

Premium Parts



The EUROPART own-brand range

- Axle and steering parts
- Suspension and damping
- Braking system
- Pneumatic system
- Engine, engine mounting and drive
- Vehicle components
- Vehicle equipment
- Lighting and electrics
- Garage equipment
- Tool technology
- Health and safety
- Chemical products
- Fastening technology



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



- 7,500 EUROPART Premium Parts products in original equipment quality as a low-cost alternative to original spare parts.
- Meticulous selection of producers by sourcing experts, technicians and quality assurance specialists
- Precision and rigorous product testing according to national and international standards
- Quality that convinces:
We grant a **3-year manufacturer's guarantee**
on EUROPART own-brand Premium Parts products



www.europart.net/uk/three

Dear customers,

with our own-brand products, not only do we serve national and international market needs, we also offer our customers an inexpensive alternative to original spare parts in OEM quality.

As such, our EUROPART Premium Parts are a fundamentally important cornerstone of our product range strategy, and we are constantly expanding the product diversity of our truck, trailer, van and bus spare parts.

In addition to all this, we want to make it clear in this catalogue how much value we place on the quality of our own brand. True to our mission statement, we prefer quality over quantity. This is proven not least by our impressive complaint rate of less than 0.01 percent. In addition to our own-brand Premium Parts, we also rely on strong brand partners. This way, we offer our customers a choice: You can choose from a large product portfolio of proven brand products from well-known manufacturers or opt for our own-brand Premium Parts in OEM quality with unbeatable value for money. In doing so, you reap the benefits of the synergies between offers from strong brand partners and the EUROPART Premium Parts range, which takes individual customer needs into account.

This is how we turn our customers into fans and provide the right solutions for national and international customer needs. The brand strategy in detail:

- With EUROPART Premium Parts, we have a high-quality alternative product for repairs based in on the current market value.
- Our extended manufacturer's warranty on all EUROPART Premium Parts products is the answer to safety, durability and reliability.
Premium Parts is a strong brand – guaranteed!
- As a full-range supplier, we first and foremost offer our customers a wide assortment of well-known manufacturer brands.
- We see ourselves as a spare parts consultant and solution provider. This means: EUROPART has the right brand for every customer requirement. Our own brand is a supporting pillar with a strong foundation.

Your EUROPART team

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 ([ewos.net](https://www.ewos.net)).

* 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.

TOTAL COST OF OWNERSHIP

How decision-makers can now put the brakes on costs

Safety regulations alone require you to keep your trucks in first-class condition. You should also try to extend the service life of your vehicles, maintain their value, avoid downtime and, above all, reduce operating costs.

Whereas previously only the pure purchase price was considered, today smart decision-makers calculate with foresight and sustainability in mind: It is simply the total cost of ownership that really counts. The decisive factor is which cost components are incurred throughout the entire operation. This is called "Total Cost of Ownership" or TCO for short.

We make it easy.

Take advantage of your savings potential now in the areas of:

■ Acquisition costs

EUROPART Premium Parts

Certain. Reliable. Long lasting. Innovative. Economic.

Premium Parts are a high-grade alternative with original equipment manufacturer quality. The product range with over 7,500 parts is constantly being supplemented and expanded. Combined with the economic attractiveness for our customers, we thus offer an optimal solution for repairs in line with the current value.

■ Process costs

EWOS – EUROPART Workshop Online System

Order over 400,000 items via Europe's leading EUROPART workshop online system (EWOS)

For bus and commercial vehicle parts. Benefit from our interfaces (OCI) directly to your enterprise resource planning system. Order no matter when, where and how much. The new Tec-Doc VIN search additionally facilitates your parts identification.

Competence Center Workshop Equipment

Expert support for workshop planning, whether it's a conversion, extension or new build. Individual and efficient advice from our Workshop Equipment Competence Centre, taking into account budgetary frameworks, customer wishes and legal requirements. Everything from a single source – personal on-site support, various financing options and first-class service.



Photo by Recha Oktaviani on Unsplash

■ **Downtime costs**

24-hour delivery

Avoid high downtime costs due to long waiting times: With our 24-hour delivery