	3032 200 201
K	S2000Plus/LK850	without gear	850 mm	550 mm	3032 200 203



Fuel cap

Version lockable, with ventilation
Ø 60 mm
Material stainless steel

suitable for	Order no.
DAF	1129 208 710
Iveco	
Scania	
Volvo	



Fuel cap
for AdBlue®

Version with lock
Material plastic

suitable for	Fig.	Order no.	Comparative no.
DAF	1	1129 226 008	MAN 81.15402-6027
MAN			Mercedes-Benz 000 470 41 05
Mercedes-Benz			
Iveco	2	1129 235 593	Iveco 41298639
Renault			Iveco 41298191
Scania			Renault 20926022
Volvo			Scania 1759435
			Volvo 20926021



This figure corresponds to 4440 512 022

suitable for	Version	Spring force	Length	Stroke	Order no.	Comparative no.
ERF		400 N	485 mm	200 mm	4440 512 031	Stabilus 083755
MAN	for front hatch	220 N	719,5 mm	322,5 mm	4440 512 022	Stabilus 334200
Mercedes-Benz Atego		400 N	145,5 mm	40 mm	4440 512 020	Stabilus 094307
Scania	for front hatch	250 N	486 mm	200 mm	4440 512 024	Stabilus 3665AV

9

Body, cab, vehicle equipment



This figure corresponds to 4440 512 019

suitable for	Version	Spring force	Length	Stroke	Order no.	Comparative no.
MAN EL (A12), NG (A11), NL (A10/A15)	for side flap	200 N	424,5 mm	150 mm	4440 512 026	Stabilus 048372
MAN EL (A12), NG (A11), NL (A10/A15)	for engine compartment hatch	360 N	922,5 mm	386 mm	4440 512 027	Stabilus 062804
MAN Lion's City (A20), Lion's Coach (R07), NG (A23), NL (A21) Neoplan Centroliner (N 45XX), Tourliner (N 2216)	for engine compartment hatch	360 N	700 mm	305 mm	4440 512 023	Stabilus 050520
MAN NG (A23)	for side flap	250 N	315,5 mm	120 mm	4440 512 025	Stabilus 083089
Mercedes-Benz O 405 N, O 407	for side flap	490 N	539 mm	230 mm	4440 512 029	Stabilus 058173
Mercedes-Benz O 405 N, O 407	for side flap	490 N	538,5 mm	200 mm	4440 512 030	Stabilus 499560
VDL		300 N	485 mm	200 mm	4440 512 028	Stabilus 084603
Volvo B5LH	for engine compartment hatch	500 N	481 mm	200 mm	4440 512 019	Stabilus 083763



Gas spring



suitable for	Spring force	Length	Stroke	Order no.	Comparative no.
Mercedes-Benz Vito Bus (638)	700 N	205,5 mm	60 mm	4440 512 021	Stabilus 084034

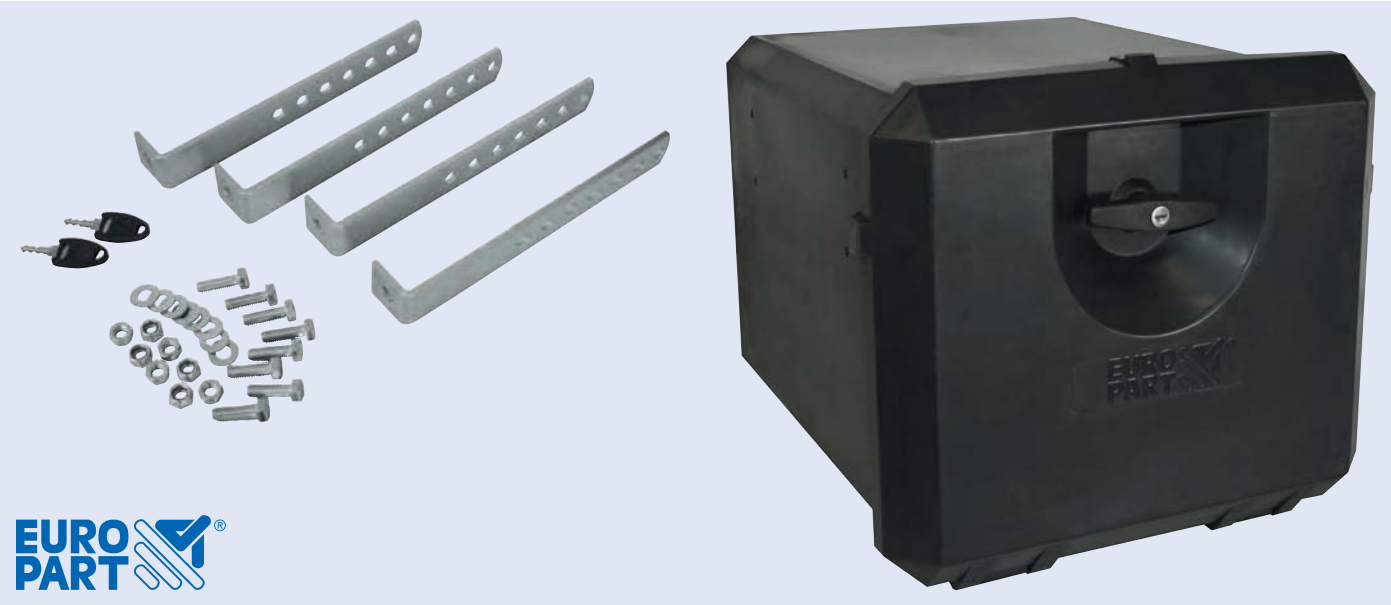


Gas spring



Type	Spring force	Length	Stroke	Order no.
ST-1	250 N	385 mm	150 mm	4440 512 013
ST-1	500 N	485 mm	200 mm	4440 512 015
ST-1	500 N	585 mm	250 mm	4440 512 017
ST-1	500 N	685 mm	300 mm	4440 512 018
ST-2	250 N	300,5 mm	100 mm	4440 512 000
ST-2	250 N	504,5 mm	200 mm	4440 512 003
ST-2	500 N	300,5 mm	100 mm	4440 512 001
ST-2	500 N	444,5 mm	150 mm	4440 512 002
ST-2	500 N	504,5 mm	200 mm	4440 512 004
ST-2	500 N	651,5 mm	250 mm	4440 512 006
ST-2	500 N	750,5 mm	300 mm	4440 512 008
ST-1	750 N	385 mm	150 mm	4440 512 014
ST-2	750 N	504,5 mm	200 mm	4440 512 005
ST-2	750 N	750,5 mm	300 mm	4440 512 009
ST-2	1000 N	651,5 mm	250 mm	4440 512 007
ST-2	1000 N	749,5 mm	300 mm	4440 512 010
ST-2	1500 N	749,5 mm	300 mm	4440 512 011
ST-2	1500 N	896,5 mm	400 mm	4440 512 012





Toolbox
suitable for every vehicle type

sturdy shape thanks to all-round steel profiles and PUR-coated base with ribbed surface, waterproof thanks to rubber seals in the lid, three-point lock with stainless steel pushing rods, actuated through handle with built-in lock, made of heat-resistant, high-strength, scratch and tear-proof polyurethane

Temperature resistance -40 to +80 °C
Material polyurethane

Scope of supply
Toolbox incl. 2 keys, 4 mounting brackets for attachment under the vehicle floor and fastening material

Type	Version	Width	Height	Depth	Order no.
101	hinge at the bottom	440 mm	398 mm	480 mm	9081 200 011
102	hinge at the bottom	588 mm	445 mm	480 mm	9080 240 911
103	hinge at the bottom	749 mm	429 mm	450 mm	9081 200 030
104	hinge at the bottom	753 mm	429 mm	550 mm	9081 200 040
105	hinge at the bottom	1040 mm	486 mm	480 mm	9081 200 050
106	hinge at the bottom	755 mm	290 mm	450 mm	9081 200 060
107	hinge at the side	676 mm	664 mm	525 mm	9081 200 190



Mud flap
with EUROPART logo

with reinforced edges and vertical ribbing

Scope of supply
with attachment material



Width	Height	Distance between holes	Number of holes	Order no.
260 mm	260 mm	100 mm	2	9080 026 261
300 mm	300 mm	110 mm	3	9080 030 301
350 mm	300 mm	100 mm	4	9080 035 301
400 mm	300 mm	110 mm	4	9080 040 301
400 mm	400 mm	110 mm	4	9080 040 401
450 mm	300 mm	100 mm	5	9080 045 301
450 mm	400 mm	100 mm	5	9080 045 401
500 mm	300 mm	100 mm	5	9080 050 301
500 mm	400 mm	110 mm	5	9080 050 401
550 mm	300 mm	100 mm	6	9080 055 301
550 mm	400 mm	100 mm	6	9080 055 401
600 mm	300 mm	110 mm	7	9080 060 301
600 mm	400 mm	110 mm	7	9080 060 401
650 mm	300 mm	110 mm	7	9080 065 301
650 mm	400 mm	100 mm	7	9080 065 401



Rear apron
for underbody protection

with EUROPART logo and traffic symbols

Width 2400 mm
Height 380 mm
Hardness 85° Shore
Weight 5,36 kg

Scope of supply
complete with fastening material

Version	Order no.
2-part	9193 190 001





Ratchet strap
permitted in accordance with EN 12195-2

Width 50 mm
Colour red
Material Polyester (PES)

Scope of supply
2-piece
with EUROPART logo



Version		Length	Load capacity	Order no.
with fixing rail fittings 1826	2	3500 mm	1500 daN	9690 000 042
loose end with profiled hook	1	7500 mm	5000 daN	9690 900 002
loose end with snap link	1	7500 mm	5000 daN	9690 900 003
loose end with claw hook and ratchet	3	7500 mm	2000 daN	9690 900 004
with 2 claw-type hooks and ratchet	1	8000 mm	5000 daN	9690 000 027
with 2 snap-link hooks and ratchet	1	8000 mm	5000 daN	9690 000 028
with 2 profiled hooks and ratchet	1	8000 mm	5000 daN	9690 000 030
with 2 profile hooks and long-lever ratchet	1	8000 mm	5000 daN	9690 515 036
Loose end with profiled hook	1	9500 mm	5000 daN	9690 900 001
with 2 profiled hooks and ratchet	1	10000 mm	5000 daN	9194 510 000
with 2 profile hooks and long-lever ratchet	1	10000 mm	5000 daN	9690 515 038
with 2 profiled hooks and ratchet	1	12000 mm	5000 daN	9690 000 184

¹ permissible tensile force 2500 daN stretched, 5000 daN in the strapping
² Permissible tensile force 750 daN stretched, 1500 daN in the strapping.
³ permissible tensile force 1000 daN stretched, 2000 daN in the strapping

Body, cab, vehicle equipment

EUROPART Load securing

- testing of all significant product and quality properties in cooperation with external testing institutions
- DIN EN 12195-2 certificated: properties exceed requirements
- lashing straps consist of hard-wearing textile webbing which is predominately made of woven polyester fabric
- rot-resistant, does not rust and absorbs practically no moisture
- particularly sturdy ratchet grip
- light, manageable and quick to install

EUROPART
GOOD TO KNOW



Non-slip mat

more protection and safety through non-slip effect, better stability

Version	Standard
Colour	black
Width	250 mm
Length	5000 mm
Thickness	8 mm
Friction coefficient	0.6 μ

Order no.

9690 000 300



Edge protection

Dimensions	130 x 95 mm
Band width	65 mm
Material	Plastic

Version

Order no.

with slot, open

9690 000 230

with slot, closed

9690 000 231



9

Body, cab, vehicle equipment

EUROPART Load securing set

For a safe and reliable transport with the load securing products from EUROPART.

All EUROPART own-brand lashing straps, anti-slip mats and edge protection meet the relevant standards such as DIN EN 12195 and VDI 2700!

Lashing straps:

- type-approval testing by an independent testing institute
- available in various lengths, 2-part delivery: with profile hooks, ratchet, long-levered ratchet or long-levered tensioning ratchet
- pretension force: 300 or 600 daN

Non-slip mat:

- sliding friction coefficient above the VDI standard ($\mu=0.65$)
- Temperature stability -40 °C to +110 °C

Edge protection:

- available in different sizes
- TÜV certified
- made of high-quality plastic (PP)
- robust construction
- larger surface of the side elements which distribute the pressure evenly
- K-factor is ≥ 1.78

EUROPART
GOOD TO KNOW





Edge protection

resistant and flexible

Dimensions 150 x 200 x 170 mm

Colour black

Material polypropylene

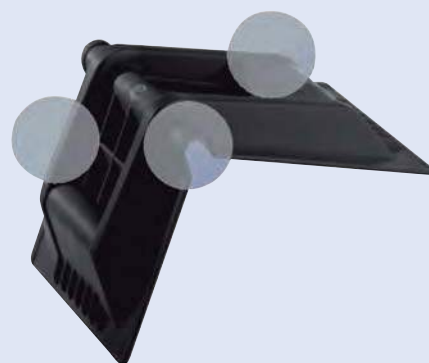
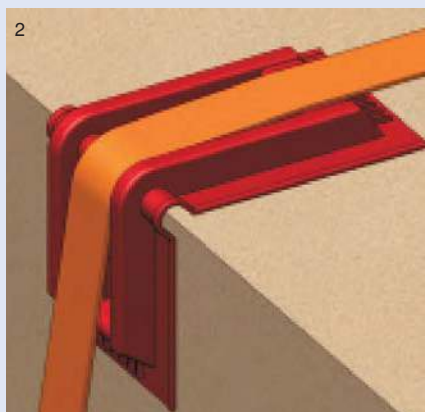
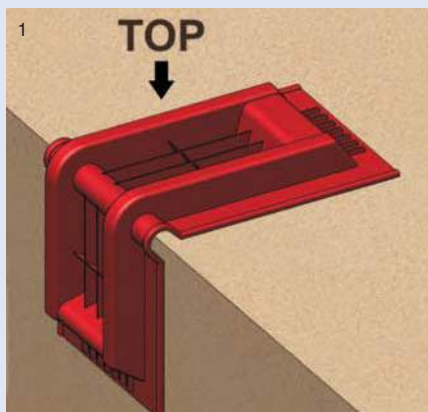
Application range

for transporting paper rolls

TÜV-certified

Order no.

9690 000 232



Edge protection corners

Operating instructions: Edge protection corners should always be used to avoid the risk of damage to the load or the lashing straps. The edge protection is placed on the load so that the longer side plate is located at the top (TOP) and the shorter is towards the bottom, aligned along the side wall (Fig. 1). The lashing strap must be applied so that it lies exactly in the middle of the edge protection and is secured through the lateral guide (Fig. 2). Please pay attention that there are no tensioning or connecting elements such as sprockets, turnbuckles, hooks etc. on the lashing strap.

The EUROPART edge protection corners are made of high-quality plastic (PP). They are characterised by:

- robust construction
- larger surfaces of the side elements which distribute the pressure evenly
- resistance to damage at temperatures between -20 °C to +70 °C
- K-factor is ≥ 1.78

EUROPART
GOOD TO KNOW



Tachograph card

for insertion in all standard and automatic tachographs



Type	Version	Order no.
K 125	with speed range 125 km/h	9688 161 251
K 140	with speed range 140 km/h	9688 161 253
K 3300	with engine speed recording to max. 3300 rpm and vehicle speed range 125 km/h	9688 161 250



Tachograph card

for insertion in all automatic tachographs
for electronic evaluation



Type	Version	Order no.
E 100	speed range 100 km/h	9688 161 260
E 100 D	with engine speed recording to max. 3300 rpm and vehicle speed range 125 km/h	9688 161 257
E 125	speed range 125 km/h	9688 161 259
E 180	speed range 180 km/h	9688 161 256
E 3300	with engine speed recording to max. 3300 rpm and vehicle speed range 125 km/h	9688 161 258



Thermal paper

approved for use by different manufacturers, making its use flexible and optimising stocking in terms of quantities and costs

Packaging unit 3

Application range
for digital tachographs (EC control units)



Order no.
9689 030 203



Workshop requirements

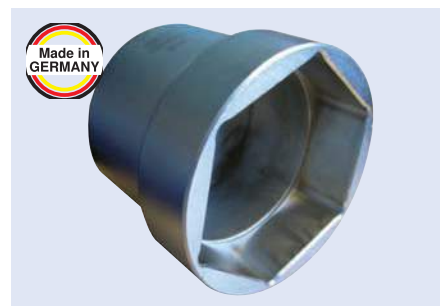
Tools	154–165
Health & Safety	166–169





Axle nut key

for the clean and straightforward loosening and tightening of wheel hubs and axle nuts



Version	Spanner size	Drive	suitable for	Order no.
Hexagon	65 mm	1"	Iveco Eurocargo and Volvo F10	9005 342 939
Hexagon	70 mm	1"	Scania	9005 342 928
Hexagon	85 mm	1"	Scania, BPW and SAF	2300 041 003
Hexagon	90 mm	1"	Fiat and Iveco Eurocargo 4 x 4	9512 350 000
Hexagon	95 mm	1"	Volvo F7, F12 and Fiat 309	9005 342 938
Hexagon	105 mm	1"	Volvo FL7, FL10, F12, F16, Fiat 309 and DAF 1700	9005 342 937
Hexagon	110 mm	1"	Fiat and Fruehauf	9005 342 936
Hexagon	115 mm	1"	Ford Transcontinental and DAF	9005 342 925
Hexagon	120 mm	1"	Scania and DAF	9005 342 131
octagonal	80 mm	1"	Scania front axle	9005 342 129
octagonal	95 mm	1"	BPW	8000 003 596
octagonal	100 mm	1"	Scania rear axle	9005 342 934
octagonal	102 mm	1"		9005 342 946
octagonal	115 mm	1"		9005 342 061
octagonal	110 mm	1"	BPW	9005 342 935
octagonal	120 mm	1"		9005 341 607
oval	65 mm	3/4"	BPW	9005 342 945
oval	80 mm	3/4"	BPW	9005 342 926
oval	95 mm	3/4"	BPW	9005 342 932
oval	110 mm	3/4"	BPW	8000 003 724

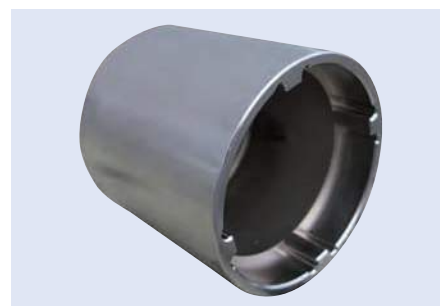


Castle nut wrench

for Scania transmission/differential grooved nut

Order no.

9005 342 128



Oil filter spanner

for AdBlue®

for installation and removal of the filter housing cover when changing the AdBlue® filter on Mercedes-Benz commercial vehicles with Blue-Tec® engines

Form Hexagon

Spanner size 46 mm

Drive 1/2"

Observe tightening torque recommended by the vehicle manufacturer!

Order no.

9534 000 046





Reversible ring ratchet spanner

the 4 most important spanner sizes in one spanner (cover 70 % of all applications), fine-toothed with 72 teeth and only 5° reset angle (also suitable for cramped spaces), up to 30 % more torque than conventional ring spanners

Dimensions	10 x 13 x 17 x 19 mm
Overall length	200 mm
Material	Chrome vanadium steel

Order no.

9510 131 719



Torque wrench

adjustable, with square drive and integrated ratchet function for controlled right- and left-handed thread tightening, 1/2" mushroom-headed changeover square with ball-latching, additional micrometer scale, with test certificate to DIN EN ISO 6789

Drive	1/2"
Working range	20-200 Nm, 15-150 lbf/ft
Scale division	1 Nm

Triggering accuracy +/- 3% of the set value

Order no.

9856 860 200



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Workshop requirements



Torque wrench

adjustable, with square drive and integrated ratchet function for controlled right/left tightening, square section insert with pin lock, bending mechanism with castor guarantees a tactile and audible triggering signal, additional micrometer scale, dual scale Nm and lbf/ft under a viewing window with magnifying effect, with test certificate according to DIN EN ISO 6789:2003, traceable back to national measurement standards

Drive	3/4"
Working range	250-850 Nm
Scale division	1 Nm

triggering accuracy +/- 3% of the set value
controlled screw tightening in the case of commercial vehicles in the common range of 250-850 Nm

Order no.

9856 860 300





Single-handed grease guns set

for 400 g cartridges and loose grease, with filling and bleeding nipple (can be filled with filling device), new, ergonomically optimised heavy-duty design, 2 connections (horizontal or vertical), thus optimal accessibility even in tight spaces

Pressure, max. 300 bar
Surface galvanised

Scope of supply
with nozzle tube (connection thread M10 x 1)

Order no.
9534 794 002



Blow-out set

Version bulkhead screw attachment with nut
Working length 3200 mm
Tube thickness 1 mm
Pipe Ø 6 mm

Application range
Retrofit set, complete, for all trucks with pneumatic seat suspension

Scope of supply
SV-T connector 6 x 1 with polyamide pipe 6 x 1 mm, polyamide bulkhead screw attachment with nut, polyurethane helical hose, 4 x 6 mm, blow-out gun

Order no.
0917 301 940



Measuring tape

in rust-free metal housing, division on both sides, automatic tape stop in any position, housing with rubber sheathing, rust-free belt clip and hand loop, nylon-coated steel tape, adjustable gliding end hook with 2 magnetic points



Length	Band width	Version	Order no.
3 m	19 mm	bend-resistant up to 1750 mm	9514 230 103
5 m	25 mm	bend-resistant up to 2100 mm	9514 230 105
8 m	25 mm	bend-resistant up to 2100 mm	9514 230 108



TORX® screwdriver set

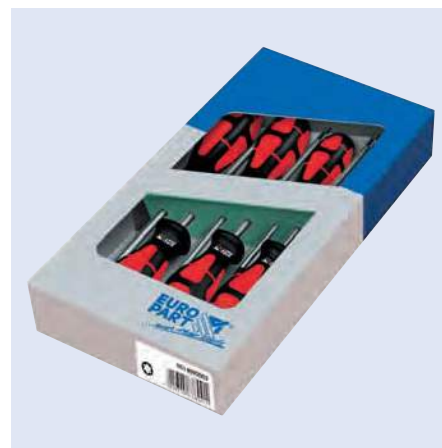
2-component handle with elastomer pad, top blade quality, low-wear Black-Point tip

Scope of supply

1 each screwdriver T10/15/20/25/30/40 mm

Made in EU

Version	Order no.
6-piece	9514 090 003



Screwdriver set

2-component handle with elastomer pad, top blade quality, low-wear Black-Point tip

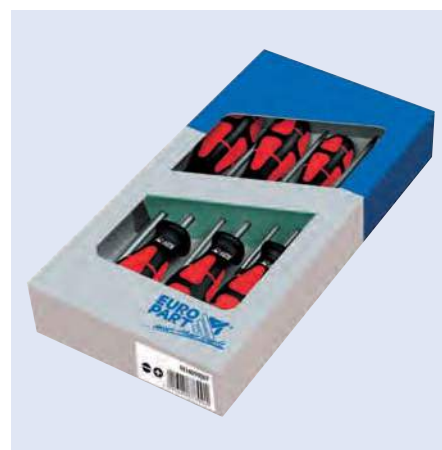
Scope of supply

1 each slot screwdriver 0.6 x 3.5/0.8 x 4.5/1 x 5.5/1.2 x 7 mm

1 each cross-slot screwdriver PH1/PH2 (Phillips slot) with hexagonal shaft

Made in EU

Version	Order no.
6-piece	9514 090 007



Screwdriver set

for slotted and cross-slot screws, 2-component handle with elastomer pad, top blade quality, low-wear Black-Point tip

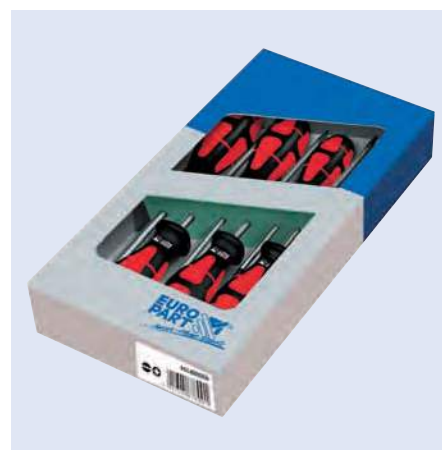
Scope of supply

1 each slotted screwdriver with blade width 3.5/4.5/5.5/7 mm

1 each cross-slot screwdriver PZ1 and PZ2 (Pozidrive)

Made in EU

Version	Order no.
6-piece	9514 090 006





**Screwdriver set
with hexagon collar**

for slot-head and cross-slot PH screws, 2-component handle with elastomer pad, top blade quality, low-wear Black-Point tip

Scope of supply

- 1 slot-head screwdriver each with blade width 3.5/4.5/5.5/7 mm
- 1 cross-slot screwdriver each PH1/PH2 (Phillips recess)

Made in EU

Version	Order no.
6-piece	9514 090 005



**Screwdriver set
with wooden handle and hexagon collar**

Round blades made of chrome vanadium steel, hardened through, slot-head screwdriver from 5.5 mm with through blade and slip-off protection on the edge

Application range

for slot-head and cross-slot PH screws

Scope of supply

- 1 slot-head screwdriver each with blade width 3.5/4.5/5.5/7 mm
- 1 cross-slot screwdriver each PH1/PH2 (Phillips recess)

Made in EU

Version	Order no.
6-piece	9514 090 004



VDE precision engineering screwdriver set

for slotted and cross-slot screws, unit-tested at 10,000 V in water bath

Scope of supply

- 1 each slotted screwdriver with blade width 3.5/4.5/5.5/7 mm
- 1 each cross-slot screwdriver PH1/PH2 (Phillips recess)

Made in EU

Version	Order no.
6-piece	9514 090 008





Water pump pliers

Type Viper

with automatic adaptation of jaw opening, fine adjustment through "drag and drop", inverted safety joint inserted through with wide guiding surfaces, anti-pinch protection in every position, clamping jaws with double teeth, anti-pinch protection for safe working in every position

Version Teeth also inductively hardened

Overall length	Order no.
250 mm	9566 800 037
320 mm	9566 800 038
400 mm	9566 800 033



Water pump pliers

ClassicPlus

with through-pinned safety hinge, anti-pinching guard for any setting, gripping jaws double-toothed, die forged and oil-hardened

Overall length 240 mm
Adjustment range 50 mm
Material Chrome-vanadium steel

Order no.
9566 800 036



Side cutting nipper

Powerful joint with optimum leverage, cutting edges additionally inductively hardened

Overall length 160 mm
Material Tooling steel, drop-forged, oil-hardened
Standard DIN/ISO 5749

Cutting values for hard wire up to 2,0 mm, soft wire up to 6,0 mm, cable up to 11,0 mm diameter

Order no.
9566 800 003



Side cutting nipper

Version according to EN 60900, cutting edges inductively hardened to 62 HRC, chrome-plated head, handles VDE-insulated with slip-off protection

Length 160 mm
Version VDE-insulated up to 1000 V
Material Special tool steel
Standard DIN/ISO 5749

Cutting value medium-hard wire up to 3.0 mm, hard wire up to 2.3 mm, piano wire up to 1.6 mm diameter

Order no.
9566 800 008





Side cutting nipper

for cutting, stripping, pressing, bending, inductively hardened precision blade for the finest of wires, powerful joint with optimum leverage

Overall length 190 mm
Version VDE-insulated
Material Special tooling steel, drop-forged, oil-hardened
Stripping 1.5 mm² and 2.5 mm² for single and multi-wire conductors

Order no.

9566 800 030



Power side nipper

Polished head, cutting edges additionally inductively hardened, nickle-chrome-plated, handles with thick plastic sleeves with slip-off protection

Overall length 180 mm
Material Special tool steel
Standard DIN/ISO 5749

Cutting values medium-hard wire up to 3.0 mm, hard wire up to 2.5 mm diameter

Order no.

9566 800 004



VDE power side nipper

power transmission with optimum leverage, oil-hardened, inductively hardened precision cutting

Overall length 200 mm
Material Special drop-forged tool steel

Cutting values for medium wire 750 N/mm²
Cutting values for hard wire 1800 N/mm²
Cutting values for piano wire 2300 N/mm²

Order no.

9566 800 044



Lever force side-cutter

low force required, tremendous cutting power, 40% force saving, oil-hardened, inductively hardened precision cutting

Overall length 200 mm
Material Special drop-forged tool steel

Cutting values for medium wire 750 N/mm² = 4,5 mm
Cutting values for hard wire 1800 N/mm² = 3,5 mm
Cutting values for piano wire 2300 N/mm² = 3,0 mm

Order no.

9566 800 043





Radio/telephone nippers

with cutting edge and flat-rounded tips, fluted gripping area

Overall length 200 mm
Blade hardness 60 (HRC)
Standard DIN/ISO 5745

Cutting values medium-hard wire 2.8 mm, hard wire 1.8 mm diameter

Version	Fig.	Order no.
straight	1	9566 800 001
bent, 40°	2	9566 800 002



Radio/telephone nippers

Version according to EN 60900, with cutting edge, straight cheeks, nickel and chrome-plated, high-sheen polished head, handles VDE insulated with slip-off protection

Version straight
Overall length 200 mm
Material Special tool steel
Standard DIN/ISO 5745

Cutting values medium-hard wire up to 2,8 mm, hard wire up to 1,8 mm diameter

Order no.
9566 800 007



Swan's neck pliers

Made in accordance with IEC 900/EN 60900, with cutting edge, 45° curved jaws, nickel-chrome plated, high-gloss polished head, cutting edges additionally induction-hardened, ergonomic handle with cover made of 2 components and with slip guard

Version VDE-insulated up to 1000 V
Overall length 200 mm
Material Special tool steel
Standard DIN/ISO 5745

Cutting values medium-hard wire max. 2.8 mm, hard wire max. 1.8 mm diameter

Order no.
9566 800 019





Power universal pliers

High-sheen polished head, with flat cutting edge and chamfered head edges, cutting edges additionally inductively hardened, nickel and chrome-plated, plastic handles with slip-off protection

Overall length 180 mm
Material Special tool steel
Standard DIN/ISO 5746

Cutting values: hard wire: up to 2.0 mm diameter

Order no.

9566 800 000



Universal pliers

Peacemaker

Sturdy, hand-wrought, ergonomic, eccentric joint, with gripping zone for flat and round material, integrated ring spanner (M8-M10), nail holder on the tip of the pliers, inductively hardened blade for hard and soft wires (hardness 2.5 mm), pliers with spring and closer

Material Special tool steel

Application range

Suitable for numerous applications e.g. for working in tight spots in the passenger compartment, engine bay or on the dashboard

Order no.

9566 800 034



Power universal pliers

American model, optimum power transmission because of improved leverage, for hard and soft wires, grip zone for flat and round material

Version with integrated ring spanner and inductively hardened edge
Overall length 180 mm
Material Tooling steel, drop-forged, oil-hardened
Surface matt chrome-plated

Order no.

9566 800 032



Crimping tool

for the stripping and cutting of wires, cramping cheeks for pressing insulated and non-insulated cable lugs together, with threaded holes for cutting off Cu and Ms grub screws M2.6/3/3.5/4/5, double-walled special handles

Overall length 240 mm
Working range 1,5-6 mm²
Material high-strength special steel

Application range

for solder-free electrical connections according to DIN

Order no.

9566 800 039





Pliers set

Scope of supply

- 1 universal pliers, length 180 mm
- 1 side cutting nippers, length 160 mm
- 1 Viper water pump pliers, length 250 mm

Version

3-piece

Order no.

9566 800 046



Circlip pliers



This figure corresponds to 9566 800 023

Type	Version	Form	suitable for	Overall length	Order no.
A1	straight	A	Circlip diameters 10-25 mm	135 mm	9566 800 022
A2	straight	A	Circlip pliers diameter 19-60 mm	180 mm	9566 800 010
A3	straight	A	Circlip diameters 40-100 mm	225 mm	9566 800 023
A11	90° bent	B	Circlip diameters 10-25 mm	135 mm	9566 800 026
A21	90° bent	B	Circlip pliers diameter 19-60 mm	180 mm	9566 800 011
A31	90° bent	B	Circlip diameters 40-100 mm	225 mm	9566 800 027
J1	straight	C	Circlip diameters 12-25 mm	135 mm	9566 800 020
J2	straight	C	Circlip pliers diameter 19-60 mm	180 mm	9566 800 012
J3	straight	C	Circlip diameters 40-100 mm	135 mm	9566 800 021
J11	90° bent	D	Circlip diameters 12-25 mm	135 mm	9566 800 024
J21	90° bent	D	Circlip pliers diameter 19-60 mm	180 mm	9566 800 013
J31	90° bent	D	Circlip diameters 40-100 mm	225 mm	9566 800 025



Circlip pliers set for inner and outer rings

Size 2

suitable for Circlip diameters 19-60 mm

Scope of supply

- 1 circlip pliers DIN 5254, A2 straight, design A (for inner circlips)
- 1 circlip pliers DIN 5254, A21 90° bent, design B (for outer circlips)
- 1 circlip pliers DIN 5256, J2 straight, design C (for inner circlips)
- 1 circlip pliers DIN 5256, J21 90° bent, design D (for inner circlips)

Version

4-piece

Order no.

9566 800 045





Cable and hose cutter

for stripping and cutting copper and aluminium cables as well as all current petrol, coolant and fabric hoses, precision-ground cutting edges with macro-teeth, new waved-profile, extended cutting edges leading to longer service life, up to 11 % easier cutting, ratchet cable clamping, adjustable screw joint, VDE insulated

Material Tooling steel, drop-forged, oil-hardened
Surface matt chrome-plated



Order no.	
9566 800 031	



Impact Air Wrench
5120XP-6EP

High performance double hammer impact mechanism, 3-level power control, including connector plug with composite housing

Torque 1800 Nm
Speed 5000 min⁻¹
Air consumption 410 l/min
Connection thread 1/2"
Hose inner-Ø 14 mm

Order no.	
9564 295 120	



Impact Air Wrench

high-performance double impact striking device, cold insulated, low vibration, comfort handle, exhaust air guided through handle, multi-stage adjustable torque with clockwise rotation, reversible right/left direction of rotation with single-hand control, can be used with screws up to size M16



Model	Torque, max.	Speed, maximum	Air consumption	Order no.
EP-Duo 1/2"	950 Nm	8500 min ⁻¹	133 l/min	9564 290 001
EP-Duo 3/4"	1630 Nm	5750 min ⁻¹	195 l/min	9565 290 002



Cutting disc

Bore hole $\varnothing$ 22 mm



$\varnothing$	Thickness	Application	Packaging unit	Order no.
115 mm	3,0 mm	metal	25	9666 200 001
125 mm	2,5 mm	metal	25	9666 100 002
180 mm	3,0 mm	metal	10	9666 100 003
230 mm	3,0 mm	metal	25	9666 100 004
125 mm	2,5 mm	Stainless steel	25	9666 100 006
115 mm	1,0 mm	Stainless steel	25	9666 100 009
125 mm	1,0 mm	Stainless steel	25	9666 100 010
115 mm	1,6 mm	Stainless steel	25	9666 100 011
125 mm	1,6 mm	Stainless steel	25	9666 100 012
180 mm	1,6 mm	Stainless steel	25	9666 100 013
230 mm	1,9 mm	Stainless steel	25	9666 100 014



Grinding disc

Version medium-hard binding

Bore hole $\varnothing$ 22 mm

Thickness 6 mm

Application range

metal

$\varnothing$	Order no.
115 mm	9666 100 015
125 mm	9666 100 016





Protective goggles

EN 166

provides complete all-round protection, the length of the ear pieces can be adjusted, making fitting easier, the lenses are non-fogging, scratchproof, anti-static and particularly easy to look after

Version blue frame, clear lens

absorb 99.9 % of UV rays up to 400 nm

Order no.
9534 880 740



Emergency warning waistcoat

Version with hook and loop fastener

Material 100% polyester

Standard EN 20471

Size one size fits all

Colour	Order no.
yellow	9534 000 002
orange	9534 000 003



Protective gloves

professional quality, palm is padded and the cuffs are rubberised, reflective strips on the knuckle protection, backs of the hand and cuffs are fluorescent

Size 10

Material Full grain cowhide

Standard EN 388, Cat. 2

Application range

Vehicle pools, waste industry, airports, rail operations, haulage, harbour and canal work etc.

Order no.
9530 169 010



Protective gloves

Inner lining, rubberized cuffs, values 3-1-2-3

Colour yellow

Size 10.5

Material full cow hide

Standard EN 388, Cat. 2

TÜV/GS-tested

Order no.
9534 000 000





Knitted gloves

Seamless, made with special grey stretch material, special black coating on the palm and fingertips, excellent fit

Colour grey/black

Standard EN 420/EN 338 Cat. II

Size	Order no.
9	9534 000 005
10	9534 000 006
11	9534 000 007



Thermal gloves

Winter Blocker

seamless terry loop glove, yellow signal colour, blue latex coating on the palm and on the finger tip, roughened for maximum grip

Standard EN 388 CAT2 and EN 511

Size	Order no.
9	9534 000 008
10	9534 000 009
11	9534 000 010



Soap dispenser

Hero universal 2000

suitable for 1000/2000 ml refill bags

Colour blue

Order no.
9770 561 150



Hand cleaner

fluid hand cleaner with abrasive particles, for heavy industrial soiling, does not cause any microscopic injuries, pleasantly scented, high proportion of moisturisers, maximum cleaning strength thanks to a high proportion of active washing ingredients, high skin tolerability, matched to the skin's pH value

Application range

for the mechanical engineering and tool making sectors as well as repair workshops

Contents	Container	Order no.
2000 ml	Refill bag	9770 561 101





Hand cleaner

with abrasive particles for medium-heavy industrial soiling, does not cause any micro injuries, pleasantly scented, powerful cleaning action while gentle on the skin, not fluid, adapted to the pH value of the skin

Contents	Container	Order no.
10 l	Bucket	9770 561 080



Hand cleaner

with wood powder abrasive for ordinary industrial soiling, pleasantly scented, simple cleaning power while being gentle on the skin, not fluid, adapted to the pH value of the skin

Contents	Container	Order no.
10 l	Bucket	9770 561 090



Hand cleaner

fluid hand cleaner with abrasive particles, for heavy industrial soiling, does not cause any microscopic injuries, pleasantly scented, high proportion of moisturisers, maximum cleaning strength thanks to a high proportion of active washing ingredients, high skin tolerability, matched to the skin's pH value

Application range
for the mechanical engineering and tool making sectors as well as repair workshops

Contents	Container	Order no.
10 l	Canister	9770 561 104



Cream soap

mild cleaning lotion with skin-friendly sugar tensides, highly moisturising, pink with pearl shine effect, discreetly scented, adapted to the skin's pH value

Contents	Container	Order no.
10 l	Canister	9770 561 075



10
Workshop requirements



Oil binding agent Standard, type III/R

Absorbent aerated concrete granulate on the basis of calcium silicate hydrate. Oil and chemical binders for the absorption of oils and other leaked liquids. Suitable for circulation areas. For cleaning and protecting industrial flooring and to cover hazardous traces oil on roads and runways, not water-repellent and not buoyant. EUROPART Standard Type III R oil binder ensures safe working conditions, is non-slip, non-toxic, non-flammable and leaves virtually no residue.

- Binder for basic, alkaline substances (alkaline solutions)
- Binder for flammable, combustible liquids
- Type III R oil binders
- Binder for aqueous and polar liquids

The product is chemically inert with many liquids. It must not be used with e.g. oxidative substances and hydrofluoric acid.

1 ltr oil binder binds 0.29 ltr. oil
1 kg oil binder binds 0.63 ltr. oil
1 kg oil binder binds 0.51 kg oil

Grit 1-4 mm
Bulk weight 460 g/l

Contents	Container	Order no.
40 l	Sack	9534 007 890



Vehicle first-aid box

Contents clearly arranged in 6-compartment folding bag

Version with rescue blanket
Material ABS plastic
Standard DIN 13 164-2014

Application range

for passenger cars, trucks and buses with up to 22 seats (2 boxes are necessary for buses with more than 23 seats)



Order no.
9195 650 000



First-aid case

including profession-related additional contents with main focus on workshops, with wall bracket, integrated carrying handle and screw closures, the inner dividers are adjustable and each side of the case has a transparent cover

Dimensions 340 x 240 x 120 mm
Material impact-proof ABS plastic

Application range

especially for repair and maintenance companies and all other technical workshop companies

Scope of supply

Basic contents DIN 13 157 with additional contents: e.g. antiseptic wipes, sachets of burn gel, cohesive bandages, finger cots, eye patch with elastic, elastic bandages, safety pins and tweezers



Order no.
9195 650 008



Chemical products

Lubricants - engine, hydraulic and gearbox oils	172–179
Lubricants - pastes, greases and technical oils	180–183
Cleaning and hygiene	184–186
Maintenance and servicing	187–193
Winter chemicals	194–197





Motor oil

NFZ-Premium MAXX SAE 5W-30

Engine oil developed with the highest quality protective properties for the new low-emission Euro V and Euro VI engines, can also be used without any problem in older commercial vehicles and thus offers the possibility of reducing the variety of products, for maximum oil change intervals. EUROPART NFZ Premium MAXX SAE 5W30 also provides the solution for SCANIA LDF-3 to optimize engine oil specification range.

Approval MAN 3677

Specification ACEA E6/E7/E9-08, API CJ-4/SN, JASO DH-2

Performance MB 228.31/228.51, MAN 3477, MAN 3271-1, Volvo VDS 4/CNG, Renault RLD 3, Mack EO-O PP/-N PP/EO-M Plus, Caterpillar ECF-3, Deutz DQC IV-10 LA

Application range

advanced truck and bus engines, can also be used in older commercial vehicles



Contents	Container	Order no.
20 l	Canister	2822 492 603
55 l	Barrel	2822 492 604
200 l	Barrel	2822 492 605
1000 l	Container	9909 493 602



Motor oil

SAE 15W40

for long oil-change intervals, KAT-tested, maximum wear protection, excellent ageing and viscosity stability, all-year motor oil, high-quality basic oils and a modern additive technology guarantee high power reserves and optimum wear protection characteristics for long oil change intervals, excellently suitable for vehicles with and without exhaust gas turbocharger

Version mineral

Approval MAN M 3275-1, Volvo VDSIII

Specification API CI-4/SL, ACEA A3-07/B3-04/E3-96/E5-02/E7-08, Jaso DH-1

Performance MB 228.3, MB 229.1, Renault RLD-2, MTU Type 2, MACK EO-M+, John Deere JDQ 78 a, Caterpillar ECF-1A/ECF-2, Cummins CES 20076, 20077, 20078, Valtra CR, Komatsu

Application range

for universal use for long oil-change intervals with a focus on modern diesel engines, but also suitable for a mixed vehicle fleet



Contents	Container	Order no.
5 l	Canister	9773 000 002
20 l	Canister	9773 000 035
55 l	Barrel	9773 000 036
200 l	Barrel	9773 000 037
1000 l	Container	2822 000 038



Motor oil 10W40

super low friction oil, tested with catalytic converter and tried and trusted with turbocharger, very good protection against wear, modern additive technology guarantees this engine oil excellent smooth running and wear protection properties and enables maximum oil change intervals

Version	part synthetic
Specification	API CI-4/SL, ACEA E3-96/E5-02/E7-08/A3-07/B4-04, Global DHD-1, Jaso DH-1
Performance	MB 228.3/229.1, MAN 3275, Volvo VDS III, Renault RLD/RLD-2, Caterpillar ECF-2/ECF-1a, Deutz DQC III-05, Cummins CES 20076, 20077, 20078, ZF TE-ML 07C, MACK EO-M+, MTU 2

Application range

for diesel engines with and without exhaust gas turbocharging as well as with and without charge air cooling, also suitable as a universal engine oil for the mixed vehicle fleet, especially suitable for long oil change intervals and high engine demands, suitable for vehicles with AdBlue® systems

Contents	Container	Order no.
1 l	Canister	9909 100 012
5 l	Canister	9909 100 013
20 l	Canister	9773 000 003
55 l	Barrel	9773 000 004
200 l	Barrel	9773 000 005
1000 l	Container	2822 000 006



Motor oil SAE 10W40

universal smooth running oil for maximum oil change intervals, very good cold start properties, smooth engine running, very good shearing and ageing properties, modern additive technology and selected basic oils ensure optimum engine cleanliness, excellent light running and wear protection features

Version	synthetic
Approval	MAN 3277, Volvo VDS III, Renault Truck RLD-2
Specification	API CI-4, ACEA E6-10/E7-10
Performance	MB 228.5, MTU Typ 3, Deutz DQC III-05/IV-05, Scania LDF-2/LDF-3, Caterpillar ECF-1A/ECF 2, Mack EO-N

Application range

for highly-stressed, exhaust-optimised diesel engines for commercial vehicles, can also be used in conventional naturally aspirated diesel and turbo diesel engines, suitable for vehicles with AdBlue® systems

Contents	Container	Order no.
20 l	Canister	9773 000 031
55 l	Barrel	9773 000 032
200 l	Barrel	9773 000 033
1000 l	Container	2822 000 034





Motor oil
commercial vehicle premium 10W40

modern LOW SAPS diesel engine oil with synthetic technology that has been designed for maximum oil change intervals (up to 120,000 km depending on type and operating conditions)

Version	synthetic
Approval	MAN 3477, Renault Truck RLD-2
Specification	API CI-4, ACEA E6-10/E7-10
Performance	MB 235.27/228.3/228.51, Renault Truck RXD, MTU 3.1, Deutz DQC III-10-LA/IV-10 LA, Volvo VDS III, Caterpillar ECF-1 A/ECF 2, MAN 3271-1, Mack EO-N, DAF, Scania LA

Application range
specially developed for highly-loaded, exhaust gas optimised commercial vehicle diesel engines with the most modern technology, optimised for the toughest demands in the commercial vehicle area, for shipping agents and communal fleets, suitable for vehicles with AdBlue® systems

Contents	Container	Order no.
5 l	Canister	2822 497 505
20 litres	Canister	9909 100 000
55 litres	Barrel	9909 100 001
200 litres	Barrel	9909 100 002
1000 l	Container	2822 100 003



Motor oil
SAE 5W30

All year round LOW SAPS engine oil, outstanding cold start behaviour, keeps the charge air cooler extremely clean, with extra long oil change intervals up to 120,000 km, outstanding low viscosity properties, significantly reduced fuel consumption especially in countries with low temperatures

Version	synthetic
Specification	API CI-4, ACEA E6-10/E7-10
Performance	MB 228.51, MAN M 3477, Volvo VDS III, Volvo CNG, MAN 3271-1, Renault RGD/RLD-RLD-2, MTU Type 3.1, Deutz DQC IV-05/IV-10 LA, Mack EO-M Plus, Caterpillar ECF-2, DAF

Application range
specially developed for the low emissions EURO-4, EURO-5 and EURO-6 engines, suitable for vehicles with AdBlue® systems

Contents	Container	Order no.
20 l	Canister	9773 000 007
55 l	Barrel	9773 000 008
200 l	Barrel	9773 000 009
1000 l	Container	2822 000 010





Motor oil SAE 10W40

super smooth-running oil, exhaust gas catalytic converter and turbo tested, good wear protection, light engine running, quick oil supply at low temperatures

Version part synthetic
Specification API SM/CF, ACEA A3-04/B4-04, JASO MA
Performance MB 229.1, VW 505.00/501.01, PSA B71 2294

Application range

for car petrol and diesel engines, including vehicles with and without charge air cooling (LLK) and exhaust gas turbo-charging (ATL)

Contents	Container	Order no.
1 l	Bottle	9773 000 026
5 l	Canister	9773 000 027
20 l	Canister	9773 000 028
55 l	Barrel	9773 000 029
200 l	Barrel	9773 000 030
1000 l	Container	2822 000 031



Motor oil 5W40

low friction engine oil for modern passenger car engines, optimal engine lubrication from the first revolution, ensures significantly less wear and thus optimal engine cleanliness, all-year oil for petrol and diesel engines

Version synthetic
Specification API SN/CF, ACEA A3-08/B4-08
Performance BMW Longlife-01, GM-LL-B-025, MB 229.3/229.1, Porsche A40, PSA B71 2296, Renault RN 0700/0710, VW 502.00/505.00, FIAT 9.55535 N2

Application range

petrol and diesel engines

Contents	Container	Order no.
1 l	Bottle	9909 100 009
5 litres	Canister	9909 100 010
20 l	Canister	9909 100 011
55 l	Barrel	2822 495 201
200 l	Barrel	2822 495 202
1000 l	Container	2822 100 012





Motor oil
5W40

high-performance smooth running motor oil with state-of-the-art formula for use all year round especially with vehicles with unit injector system without maintenance interval extension (WIV), also suitable for diesel engines with and without exhaust gas turbocharging (ATL) as well as with and without charge air cooling (LKK)

Version synthetic
Specification API SN/CF, ACEA A3-04/B4-04/C2-10/C3-10
Performance MB 229.51, BMW-Longlife 04, VW 502.00/505.00/505.01, Ford WSS M2C-917-A, Fiat 9.55535-S2, Porsche A40

Application range
unit injector

Contents	Container	Order no.
1 l	Bottle	9773 000 010
5 l	Canister	9773 000 011
20 l	Canister	9773 000 012
55 l	Barrel	9773 000 013
200 l	Barrel	9773 000 014
1000 l	Container	2822 000 015



Motor oil

high-performance, low-viscosity engine oil based on the most modern third-generation long-life technology, practically all modern cars from BMW, Mercedes, VW and Audi as well as many other manufacturers can be filled with this engine oil, regardless of whether or not they are equipped with a diesel particulate filter or a catalytic converter, oil change intervals up to 50,000 km are possible, offers the optimum lubrication reliability over the whole of the maintenance period

Version fully synthetic
Viscosity SAE 5W30
Specification ACEA A3-04/B4-04/C3-10
Performance BMW Longlife-04, MB 229.51, VW 504.00/507.00 (Longlife-III), Porsche C30

Contents	Container	Order no.
1 litre	Bottle	9909 100 003
5 litres	Canister	9909 100 004
20 litres	Canister	9909 100 005
55 l	Barrel	2822 492 501
200 l	Barrel	2822 492 502
1000 l	Container	2822 100 006





Gear oil

Synthogear Int. SAE 75W-80

High-performance high-pressure gear oil for transmissions under high loads with and without retarder or interarder or sub-transmissions, based on the synthesis technology oil change intervals up to every 400,000 km (depending on manufacturer's instructions) can be attained even at high temperatures

Approval MAN 341 E3/Z4, Volvo 97305, ZF TE-ML 01L/02L/08/16K

Specification API GL 4

Performance MB 235.11, Eaton Europe (300,000 km or 3 years), Iveco, DAF, Renault, (B0032/3 Annex 3)

Application range

transmissions under high loads with and without retarder, with interarder or sub-transmissions for trucks and buses, for the solution to problems with gear changing (eg sluggishness)

Contents	Container	Order no.
20 l	Canister	2822 520 302
55 l	Barrel	2822 520 303
200 l	Barrel	2822 520 304
1000 l	Container	9909 052 020



Gear oil

Synthogear SL 75W-90

high-performance gear oil for axle drives and manual gearboxes, quality oil developed for the highest demands with change intervals of up to 500,000 km (depending on manufacturer's instructions), maximum wear protection

Version fully synthetic

Specification API GL 4/GL 5, MT-1, MIL-PRF-2105E, SAE J2360

Performance Arvin Meritor 0-76-N, DAF (GL5), Iveco (MIL-PRF-2105E), MAN 341 Z2, MAN 341 E 3, MAN 342 S1 (change interval 200,000 km), Mack GO-J, MB 235.8, Renault Axle (B0032/2 Annex 3), Scania STO 1:0, Volvo 97312 (if API GL-5 is also permitted), ZF TE-ML 02B/05B/07A/08/12B/16F/17B/19C/21B

Application range

drive axles for trucks and buses

Contents	Container	Order no.
20 l	Canister	2822 520 701
55 l	Barrel	2822 520 702
200 l	Barrel	2822 520 703
1000 l	Container	9909 520 701





Gear oil

for automatic gearbox, ATF Dexron IID/IIIG

liquid gear oil, excellent corrosion protection with very high ageing stability, guarantees perfect functioning of liquid gears even under the most difficult of operating conditions and large temperature fluctuations

Version mineral

Performance GM Dexron III G, GM Dexron II D, GM Dexron TASA, Ford Mercon 2004, Voith H55.6335.3x, Allison C-4, Caterpillar TO-2, MAN 339 V1/Z1, MB 236.6, Renk, Sperry Vickers, Sundstrand, Volvo 97340, Volvo 97341*, ZF TE-ML 02F, 03D, 04D, 05L, 09, 11B, 14A

Application range

for use in mechanical manual gearboxes, automatic transmissions, in torque converters as well as in power steering where a lubricant of this specification is prescribed



Contents	Container	Order no.
1 l	Bottle	9773 000 018
20 l	Canister	9773 000 019
55 l	Barrel	9773 000 020
200 l	Barrel	9773 000 021
1000 l	Container	2822 000 022



Gear oil

Hypoid SAE 85W-90

maximum pressure absorbing properties, reduces wear and running noise, compatible with all sealing materials, high-performance high-pressure gear oil, made of carefully selected basic oils and multi-functional extreme-pressure additives

Version mineral

Specification API GL-5, MIL-L-2105 D

Performance Renault GL-5 axle, Volvo 97310+97316, DAF, ZF TE-ML 05A/07A/16B/16C/16D/17B/19B/21A, Voith 3.325-339, MAN 342 M1, MB 235.0

Application range

for maximum-load vehicle gears, particularly axle gears with hypoid



Contents	Container	Order no.
1 l	Bottle	9773 000 000
5 l	Canister	9773 000 001
20 l	Canister	9773 000 015
55 l	Barrel	9773 000 016
200 l	Barrel	9773 000 017
1000 l	Container	2822 000 018



Hydraulic oil HLP ISO 32

High-pressure hydraulic oil, based on mineral oil, with oxidation and corrosion inhibitors, with friction and wear reducing additives

Standard DIN 51524 part 2

Application range

suitable for all hydraulic units in which the use of HLP-blended oils is prescribed

Contents	Container	Order no.
5 l	Canister	2822 488 611
20 l	Canister	2822 488 613
55 l	Barrel	2822 488 612
200 l	Barrel	2822 488 614
1000 l	Container	9909 048 861



Hydraulic oil HLP 46

with wear-inhibiting, anti-corrosive additives, based on high-grade mineral oils

Application range

for all hydraulic systems where HLP oils are recommended, for hydraulic controllers and torque converters, for precision hydraulics and lifting equipment, for hydraulic systems where high thermal loads can occur

Contents	Container	Order no.
1 l	Bottle	9773 000 022
5 l	Canister	9773 000 023
20 l	Canister	2822 488 701
55 l	Barrel	9773 000 024
200 l	Barrel	9773 000 025
1000 l	Container	2822 000 026



11

Chemical products

EUROPART Oil

- "Made in Germany" quality
- first-class protection properties
- container sizes according to the customer's needs
- offers fuel savings and therefore favourable economics benefits
- satisfied customers for 6 years
- attractive price
- comprehensive covering for common vehicle types
- high-quality product marking through labelling

NEW!

Manufacturer approvals for:

- MAN
- RENAULT
- VOLVO

EUROPART
GOOD TO KNOW





Multi-purpose grease

KL 2 K

lithium soap lubricating grease, with a smooth free texture, squeeze-stable, resistant to oxidation, for use as a grease for plain and rolling contact bearings, ensures improved corrosion protection behaviour

Temperature resistance	-30 to +120 °C, for short periods up to +130 °C
Standard	NLGI-Class 2
Version	with lithium soap
Colour	natural

Application range

for motor vehicles, devices, machines, conveyer systems, construction machinery etc.

designation according to DIN 51 825: K 2 K-30

designation according to ISO/DIS 6743-9: ISO-L-XCHHA 2

Contents	Container	Order no.
5 kg	Bucket	9794 000 022
15 kg	Bucket	9794 000 023
25 kg	Hobbock	9794 000 024
50 kg	Hobbock	9794 000 025
180 kg	Barrel	9794 000 026



Permanent grease

universal

shear-stable lithium-complex based grease, water resistant, corrosion and oxidation resistant, offers very good protection against wear, with high pressure-absorption capacity

Temperature resistance	-30 to +150 °C
Colour	blue

Application range

for the lubrication of rolling contact bearings and plain bearings, on generators, electric motors, fans etc., also used in wheel hubs and clutch release bearings

designation according to DIN 51 825: KP 2 N-30

designation according to ISO/DIS 6743-9: ISO-L-XCDHB 2

Contents	Container	Order no.
5 kg	Bucket	9909 217 113
15 kg	Hobbock	9909 217 114
25 kg	Bucket	9909 217 115
50 kg	Hobbock	9909 217 116
180 kg	Barrel	9909 217 117





Complex roller bearing grease

special grease for truck axles, for both long-term use and use in high temperature ranges, reduced bearing friction, corrosion and oxidation resistant, offers very good protection against wear, with high pressure absorption capacity

Temperature resistance	-30 to +150 °C
Colour	blue
Specification	MAN 284 Li-H2

Application range

Specially suitable for new-generation heavily-loaded ECO axles. Recommended for all applications where BPW axle grease (e.g. ECO LI PLUS) is to be used. EUROPART complex roller bearing grease is also backwards compatible for use on older axles.

designation according to DIN 51 501: KP 2 N-30

designation according to ISO/DIS 6743-9: ISO-L-XCDHB 2

Contents	Container	Order no.
5 kg	Bucket	9909 273 101
15 kg	Hobbock	9909 273 102
25 kg	Bucket	9909 273 103
50 kg	Hobbock	9909 273 104



Low-viscosity grease

GLP 00/000

shear-stable lithium-saponified semi-fluid grease, water resistant, oxidation and corrosion resistant, free of lead, barium and chlorine, offers very good protection against wear

Temperature resistance	-40 to +120 °C
Version	with lithium soap
Colour	light green

Application range

can be used in central lubricating systems as well as for lubrication of gear mechanisms

designation according to DIN 51 826: GP 00 K-40

designation according to ISO/DIS 6743-9: ISO-L-XDCHB 00

Contents	Container	Order no.
500 ml	Tube	9909 857 701
5 kg	Bucket	9909 857 702
15 kg	Hobbock	9909 857 703
25 kg	Bucket	9909 857 704
50 kg	Hobbock	9909 857 705
180 kg	Barrel	9909 857 706





**High-pressure grease
with graphite, NLGI-Class 2**

for the lubrication of roller and plain bearings, provides corrosion protection, high pressure-absorbing properties, seawater-proof

Temperature resistance -30 to +130 °C

Flow pressure at -30 °C (DIN 51 805): 850 hPa

VKA welding load (DIN 51 350/T4): 3400 N

Application range

for agricultural machinery, construction machinery, diggers, trucks, tractors, stone-breakers, articulated trucks, lifts, loading equipment, conveyer belts and water pumps

designation according to DIN 51 825: KPF 2 K-30

designation according to ISO/DIS 6743-9: ISO-L-XCCHB 2

Contents	Container	Order no.
5 kg	Bucket	9794 000 016
15 kg	Hobbock	9794 000 017
25 kg	Bucket	9794 000 018
50 kg	Hobbock	9794 000 019
180 kg	Barrel	9794 000 020



**High-pressure grease
with MoS₂**

for use as plain and roller bearing grease for high-strain lubricant spots, ensures improved corrosion protection behaviour

Temperature resistance -30 to +130 °C

Colour black

Dropping point (DIN/ISO 2176): >180 °C

Flow pressure at -30 °C (DIN 51 805): 850 hPa

VKA welding load (DIN 51 350/T4): 3400 N

Application range

for motor vehicles, devices, machines, conveyer systems, construction machinery etc.

designation according to DIN 51 825: KPF 2 K-30

designation according to ISO/DIS 6743-9: ISO-L-XCCHB 2

Contents	Container	Order no.
1 kg	Can	9909 247 106
5 kg	Bucket	9794 000 027
15 kg	Hobbock	9909 858 007
25 kg	Bucket	9794 000 029
50 kg	Hobbock	9794 000 030
180 kg	Barrel	9794 000 031





Copper Paste Spray

Anti-Seize

reduces friction and wear, protects against fretting rust, corrosion and seizing

Temperature resistance -20 to +1100 °C

Application range

For use in the automotive branch for disc brakes and exhaust systems, in the chemical industry for flanges and fittings in hot-steam treatment, turbines and boilers

Contents	Container	Order no.
400 ml	Spray can	9230 000 215



Copper Paste

Anti-Seize

reduces friction and wear, protects against fretting corrosion and against corroding and seizing, high mechanical load capacity, water resistant and very release active high-temperature paste for all release processes at high temperatures, effective protection against corrosion and seizing of threads and bearings

Application range

for use in the automotive branch for disc brakes and exhaust systems, in the chemical industry for flanges and fittings in hot-steam treatment, turbines and boilers as well as in the stone and earth-moving industries to lubricate pneumatic hammers, concrete and stone drills

Contents	Container	Order no.
1 kg	Can	9909 217 402
15 kg	Hobbock	9909 217 403



11

Chemical products



Spray grease

360° valve, free of silicone, resin and acid, water-repellent, for the lubrication of heavy-duty plain, roller and joint bearings, spindles, door bolts and hinges, drag link heads, selector and clutch rods, MacPherson strut units and guides

Temperature resistance -30 to +120 °C

Colour white

Application range

machines in the food and drinks industries, textile, clothing, paper and cardboard industries as well as in precision engineering and household appliances

Contents	Container	Order no.
400 ml	Spray can	6304 000 002





Multi-function cleaner

Highly concentrated workshop cleaner of the highest quality, for cleaning extremely adhesive residues of oil, fuel, grease and insects, also suitable for cleaning workshop floors and tiling, use as a tarpauling and truck cleaner to quickly and thoroughly remove contamination such as grease, soot, dust etc, mixing ratio up to 1:5

Colour luminous yellow

Application range

for cleaning trucks, buses, tarpaulins, chassis, vehicle components and trailers, as well as workshop and hall floors

Contents	Container	Order no.
5 l	Canister	9909 959 201
25 l	Canister	9909 959 202
60 l	Barrel	9909 959 203
200 l	Barrel	9909 959 204



Tarpaulin and truck cleaner

Special cleaner with high efficiency, mixing ratio 1:1 to 1:20, preferably spray on using a sprayer, can also be used directly in high-pressure equipment, setting 1-5%

Application range

For cleaning truck tarpaulins and bodywork, workshop floors, car bodywork, as well as chassis and engines, painted, plastic and rubber components are not affected

Do not apply in direct sunlight, do not allow to dry, not suitable for unpainted aluminium or other materials sensitive to alkalis

Contents	Container	Order no.
5 l	Canister	9909 894 901
25 l	Canister	9909 894 902
60 l	Barrel	9909 894 903
200 l	Barrel	9909 894 904





Engine and cold cleaner

environmentally friendly universal cleaner for the effortless removal of dirt, oil, grease and resin

Application range

rapid and thorough cleaning and degreasing of engines, gearboxes, chassis, machinery, tools, workpieces, floors, tiles etc., problem-free use with aluminium and magnesium, can also be used in part cleaning devices

Contents	Container	Order no.
5 l	Canister	9909 052 201
25 l	Canister	9909 052 202
60 l	Barrel	9909 052 203
200 l	Barrel	9909 052 204



Rim cleaner

gently removes dirt such as brake pad dust, grey film, tar, oil and road dirt, suitable for alloy wheel rims, protects plastics, seals and rubber, scented, biodegradable

Colour yellow/green

pH in concentrate / DIN 51 369: 1.5 +/- 0.2

Application range

for cleaning stubborn soiling off all painted and non-painted alloy rims as well as steel rims

Warning: It may cause permanent stains on unpainted plastic parts. Rinse immediately with water if the wheel rim cleaner comes into contact with these areas.

Contents	Container	Order no.
500 ml	Spray bottle	9909 894 501
5 l	Canister	9909 894 502
25 l	Canister	9909 894 503
60 l	Barrel	9909 894 504





Compact foam cleaner

for quick and gentle cleaning

Application range

plastics, glass, metals, dashboards, varnishes, carpets, upholstery, car interiors, computer housings etc.

Contents	Container	Order no.
500 ml	Spray can	6304 000 004



Glass Foam cleaner

for inside and out, silicone-free, goes easy on material

Application range

cleans aluminium and stainless steel parts, plastics, glass, chrome, rubber, kitchen equipment, extractor hoods, counters, windows, mirrors, tiles, ceramics, monitors, screens, machine housings, glass surfaces, boats, caravans, surf boards, bicycles, polycarbonate sheets and acrylic plexiglass, helmet visors, windscreens, headlights etc.

Contents	Container	Order no.
500 ml	Spray can	9799 000 007



Cockpit spray
anti-static effect

Application range

cares for dashboards, plastic roof liners and plastic trims in the vehicle

Contents	Container	Order no.
300 ml	Spray can	9785 000 003





Brake fluid

DOT 4

high-grade synthetic brake fluid which has been especially developed for use in brake systems with drum and/or disc brakes, suitable for all hydraulic car brake and coupling systems, except for systems using mineral oil, can be mixed with all brake fluids that meet the same requirements

Specification complies with: FMVSS 116 DOT 4 (Federal Motor Vehicle Safety Standard), SAE J 1703, ISO 4925

Wet boiling point 170 °C

Dry boiling point 260 °C

Also suitable for vehicles with ABS.

Contents	Container	Order no.
1 l	Bottle	9785 000 015
5 l	Canister	9785 000 016
20 l	Canister	9785 000 017
60 l	Barrel	9785 000 018



Brake cleaner

cleaning agent for universal use, thanks to special solvent it degreases, removes stubborn soiling thoroughly and gently, dries off quickly

Application range

cleaning of drum and disc brakes, brake pads, springs, shoes, clutches, linings, pressure plates and clutch parts in general, gears, carburetors, petrol pumps, engine parts etc.

Contents	Container	Order no.
500 ml	Spray can	9239 144 001
5 l	Canister	9785 000 025
10 l	Canister	9785 000 026
20 l	Canister	9785 000 027
60 l	Barrel	9785 000 028



Delicate care spray

Multi-7, with 7-fold effect

infiltrates and dispels humidity, prevents voltage loss and creepage currents, penetrates gaps and capillary cavities, cleans stubborn dirt and loosens rust, protects metallic surfaces from wear and corrosion, offers an excellent gliding effect, eliminates squeaking and creaking

Temperature resistance -30 to +60 °C

Application range

for industry and automotive use

Contents	Container	Order no.
400 ml	Spray can	9230 000 110





Creeping oil spray

the oil has great penetration properties, high lubricating ability and payload, for loosening rust, lubricating inner bearings on chains, excellent lubricating properties for direct metal-to-metal contact, low running noise, low wear, lubricates inner bearings, prevents corrosion, gentle care for all moving parts

Version colourless, tasteless, odourless, does not contain acids and is free of petroleum
Temperature resistance up to +150 °C

Contents	Container	Order no.
400 ml	Spray can	9230 000 115



Rust Remover

loosens rusty screws, nuts and machine parts, prevents new rust forming and protects parts from wear, on MoS₂ basis

Temperature resistance -30 to +50 °C

Application range

high flow properties, best rust loosening capacity, e.g. for screws, bolts, chain links, joints, levers, springs, hinges or locks, also suitable for cylinder locks

Contents	Container	Order no.
400 ml	Spray can	9230 000 125



Spray cleaner

for cleaning and degreasing sliding surfaces and parts made of non-absorbant materials such as metals, ceramic, glass or many plastics and elastomers, all adhesive surfaces for coatings, varnishes or adhesives and sealing materials, all friction surfaces, brake pads, removal of old and resinified oil and grease residue, removal of residue of single-layer painting, before lubricant use

Application range

material surfaces in industry, trade, the workshop etc.

Be careful: Some types of plastic and rubber (e.g. thermoplastics such as PVC, plexiglass, polystyrene etc.) and paints can become etched Check for material compatibility before use!

Contents	Container	Order no.
500 ml	Spray can	9230 000 415





Silicone Spray

lubricates, cares and protects, preserves and impregnates, prevents the build-up of static charge

Temperature resistance -50 to +200 °C

Colour transparent

Application range

plastic, rubber and metal parts on vehicle interiors and exteriors, bumpers, radiator grills, spoilers, protective strips, cockpits etc. are given a shiny finish and do not become brittle, rubber parts such as door and bonnet rubbers, rubber bumps, protective strips, radiator hoses, car tyres etc. are cared for, do not become porous or stick, lubricates sunroof and seat rails, rollers on safety belts etc., impregnates folding roofs and covers, protects electrical contacts

Contents	Container	Order no.
400 ml	Spray can	9230 000 190



Power spray adhesive

for permanent adhesion, quick-drying, humidity-resistant, with adjustable spray nozzle, high immediate adhesive strength

Temperature resistance up to +70 °C

Application range

fabric, foams, insulating materials, plastics, foam rubber, rubber, leather, textiles, painted and non-painted metal, glass, wood, cork, foils, cardboard etc.

Not suitable for gluing polystyrene and PUR soft foam!

Contents	Container	Order no.
400 ml	Spray can	6304 000 001



Anti-Rust Primer

quick-drying, easy to paint over

Colour red-brown

Application range

for the priming of bright body panels which are to be coated later, for example

Contents	Container	Order no.
400 ml	Spray can	9785 000 007





Adhesive primer
lead-free, cadmium-free, odour-free

Its high solids content makes it an excellent choice for the priming of porous, absorbent bases. The best results are achieved if one paint system is used throughout, we therefore recommend the use of **EUROPART Colour Spray** as the final paint coat. In the worst case, the use of other paint systems can lead to blisters, cracks etc.

Colour grey

Application range
Wood, metal, masonry and most types of plastic

Contents	Container	Order no.
400 ml	Spray can	9790 940 005



Rim silver
lead-free, odour-free, resistant to friction

high-grade acrylic-resin paint with long-lasting colour intensity, makes old wheels look as new in no time

Colour silver
Colour code RAL 9006

Application range
for metal, wood and most plastic materials, particularly suitable for cars, mopeds, motorbikes, workshop

Contents	Container	Order no.
400 ml	Spray can	9790 940 004



High-performance chain spray

for use in open gearboxes, cables, chains, chain drives, motorbike chains, drive, control and load chains, is adhesive at both high and low temperatures and under extreme pressure conditions, O-ring compatible, excellent creep properties, noise-absorbing, strong adhesion

Temperature resistance -30 to +200 °C, max. +250 °C

Contents	Container	Order no.
400 ml	Spray can	9230 000 119





Chain Lube

intensive bonding, very good flow properties, forms an elastic protective film that repels water and dirt

Application range

for heavy-duty chains and fast-moving machine parts

Contents	Container	Order no.
400 ml	Spray can	9230 000 120



PTFE spray

Permanent separating agent, lubricant and antiseize agent, quick-drying

Version	grease-free
Temperature resistance	-180 to +260 °C
Colour	milky white

Application range

as a separating agent for plastic, wood and rubber processing, for lubricating guides, toothed wheels, slide rails, conveyer belts, chains, cutting tools, precision mechanisms, threads etc., as a non-stick coating for seals or sealing surfaces of all kinds, for eliminating squeaking sounds made by soft materials on hard surfaces (e.g. rubber on glass), as water-repellent impregnation

Contents	Container	Order no.
400 ml	Spray can	9230 000 185



11

Chemical products



Zinc spray

forms a micro-rough adhesive primer

economical, can be painted over after approx. 4-6 hours, zinc contents in dry film: 95 %

Temperature resistance	up to +500 °C
Colour	grey

touch-dry after approx. 10 minutes at +20 °C

Application range

for the repair of galvanised coatings (hot galvanising, cold galvanising or flame-spraying galvanising) interrupted or damaged by welding, drilling or cutting, for priming ferrous metals before further painting work during vehicle and ship repair, in steel constructions, underground and bridge engineering, in tank and overhead line construction, on grids, fences and traffic light poles, exhaust systems, drainpipes and channels etc., also suitable for spot welding

Contents	Container	Order no.
400 ml	Spray can	9230 000 175





Zinc repair spray

sticks to metal and provides long-term corrosion protection, as intermediate layer during spot welding, brightly shining like fresh hot galvanising, forms a smooth, pore-free film, is quick-drying, can be spot welded and is electrically conductive

Temperature resistance +500 °C
Colour silver grey

Application range

for all bodywork jobs, for repairing damaged hot galvanising

Contents	Container	Order no.
400 ml	Spray can	6304 000 005



Electrical Contact Spray

residue-free, multipurpose, excellent cleaning power, removes loose oxide and combustion residues, dust deposits or soiling causing creepage currents on moving contact areas such as ignition distributors, relay contacts, static contact areas such as plug-type connections, screw-type connections etc. in or on electric or electronic equipment or devices of all kinds

Contents	Container	Order no.
400 ml	Spray can	9799 000 013



Leak Detector Spray

Temperature resistance -20 to +50 °C

Application range

Leak detection agent for pressurised systems, for detecting leaks in pipelines and tanks under pressure, e.g. compressors, steel bottles, fittings, shut-off valves, breathing equipment, autogenous and inert gas welding equipment, bunsen burners, valves, screw fittings, air brakes etc., suitable for compressed air, refrigerant, acetylene, butane, natural gas, carbon dioxide, oxygen, propane, town gas, nitrogen, hydrogen, ammoniac

Non-toxic according to DIN-DVGW (German Gas and Water Association)

Contents	Container	Order no.
400 ml	Spray can	9230 000 150





Screw locking device

EP 24.00

1-component adhesive, easily, securely and permanently bonds, seals and secures threaded connections, parts to be joined, bearings and pipe connections, replaces traditional securing methods such as split pins, spring washers and washers, no special labelling required

Version	medium-strength
Colour	blue
Gap dimension, max.	0.25 mm
Temperature resistance	-55 to 150 °C

M36, hand-tight after about 30-50 minutes
Hardening: under air exclusion and metal contact

Contents	Container	Order no.
50 g	Bottle	9230 002 400



Screw locking device

EP 27.00

1-component adhesive, easily, securely and permanently bonds, seals and secures threaded connections, parts to be joined, bearings and pipe connections, replaces traditional securing methods such as split pins, spring washers and washers, no special labelling required

Version	high-strength
Colour	green
Gap dimension, max.	0.15 mm
Temperature resistance	-55 to 150 °C

M36, hand-tight after about 30-50 minutes
Hardening: under air exclusion and metal contact

Contents	Container	Order no.
50 g	Bottle	9230 002 700





Radiator protection

EP 40

nitrite, amine and phosphate free, based on ethylene glycol (ethanediol, monoethylene glycol) with a silicon additive package, protects against frost, corrosion and overheating, effectively protects against corrosion and deposits in the cooling system with its main components such as the cooling ducts in the cylinder head, engine block, radiator and water pump, suitable for: VW TL 774 version G (Audi, Bentley, Lamborghini, Seat, Skoda, VW from production year 2008), MB approved 325.5 and 325.6, MAN 324 type Si-OAT, Porsche from production year 1997, MAN from production year 2012, Mercedes-Benz from production year 2012

Colour violet

Application range

all modern engines, especially highly stressed aluminium engines

Dilute with water before use, mixing with other cooling protection products is not recommended!

Contents	Container	Order no.
1.5 l	Bottle	9198 544 212
20 l	Canister	9198 544 213
60 l	Barrel	9198 544 214
208 l	Barrel	9198 544 215



Radiator protection

EP 48

nitrite, amine and phosphate free, based on ethylene glycol (ethanediol, monoethylene glycol) with a hybrid inhibitor package, protects against frost, corrosion and overheating, effectively protects against corrosion and deposits in the cooling system with its main components such as the cooling ducts in the cylinder head, engine block, radiator and water pump, suitable for: MAN 324 type NF, MB 325.0, VW TL 774 version C, Deutz TR 0199-99-1115/7DE, BMW N 600 69.0, Jenbacher TA-No. 1000-0201, Liebherr Machines Bulle TLV 035, TLV 23009A, MTU MTL 5048.

Contents	Container	Order no.
20 l	Canister	9198 836 020
60 l	Barrel	9198 836 060
208 l	Barrel	9198 836 208
1000 l	Deposit Container	9230 002 068
1000 l	Disposable Container	9198 012 206





Coolant additive

EP 12

EP12 coolant additive is a radiator protective agent based on ethylene glycol (= monoethylene glycol (MEG), ethanediol) for summer and winter operation with protection against frost and corrosion

The product is free of nitrites, amines, phosphates and silicates.

Can be used for: VW TL 774 version F, MB 325.3, MAN 324 type SNF, DAF74002 and MTU MTL 5048.

- suitable for cast iron and aluminium engines
- increases the boiling point and decreases the freezing point of the coolant (coolant = radiator protective agent + water)
- optimum corrosion protection for all metals and metal alloys used in the cooling system, including aluminium
- neutral towards metals, rubber components and seals
- non-foaming

Recommended for use at a concentration of 50 %, at which frost protection to -37°C is obtained.

Contents	Container	Version	Order no.
1.5 l	Bottle		9198 544 166
5 l	Canister		9198 544 168
20 l	Canister		9230 003 102
60 l	Barrel	incl. drain tap	9230 001 101
200 l	Barrel	2" barrel pump connection	9230 002 102



Radiator protection

Universal

Universal antifreeze based on ethylene glycol (= monoethylene glycol (MEG), ethanediol), radiator protective agent for summer and winter operation with protection against frost and corrosion
The product is free of nitrites, amines and phosphates.

- suitable for cast iron and aluminium engines
- increases the boiling point and decreases the freezing point of the coolant (coolant = radiator protective agent + water)
- protects against corrosion, cavitation and deposits
- neutral towards metals, rubber components and seals
- non-foaming

Recommended for use at a concentration of 50 %, at which frost protection to -37°C is obtained.

Contents	Container	Version	Order no.
1.5 l	Bottle		9230 002 010
5 l	Canister		9230 004 001
20 l	Canister		9230 003 002
60 l	Barrel	incl. drain tap	9230 001 001
200 l	Barrel	2" barrel pump connection	9230 002 002





Screen wash

Guaranteed freezing protection to -60 °C

Serves as a reliable frost protection for the windscreen washer system and as intensive year-round windscreen cleaner (insects, grease).

The product is DEKRA tested, among other things for

- adherence to the freezing points giving in the mixing table
- suitability for fan nozzles
- usability for headlamp lenses made of polycarbonate
- material compatibility (paint, rubber, metals, plastics, etc.)
- handling

Contains no reclaimed substances and no methanol, uses bio-ethanol instead.

The bitter substance BITREX® has been added to protect against being swallowed by children.

Contents	Container	Order no.
1 l	Bottle	9230 000 100
5 l	Canister	9230 000 200
20 l	Canister	9230 000 403
60 l	Barrel	9230 000 500
200 l	Barrel	9230 000 603



Washer antifreeze
to -20 °C

Ready-to-use for winter and also throughout the year in the windscreen washer system. Effortlessly removes dirt in winter road traffic, gives clear vision in summer. Suitable for fan nozzles and polycarbonate panes with the best cleaning power and material compatibility (paint, polycarbonate, rubber, metal, etc.).

Version Ready-mixed with citrus aroma

Contents	Container	Order no.
5 l	Canister	9198 012 450



Start-aid spray

for quick starting of internal combustion engines of all kinds with starting problems caused by low temperatures as well as after long periods standing idle, can be sprayed from any position, 360° valve, spares the battery and starter motor

Application range

Diesel vehicles, construction and agricultural machinery, two-stroke vehicles, chain saws, pumps, fork lift trucks, buses

Contents	Container	Order no.
400 ml	Spray can	6304 000 003







Standardised and DIN parts

Blind rivets	200
Cable ties.....	201
Washers	202, 203
Rings	204
Bolts.....	205–215





Blind rivet
with large head, DIN 7337, ISO 15977

Version	Cup head with break pin
Form	A
Head Ø	14 mm
Mandrel Ø	2.70 mm
Bore hole Ø	5,1 mm
Material	Aluminium-steel
Surface	galvanised



Dimensions	Clamping range	Packaging unit	Order no.
5 x 10 mm	4,5-6,0 mm	250	6653 005 010
5 x 12 mm	6,0-8,0 mm	250	6653 005 012
5 x 14 mm	8,0-10,0 mm	250	6653 005 014
5 x 16 mm	10,0-12,0 mm	250	6653 005 016
5 x 20 mm	14,0-16,0 mm	250	6653 005 020





Plastic cable tie

Colour black
Material Polyamide 6,6



Length	Width	Bundle-Ø	Packaging unit	Order no.
100 mm	2,5 mm	22 mm	100	1191 110 027
140 mm	3,6 mm	33 mm	100	1191 114 037
160 mm	4,8 mm	38 mm	100	1191 116 049
200 mm	2,5 mm	53 mm	100	1191 120 026
200 mm	3,6 mm	53 mm	100	1191 120 036
200 mm	4,8 mm	50 mm	100	1191 120 054
200 mm	7,6 mm	50 mm	100	1191 120 076
292 mm	7,6 mm	76 mm	100	1191 129 276
300 mm	4,8 mm	76 mm	100	1191 130 049
368 mm	4,8 mm	102 mm	100	1191 136 849
368 mm	7,6 mm	102 mm	100	1191 136 877
775 mm	9 mm	228 mm	100	1191 177 590



Plastic cable tie

Colour natural
Material Polyamide 6,6



Length	Width	Bundle-Ø	Packaging unit	Order no.
140 mm	3,6 mm	33 mm	100	1191 114 036
200 mm	4,8 mm	50 mm	100	1191 120 051
292 mm	3,6 mm	76 mm	100	1191 129 236
300 mm	4,8 mm	76 mm	100	1191 130 048
368 mm	4,8 mm	102 mm	100	1191 136 848
368 mm	7,6 mm	102 mm	100	1191 136 876
580 mm	12,6 mm	152 mm	50	1191 158 126



Washer
DIN 125, ISO 7089

Form A
Version without chamfer
Material steel
Surface galvanised



Inner Ø	Outer Ø	Material thickness	for thread	Packaging unit	Order no.
6,4 mm	12 mm	1,6 mm	M6	100	6605 006 400
8,4 mm	16 mm	1,6 mm	M8	100	6605 008 400
10,5 mm	20 mm	2 mm	M10	100	6605 010 500
13 mm	24 mm	2,5 mm	M12	100	6605 013 000
15 mm	28 mm	2,5 mm	M14	100	6605 015 000
17 mm	30 mm	3,0 mm	M16	100	6605 017 000
21 mm	37 mm	3,0 mm	M20	100	6605 021 000
23 mm	39 mm	3,0 mm	M22	100	6605 023 000
25 mm	44 mm	4,0 mm	M24	100	6605 025 000



Washer
DIN 9021

Version without chamfer
Material steel
Surface galvanised



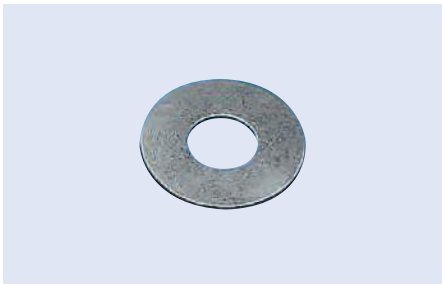
Inner Ø	Outer Ø	Material thickness	Packaging unit	Order no.
6,4 mm	18 mm	1,6 mm	100	6609 006 400
8,4 mm	24 mm	2 mm	100	6609 008 400
10,5 mm	30 mm	2,5 mm	100	6609 010 500
13 mm	37 mm	3 mm	100	6609 013 000
15 mm	44 mm	3 mm	100	6609 015 000
17 mm	50 mm	3 mm	100	6609 017 000
20 mm	56 mm	4 mm	100	7719 021 200
22 mm	60 mm	4 mm	100	7719 021 220



Wing washer
TOL 522

Version coarse, scoured
Material steel
Surface galvanised

Tolerance according to DIN 522



Inner Ø	Outer Ø	Material thickness	Packaging unit	Order no.
6,4 mm	20 mm	1,25 mm	100	6612 064 020
6,5 mm	25 mm	1,25 mm	100	6612 065 025
6,5 mm	30 mm	1,25 mm	100	6612 065 030
6,5 mm	35 mm	1,25 mm	100	6612 065 035
6,5 mm	40 mm	1,25 mm	100	6612 065 040
8,5 mm	20 mm	1,25 mm	100	6612 085 020
8,5 mm	25 mm	1,25 mm	100	6612 085 025
8,5 mm	30 mm	1,25 mm	100	6612 085 030
8,5 mm	35 mm	1,25 mm	100	6612 085 035
8,5 mm	40 mm	1,25 mm	100	6612 085 040
10,5 mm	25 mm	1,25 mm	100	6612 105 025
10,5 mm	30 mm	1,25 mm	100	6612 105 030
13 mm	32 mm	1,25 mm	100	6612 130 032
10,5 mm	35 mm	1,25 mm	500	7715 221 035
10,5 mm	40 mm	1,25 mm	100	6612 105 040
13 mm	40 mm	1,25 mm	100	6612 130 040





Split washer
DIN 127

Form A, bent open
Material spring steel
Surface galvanised



Nominal Ø	Outer Ø	Material thickness	for thread	Packaging unit	Order no.
6 mm	11,8 mm	1,6 mm	M6	100	6606 006 000
8 mm	14,8 mm	2 mm	M8 (5/16")	100	6606 008 000
10 mm	18,1 mm	2,2 mm	M10 (3/8")	100	6606 010 000
12 mm	21,2 mm	2,5 mm	M12	100	6606 012 000
14 mm	24,1 mm	3 mm	M14 (9/16")	100	6606 014 000
16 mm	27,4 mm	3,5 mm	M16 (5/8")	100	6606 016 000
18 mm	29,4 mm	3,5 mm	M18	100	6606 018 000
20 mm	33,6 mm	4 mm	M20 (3/4")	50	6606 020 000
22 mm	35,9 mm	4 mm	M22 (7/8")	50	6606 022 000
24 mm	40 mm	5 mm	M24	50	6606 024 000
30 mm	48,2 mm	6 mm	M30 (1 1/8")	50	7711 270 030



Copper sealing ring
DIN 7603

Form A
Material copper



Dimensions	Packaging unit	Order no.
6 x 12 x 1 mm	100	6651 061 210
8 x 14 x 1 mm	100	6651 081 410
10 x 16 x 1 mm	100	6651 101 610
12 x 18 x 1,5 mm	100	6651 121 815
14 x 20 x 1,5 mm	100	6651 142 015
14 x 22 x 1,5 mm	100	6651 142 215
16 x 22 x 1,5 mm	100	6651 162 215
16 x 24 x 1,5 mm	100	6651 162 415
17 x 23 x 1,5 mm	100	6651 172 315
18 x 22 x 1,5 mm	100	6651 182 215
18 x 24 x 1,5 mm	100	6651 182 415
20 x 26 x 1,5 mm	100	6651 202 615
21 x 26 x 1,5 mm	100	6651 212 615
22 x 29 x 2 mm	100	6651 222 920
24 x 30 x 2 mm	100	6651 243 020



Hexagon nut metric standard thread, DIN 934, 8

Material steel
Surface galvanised



Thread	Gradient	Spanner size	Height	Packaging unit	Order no.
M6		10 mm	5 mm	100	6603 006 000
M8		13 mm	6,5 mm	100	6603 008 000
M10		17 mm	8 mm	100	6603 010 000
M12		19 mm	10 mm	100	6603 012 000
M12	1,5 mm	19 mm	10 mm	100	6603 012 150
M14		22 mm	11 mm	50	6603 014 000
M14	1,5 mm	22 mm	11 mm	50	6603 014 150
M16		24 mm	13 mm	50	6603 016 000
M16	1,5 mm	24 mm	13 mm	50	6603 016 150
M18		27 mm	15 mm	25	6603 018 000
M18	1,5 mm	27 mm	15 mm	25	6603 018 150
M20		30 mm	16 mm	25	6603 020 000
m20	1,5 mm	30 mm	16 mm	25	6603 020 150
M22		32 mm	18 mm	25	6603 022 000
M22	1,5 mm	32 mm	18 mm	25	6603 022 150
M24		36 mm	19 mm	25	6603 024 000
M24	1,5 mm	36 mm	19 mm	25	6603 024 150



Hexagon nut self-locking, DIN 980, V, 8

Version solid metal nut
Material steel
Surface galvanised



Thread	Gradient	Spanner size	Height	Packaging unit	Order no.
M6		10 mm	6 mm	1000	7719 800 006
M8		13 mm	8 mm	100	6624 008 000
M10		17 mm	10 mm	100	6624 010 000
M12		19 mm	12 mm	100	6624 012 000
M12	1,5 mm	19 mm	12 mm	100	6624 012 150
M14		22 mm	14 mm	100	6624 014 000
M14	1,5 mm	22 mm	14 mm	100	6624 014 150
M16		24 mm	16 mm	100	6624 016 000
M16	1,5 mm	24 mm	16 mm	100	6624 016 150
M18		27 mm	18 mm	100	7719 800 018
M20		30 mm	20 mm	100	7719 800 020
M22		32 mm	22 mm	50	7719 800 022
M24		36 mm	24 mm	50	7719 800 024



Hexagon nut self-locking, DIN 985, 8

with non-metal insert

Version slim shape

Material steel

Surface galvanised



Thread	Gradient	Spanner size	Height	Packaging unit	Order no.
M6		10 mm	6 mm	100	6604 006 000
M8		13 mm	8 mm	100	6604 008 000
M10		17 mm	10 mm	100	6604 010 000
M12		19 mm	12 mm	100	6604 012 000
M12	1,5 mm	19 mm	12 mm	100	6604 012 150
M14		22 mm	14 mm	50	6604 014 000
M14	1,5 mm	22 mm	14 mm	50	6604 014 150
M16		24 mm	16 mm	50	6604 016 000
M16	1,5 mm	24 mm	16 mm	50	6604 016 150
M18		27 mm	18,5 mm	50	6604 018 000
M18	1,5 mm	27 mm	18,5 mm	50	6604 018 150
M20		30 mm	20 mm	25	6604 020 000
M20	1,5 mm	30 mm	20 mm	25	6604 020 150
M22		32 mm	22 mm	25	6604 022 000
M22	1,5 mm	32 mm	22 mm	25	6604 022 150
M24		36 mm	24 mm	25	6604 024 000
M24	1,5 mm	36 mm	24 mm	25	6604 024 150
M24	2 mm	36 mm	24 mm	25	6604 024 200



Cap nut DIN 1587, 6

Version high shape, turned

Material steel

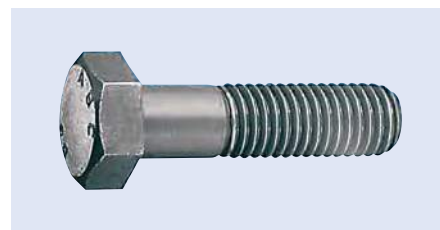
Surface galvanised



Thread	Spanner size	Height	Packaging unit	Order no.
M6	10 mm	12 mm	100	6611 006 000
M8	13 mm	15 mm	100	6611 008 000
M10	17 (16) mm	18 mm	50	6611 010 000
M12	19 (18) mm	22 mm	50	6611 012 000
M16	24 mm	28 mm	25	6611 016 000
M20	30 mm	34 mm	50	7711 587 020

Bolt with shank, DIN 931, 8.8

Material steel
Surface galvanised



Thread	Length	Thread length	Head height	Packaging unit	Order no.
M6	30 mm	18 mm	4 mm	100	6602 006 030
M6	35 mm	18 mm	4 mm	100	6602 006 035
M6	40 mm	18 mm	4 mm	100	6602 006 040
M6	45 mm	18 mm	4 mm	100	6602 006 045
M6	50 mm	18 mm	4 mm	100	6602 006 050
M6	55 mm	18 mm	4 mm	100	6602 006 055
M6	60 mm	18 mm	4 mm	100	6602 006 060
M6	70 mm	18 mm	4 mm	100	6602 006 070
M6	80 mm	18 mm	4 mm	100	6602 006 080
M6	100 mm	18 mm	4 mm	100	6602 006 100
M8	35 mm	22 mm	5,3 mm	100	6602 008 035
M8	40 mm	22 mm	5,3 mm	100	6602 008 040
M8	45 mm	22 mm	5,3 mm	100	6602 008 045
M8	50 mm	22 mm	5,3 mm	100	6602 008 050
M8	60 mm	22 mm	5,3 mm	100	6602 008 060
M8	65 mm	22 mm	5,3 mm	100	6602 008 065
M8	70 mm	22 mm	5,3 mm	100	6602 008 070
M8	80 mm	22 mm	5,3 mm	100	6602 008 080
M8	90 mm	22 mm	5,3 mm	50	6602 008 090
M8	100 mm	22 mm	5,3 mm	50	6602 008 100
M8	120 mm	22 mm	5,3 mm	50	6602 008 120
M8	140 mm	28 mm	5,3 mm	50	6602 008 140
M8	160 mm	28 mm	5,3 mm	50	6602 008 160
M10	40 mm	26 mm	6,4 mm	100	6602 010 040
M10	45 mm	26 mm	6,4 mm	100	6602 010 045
M10	50 mm	26 mm	6,4 mm	50	6602 010 050
M10	55 mm	26 mm	6,4 mm	50	6602 010 055
M10	60 mm	26 mm	6,4 mm	50	6602 010 060
M10	65 mm	26 mm	6,4 mm	50	6602 010 065
M10	70 mm	26 mm	6,4 mm	50	6602 010 070
M10	80 mm	26 mm	6,4 mm	50	6602 010 080
M10	90 mm	26 mm	6,4 mm	50	6602 010 090
M10	100 mm	26 mm	6,4 mm	25	6602 010 100
M10	110 mm	26 mm	6,4 mm	25	6602 010 110
M10	120 mm	26 mm	6,4 mm	25	6602 010 120
M10	160 mm	32 mm	6,4 mm	25	6602 010 160
M12	40 mm	30 mm	7,5 mm	50	6602 012 040
M12	45 mm	30 mm	7,5 mm	50	6602 012 045
M12	50 mm	30 mm	7,5 mm	50	6602 012 050
M12	55 mm	30 mm	7,5 mm	50	6602 012 055
M12	60 mm	30 mm	7,5 mm	50	6602 012 060
M12	65 mm	30 mm	7,5 mm	50	6602 012 065
M12	70 mm	30 mm	7,5 mm	50	6602 012 070
M12	75 mm	30 mm	7,5 mm	25	6602 012 075
M12	80 mm	30 mm	7,5 mm	25	6602 012 080
M12	90 mm	30 mm	7,5 mm	25	6602 012 090

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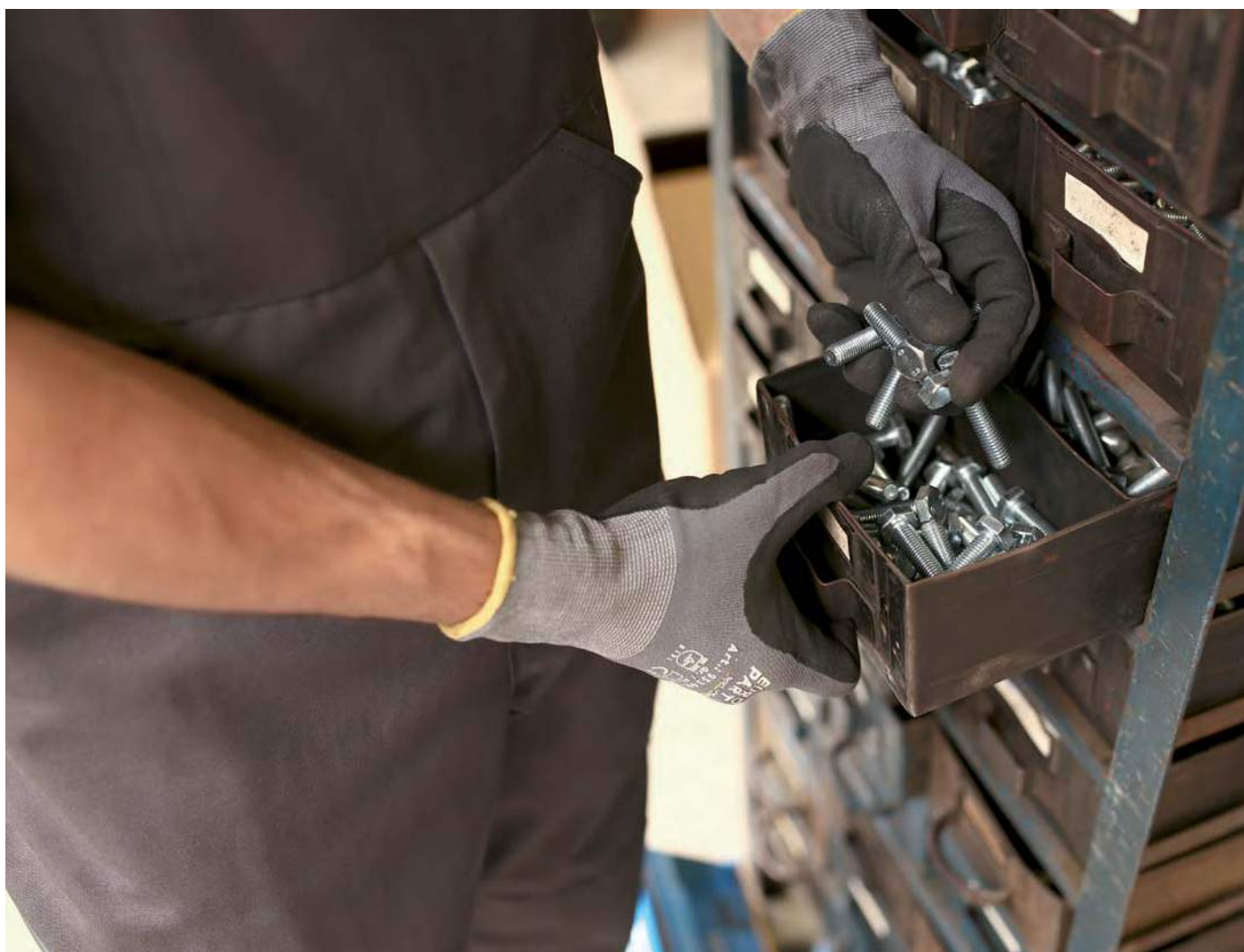
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Thread	Length	Thread length	Head height	Packaging unit	Order no.
M12	100 mm	30 mm	7,5 mm	25	6602 012 100
M12	110 mm	30 mm	7,5 mm	25	6602 012 110
M12	120 mm	30 mm	7,5 mm	25	6602 012 120
M12	130 mm	36 mm	7,5 mm	25	6602 012 130
M12	140 mm	36 mm	7,5 mm	25	6602 012 140
M12	150 mm	36 mm	7,5 mm	25	6602 012 150
M12	160 mm	36 mm	7,5 mm	25	6602 012 160
M14	50 mm	34 mm	8,8 mm	25	6602 014 050
M14	60 mm	34 mm	8,8 mm	25	6602 014 060
M14	70 mm	34 mm	8,8 mm	25	6602 014 070
M14	80 mm	34 mm	8,8 mm	25	6602 014 080
M14	90 mm	34 mm	8,8 mm	25	6602 014 090
M14	100 mm	34 mm	8,8 mm	25	6602 014 100
M14	120 mm	34 mm	8,8 mm	25	6602 014 120
M16	60 mm	38 mm	10 mm	25	6602 016 060
M16	65 mm	38 mm	10 mm	10	6602 016 065
M16	70 mm	38 mm	10 mm	10	6602 016 070
M16	75 mm	38 mm	10 mm	10	6602 016 075
M16	80 mm	38 mm	10 mm	10	6602 016 080
M16	90 mm	38 mm	10 mm	10	6602 016 090
M16	100 mm	38 mm	10 mm	10	6602 016 100
M16	110 mm	38 mm	10 mm	10	6602 016 110
M16	120 mm	38 mm	10 mm	10	6602 016 120
M16	130 mm	44 mm	10 mm	10	6602 016 130
M16	140 mm	44 mm	10 mm	10	6602 016 140
M18	60 mm	42 mm	11,5 mm	25	6602 018 060
M18	80 mm	42 mm	11,5 mm	10	6602 018 080
M18	90 mm	42 mm	11,5 mm	10	6602 018 090
M18	100 mm	42 mm	11,5 mm	10	6602 018 100
M18	120 mm	42 mm	11,5 mm	10	6602 018 120
M18	160 mm	42 mm	11,5 mm	10	6602 018 160
M18	180 mm	42 mm	11,5 mm	10	6602 018 180
M20	70 mm	46 mm	12,5 mm	10	6602 020 070
M20	80 mm	46 mm	12,5 mm	10	6602 020 080
M20	90 mm	46 mm	12,5 mm	10	6602 020 090
M20	100 mm	46 mm	12,5 mm	10	6602 020 100
M20	110 mm	46 mm	12,5 mm	10	6602 020 110
M20	120 mm	46 mm	12,5 mm	10	6602 020 120
M20	140 mm	52 mm	12,5 mm	10	6602 020 140
M20	150 mm	52 mm	12,5 mm	10	6602 020 150
M20	160 mm	52 mm	12,5 mm	10	6602 020 160
M20	170 mm	52 mm	12,5 mm	10	6602 020 170
M20	180 mm	52 mm	12,5 mm	10	6602 020 180
M20	200 mm	52 mm	12,5 mm	10	6602 020 200
M20	220 mm	65 mm	12,5 mm	10	6602 020 220
M20	240 mm	65 mm	12,5 mm	10	6602 020 240
M20	260 mm	65 mm	12,5 mm	10	6602 020 260
M20	280 mm	65 mm	12,5 mm	5	6602 020 280
M20	300 mm	65 mm	12,5 mm	5	6602 020 300

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Thread	Length	Thread length	Head height	Packaging unit	Order no.
M24	80 mm	54 mm	14 mm	10	6602 024 080
M24	100 mm	54 mm	14 mm	10	6602 024 100
M24	120 mm	54 mm	14 mm	10	6602 024 120
M24	140 mm	60 mm	14 mm	10	6602 024 140
M24	150 mm	60 mm	14 mm	10	6602 024 150
M24	160 mm	60 mm	14 mm	10	6602 024 160
M24	180 mm	60 mm	14 mm	10	6602 024 180
M24	190 mm	60 mm	14 mm	10	6602 024 190
M24	200 mm	60 mm	14 mm	10	6602 024 200
M24	220 mm	73 mm	14 mm	10	6602 024 220
M24	240 mm	73 mm	14 mm	10	6602 024 240
M24	260 mm	73 mm	14 mm	5	6602 024 260
M24	280 mm	73 mm	14 mm	5	6602 024 280
M24	300 mm	73 mm	14 mm	5	6602 024 300



Bolt

with thread almost to head, DIN 933, 8.8

Material steel
Surface galvanised



Thread	Length	Head height	Packaging unit	Order no.
M6	10 mm	4 mm	200	6601 006 010
M6	12 mm	4 mm	200	6601 006 012
M6	16 mm	4 mm	200	6601 006 016
M6	20 mm	4 mm	200	6601 006 020
M6	25 mm	4 mm	200	6601 006 025
M6	30 mm	4 mm	200	6601 006 030
M6	35 mm	4 mm	100	6601 006 035
M6	40 mm	4 mm	100	6601 006 040
M6	45 mm	4 mm	100	6601 006 045
M6	50 mm	4 mm	100	6601 006 050
M6	60 mm	4 mm	100	6601 006 060
M6	70 mm	4 mm	200	7719 330 670
M6	80 mm	4 mm	200	7719 330 680
M8	10 mm	5,3 mm	200	7719 330 810
M8	12 mm	5,3 mm	100	6601 008 012
M8	16 mm	5,3 mm	100	6601 008 016
M8	20 mm	5,3 mm	100	6601 008 020
M8	25 mm	5,3 mm	100	6601 008 025
M8	30 mm	5,3 mm	100	6601 008 030
M8	35 mm	5,3 mm	100	6601 008 035
M8	40 mm	5,3 mm	100	6601 008 040
M8	45 mm	5,3 mm	100	6601 008 045
M8	50 mm	5,3 mm	100	6601 008 050
M8	55 mm	5,3 mm	100	6601 008 055
M8	60 mm	5,3 mm	100	6601 008 060
M8	65 mm	5,3 mm	100	6601 008 065
M8	70 mm	5,3 mm	100	6601 008 070
M8	80 mm	5,3 mm	100	6601 008 080
M8	90 mm	5,3 mm	100	7719 330 890
M8	100 mm	5,3 mm	100	7719 338 100
M8	120 mm	5,3 mm	100	7719 338 120
M8	130 mm	5,3 mm	100	7719 338 130
M10	12 mm	6,4 mm	200	7719 331 012
M10	16 mm	6,4 mm	200	7719 331 016
M10	20 mm	6,4 mm	100	6601 010 020
M10	25 mm	6,4 mm	100	6601 010 025
M10	30 mm	6,4 mm	100	6601 010 030
M10	35 mm	6,4 mm	100	6601 010 035
M10	40 mm	6,4 mm	100	6601 010 040
M10	45 mm	6,4 mm	100	6601 010 045
M10	50 mm	6,4 mm	50	6601 010 050
M10	60 mm	6,4 mm	50	6601 010 060
M10	70 mm	6,4 mm	50	6601 010 070
M10	80 mm	6,4 mm	50	6601 010 080
M10	90 mm	6,4 mm	100	7719 331 090

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Thread	Length	Head height	Packaging unit	Order no.
M10	100 mm	6,4 mm	100	7719 331 100
M10	110 mm	6,4 mm	50	7719 331 110
M10	120 mm	6,4 mm	50	7719 331 120
M10	130 mm	6,4 mm	50	7719 331 130
M12	20 mm	7,5 mm	100	6601 012 020
M12	25 mm	7,5 mm	100	6601 012 025
M12	30 mm	7,5 mm	100	6601 012 030
M12	35 mm	7,5 mm	50	6601 012 035
M12	40 mm	7,5 mm	50	6601 012 040
M12	45 mm	7,5 mm	50	6601 012 045
M12	50 mm	7,5 mm	50	6601 012 050
M12	60 mm	7,5 mm	50	6601 012 060
M12	65 mm	7,5 mm	50	7719 331 265
M12	70 mm	7,5 mm	50	7719 331 270
M12	80 mm	7,5 mm	50	7719 331 280
M12	90 mm	7,5 mm	50	7719 331 290
M12	100 mm	7,5 mm	50	7719 331 210
M12	110 mm	7,5 mm	50	7719 331 211
M12	120 mm	7,5 mm	50	7719 331 212
M12	130 mm	7,5 mm	50	7719 331 213
M12	140 mm	7,5 mm	50	7719 331 214
M14	20 mm	8,8 mm	50	6601 014 020
M14	25 mm	8,8 mm	50	6601 014 025
M14	30 mm	8,8 mm	50	6601 014 030
M14	35 mm	8,8 mm	50	6601 014 035
M14	40 mm	8,8 mm	50	6601 014 040
M14	45 mm	8,8 mm	25	6601 014 045
M14	50 mm	8,8 mm	25	6601 014 050
M14	60 mm	8,8 mm	25	6601 014 060
M14	70 mm	8,8 mm	25	6601 014 070
M14	80 mm	8,8 mm	25	6601 014 080
M14	100 mm	8,8 mm	50	7719 331 410
M16	25 mm	10 mm	50	7719 331 625
M16	30 mm	10 mm	25	6601 016 030
M16	35 mm	10 mm	50	7719 331 635
M16	40 mm	10 mm	25	6601 016 040
M16	50 mm	10 mm	25	6601 016 050
M16	55 mm	10 mm	50	7719 331 655
M16	60 mm	10 mm	25	6601 016 060
M16	65 mm	10 mm	25	7719 331 665
M16	70 mm	10 mm	25	6601 016 070
M16	80 mm	10 mm	25	6601 016 080
M16	90 mm	10 mm	25	7719 331 690
M16	100 mm	10 mm	10	6601 016 100
M16	110 mm	10 mm	25	7719 331 611
M16	120 mm	10 mm	25	7719 331 612
M16	130 mm	10 mm	25	7719 331 613
M20	35 mm	12,5 mm	25	7719 332 035
M20	40 mm	12,5 mm	25	7719 332 040
M20	45 mm	12,5 mm	25	7719 332 045

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Thread	Length	Head height	Packaging unit	Order no.
M20	50 mm	12,5 mm	25	7719 332 050
M20	55 mm	12,5 mm	25	7719 332 055
M20	60 mm	12,5 mm	25	7719 332 060
M20	70 mm	12,5 mm	25	7719 332 070
M20	90 mm	12,5 mm	25	7719 332 090
M20	110 mm	12,5 mm	25	7719 332 011
M20	120 mm	12,5 mm	25	7719 332 012
M20	150 mm	12,5 mm	25	7719 332 015
M20	160 mm	12,5 mm	10	7719 332 016
M20	200 mm	12,5 mm	10	7719 332 020



Bolt with shank, DIN 960, 10.9

Version fine thread
Material steel
Surface galvanised



Thread	Gradient	Length	Spanner size	Head height	Packaging unit	Order no.
M12	1,5 mm	40 mm	19 mm	7,5 mm	50	6620 012 040
M12	1,5 mm	45 mm	19 mm	7,5 mm	50	6620 012 045
M12	1,5 mm	50 mm	19 mm	7,5 mm	50	6620 012 050
M12	1,5 mm	60 mm	19 mm	7,5 mm	50	6620 012 060
M12	1,5 mm	70 mm	19 mm	7,5 mm	25	6620 012 070
M12	1,5 mm	80 mm	19 mm	7,5 mm	25	6620 012 080
M12	1,5 mm	100 mm	19 mm	7,5 mm	25	7719 601 210
M14	1,5 mm	35 mm	22 mm	8,8 mm	25	6620 014 035
M14	1,5 mm	40 mm	22 mm	8,8 mm	100	7719 601 440
M14	1,5 mm	45 mm	22 mm	8,8 mm	100	7719 601 445
M14	1,5 mm	50 mm	22 mm	8,8 mm	25	6620 014 050
M14	1,5 mm	55 mm	22 mm	8,8 mm	50	7719 601 455
M14	1,5 mm	60 mm	22 mm	8,8 mm	25	6620 014 060
M14	1,5 mm	70 mm	22 mm	8,8 mm	25	6620 014 070
M14	1,5 mm	80 mm	22 mm	8,8 mm	25	6620 014 080
M14	1,5 mm	90 mm	22 mm	8,8 mm	25	7719 601 490
M14	1,5 mm	100 mm	22 mm	8,8 mm	25	7719 601 410
M16	1,5 mm	40 mm	24 mm	10 mm	50	7719 601 640
M16	1,5 mm	45 mm	24 mm	10 mm	25	6620 016 045
M16	1,5 mm	50 mm	24 mm	10 mm	25	6620 016 050
M16	1,5 mm	55 mm	24 mm	10 mm	50	7719 601 655
M16	1,5 mm	60 mm	24 mm	10 mm	25	6620 016 060
M16	1,5 mm	70 mm	24 mm	10 mm	25	6620 016 070
M16	1,5 mm	80 mm	24 mm	10 mm	25	6620 016 080
M16	1,5 mm	90 mm	24 mm	10 mm	25	7719 601 690
M16	1,5 mm	100 mm	24 mm	10 mm	25	7719 601 610
M16	1,5 mm	120 mm	24 mm	10 mm	25	7719 601 612

Bolt

thread to head, DIN 961, 10.9

Version fine thread, metric
 Material steel
 Surface galvanised



Thread	Gradient	Length	Spanner size	Head height	Packaging unit	Order no.
M12	1,5 mm	25 mm	19 mm	7,5 mm	100	6621 012 025
M12	1,5 mm	30 mm	19 mm	7,5 mm	100	6621 012 030
M12	1,5 mm	35 mm	19 mm	7,5 mm	100	6621 012 035
M12	1,5 mm	40 mm	19 mm	7,5 mm	50	6621 012 040
M12	1,5 mm	45 mm	19 mm	7,5 mm	50	6621 012 045
M12	1,5 mm	50 mm	19 mm	7,5 mm	50	6621 012 050
M14	1,5 mm	30 mm	22 mm	8,8 mm	50	6621 014 030
M14	1,5 mm	40 mm	22 mm	8,8 mm	50	6621 014 040
M14	1,5 mm	45 mm	22 mm	8,8 mm	50	6621 014 045
M14	1,5 mm	50 mm	22 mm	8,8 mm	25	6621 014 050
M14	1,5 mm	55 mm	22 mm	8,8 mm	25	6621 014 055
M16	1,5 mm	30 mm	24 mm	10 mm	25	6621 016 030
M16	1,5 mm	35 mm	24 mm	10 mm	25	6621 016 035
M16	1,5 mm	40 mm	24 mm	10 mm	25	6621 016 040
M16	1,5 mm	45 mm	24 mm	10 mm	25	6621 016 045
M16	1,5 mm	50 mm	24 mm	10 mm	25	6621 016 050
M16	1,5 mm	60 mm	24 mm	10 mm	25	6621 016 060

Countersunk screw with hexagon socket, DIN 7991, ISO 10642, 8.8

Material steel
Surface galvanised



Thread	Length	Spanner size	Head Ø	Packaging unit	Order no.
M6	16 mm	4 mm	12 mm	100	6615 006 016
M6	20 mm	4 mm	12 mm	100	6615 006 020
M6	25 mm	4 mm	12 mm	100	6615 006 025
M6	30 mm	4 mm	12 mm	100	6615 006 030
M6	35 mm	4 mm	12 mm	100	6615 006 035
M6	40 mm	4 mm	12 mm	100	6615 006 040
M6	50 mm	4 mm	12 mm	100	6615 006 050
M6	60 mm	4 mm	12 mm	100	6615 006 060
M8	16 mm	5 mm	16 mm	100	6615 008 016
M8	20 mm	5 mm	16 mm	100	6615 008 020
M8	25 mm	5 mm	16 mm	100	6615 008 025
M8	30 mm	5 mm	16 mm	100	6615 008 030
M8	35 mm	5 mm	16 mm	100	6615 008 035
M8	40 mm	5 mm	16 mm	100	6615 008 040
M8	50 mm	5 mm	16 mm	100	6615 008 050
M8	60 mm	5 mm	16 mm	100	6615 008 060
M8	80 mm	5 mm	16 mm	100	6615 008 080
M10	20 mm	6 mm	20 mm	100	6615 010 020
M10	25 mm	6 mm	20 mm	100	6615 010 025
M10	30 mm	6 mm	20 mm	100	6615 010 030
M10	35 mm	6 mm	20 mm	100	6615 010 035
M10	40 mm	6 mm	20 mm	100	6615 010 040
M10	50 mm	6 mm	20 mm	100	6615 010 050
M10	60 mm	6 mm	20 mm	100	6615 010 060
M10	80 mm	6 mm	20 mm	100	6615 010 080
M12	30 mm	8 mm	24 mm	100	6615 012 030
M12	35 mm	8 mm	24 mm	100	6615 012 035
M12	40 mm	8 mm	24 mm	50	6615 012 040
M12	50 mm	8 mm	24 mm	50	6615 012 050

Drill screw with vanes, DIN 7504

Form O
Version countersunk head and cutting ribs
Material Steel
Surface galvanised

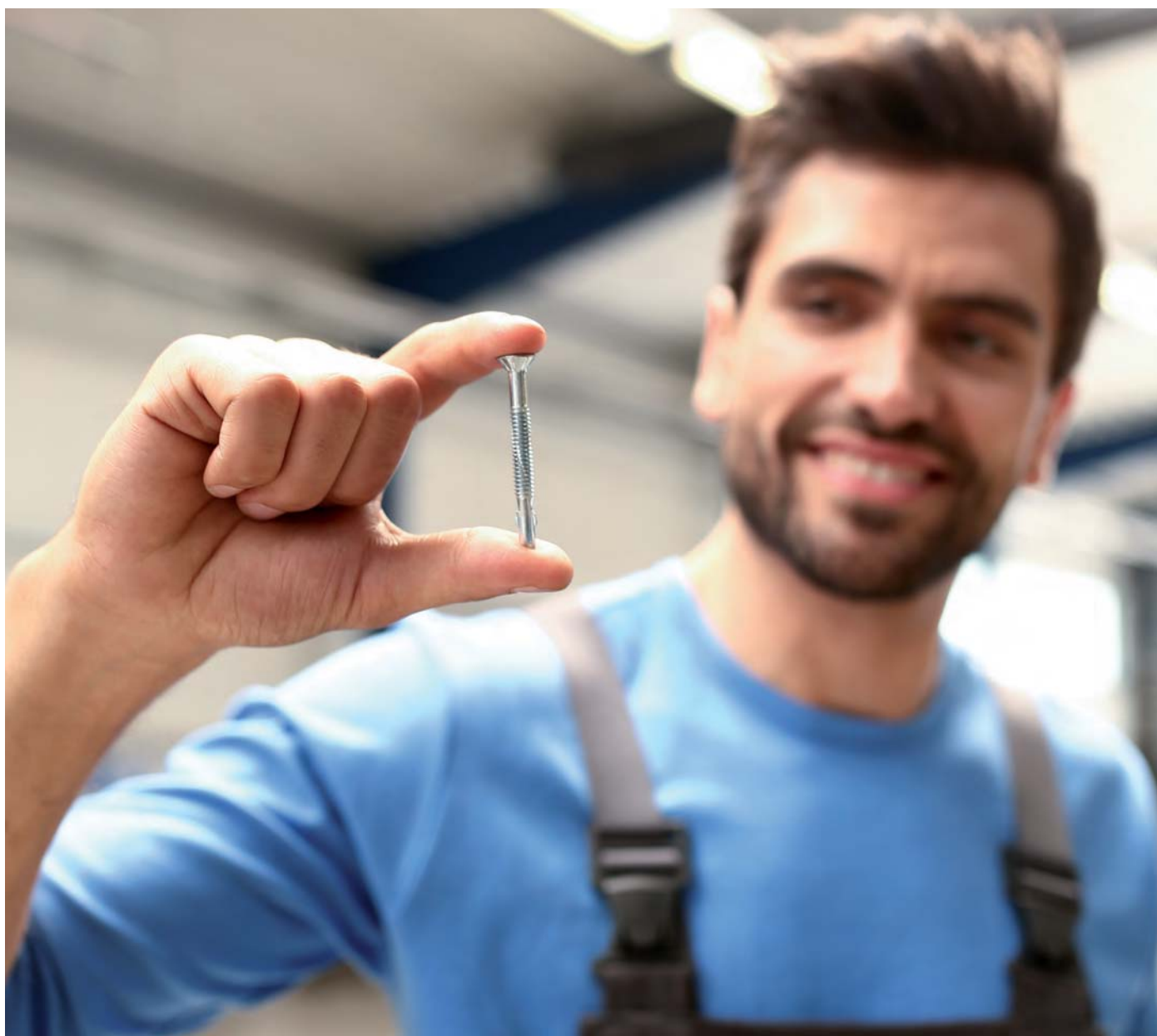
Application range

fixing wood on steel, material thickness of steel up to 6 mm

similar to DIN 7504, inner six-lobe TX drive



Thread	Length	Head $\varnothing$	Head height	Bit size	Packaging unit	Order no.
6.3	50 mm	12,4 mm	3,8 mm	T30	100	6652 063 050
6.3	60 mm	12,4 mm	3,8 mm	T30	100	6652 063 060
6.3	70 mm	12,4 mm	3,8 mm	T30	100	6652 063 070
6.3	80 mm	12,4 mm	3,8 mm	T30	100	6652 063 080

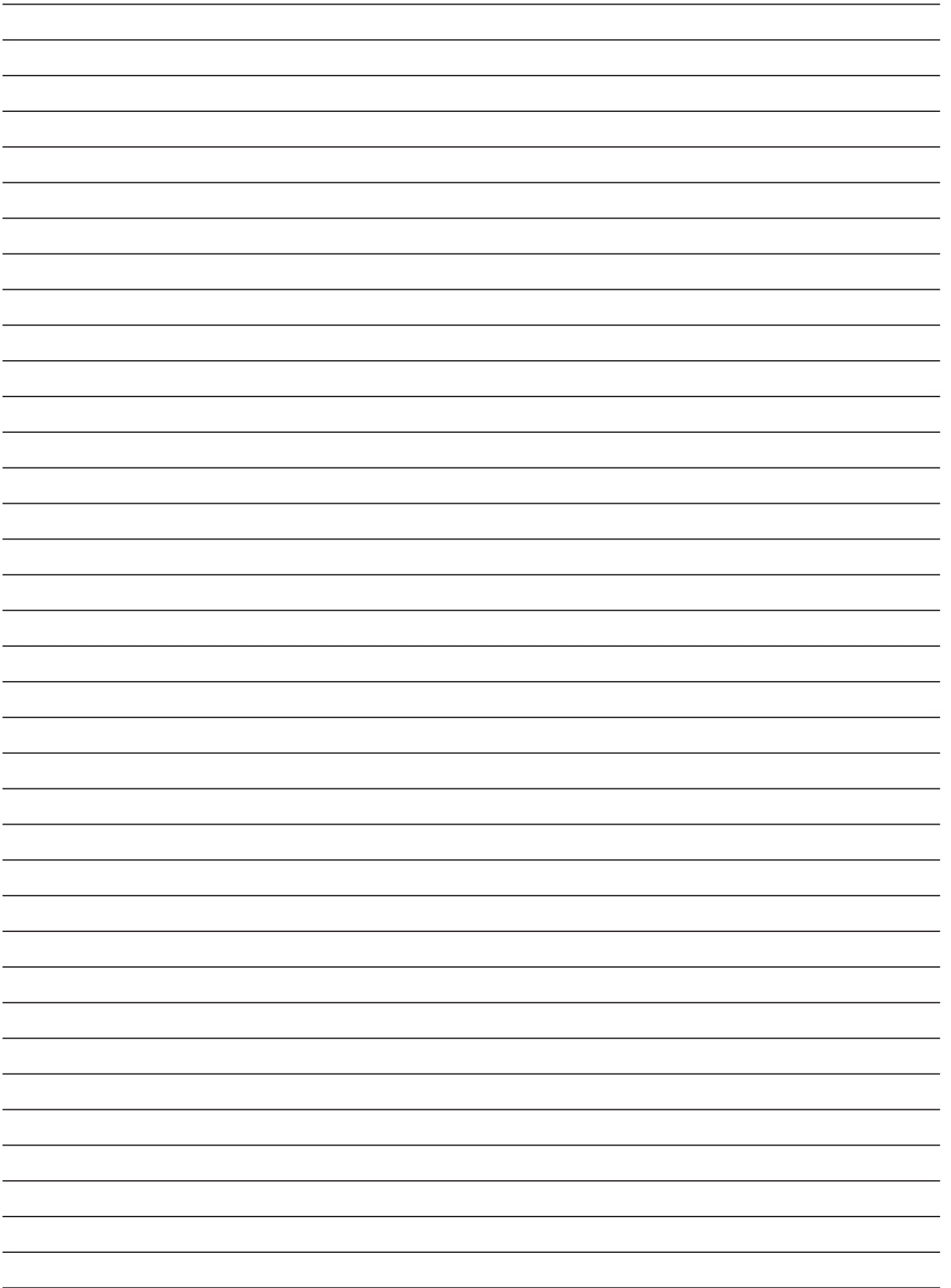


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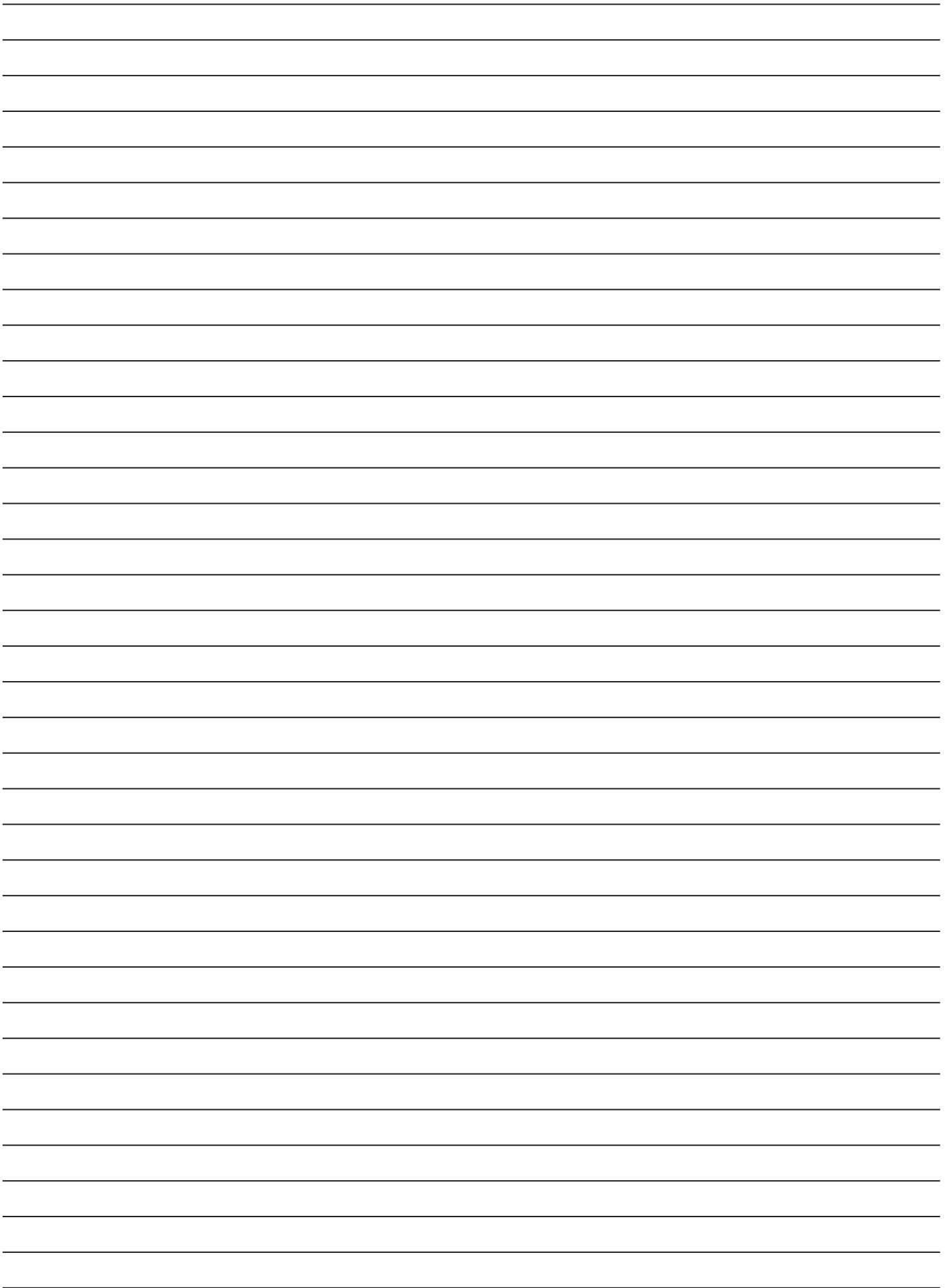
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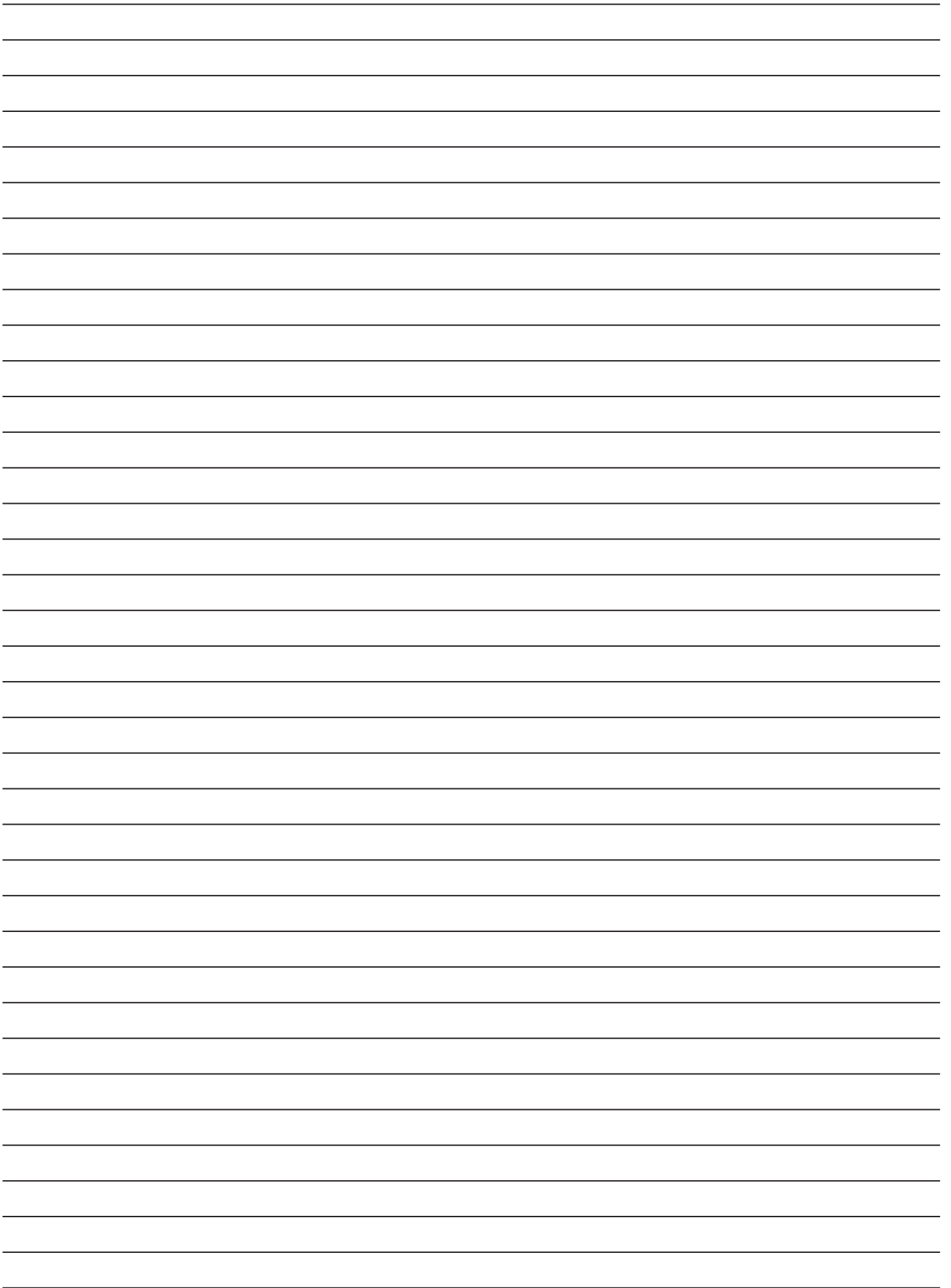
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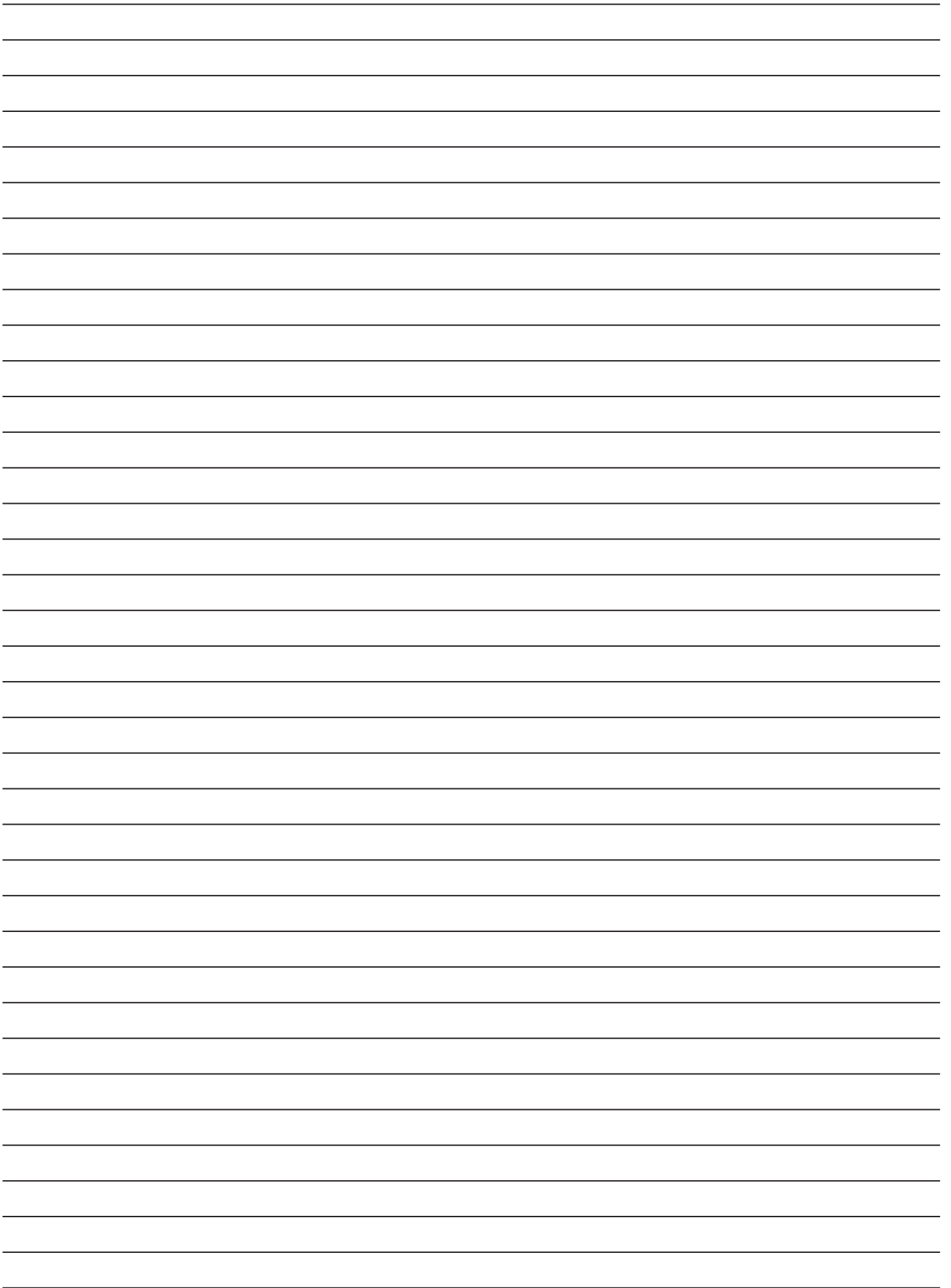






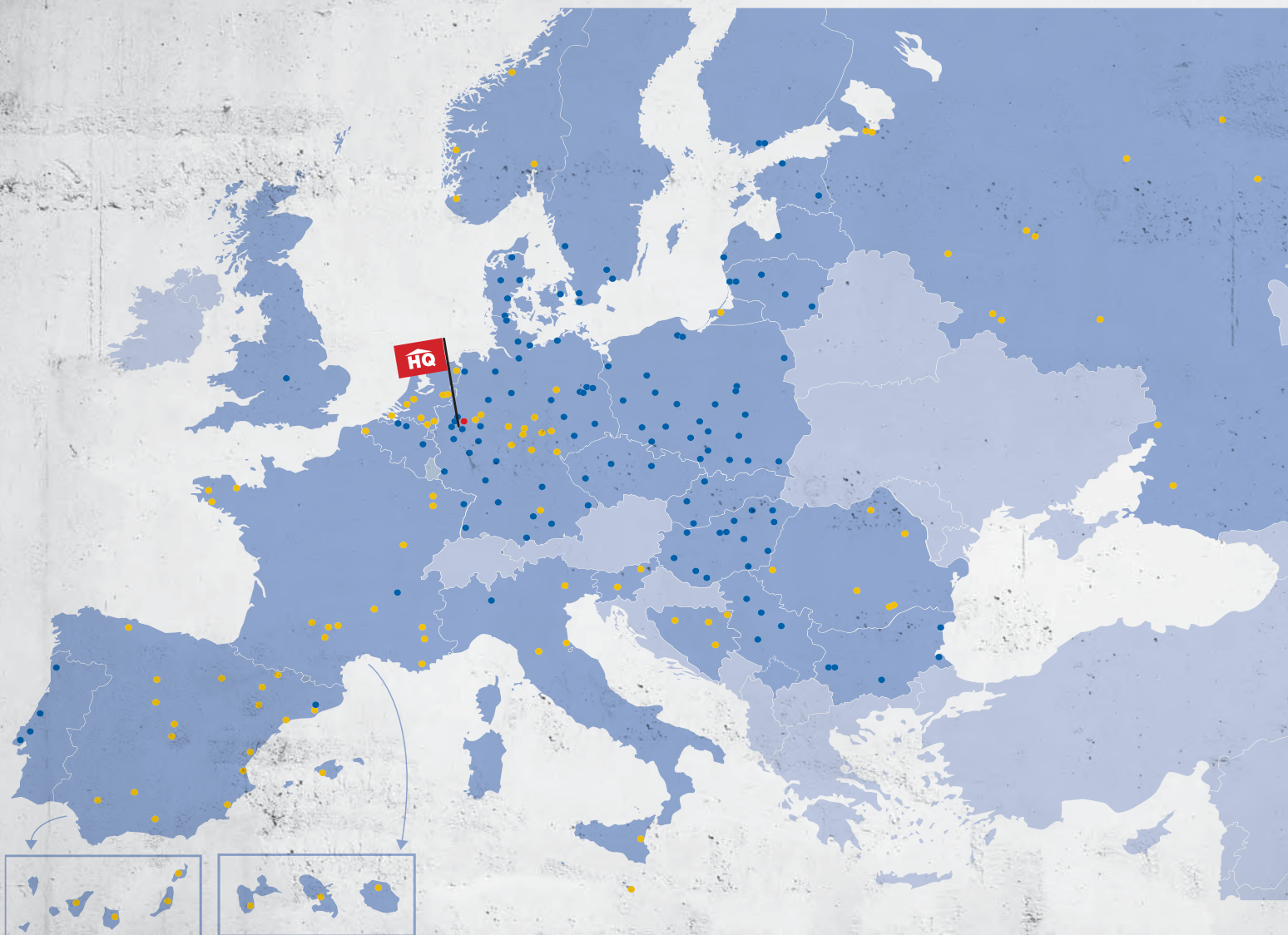






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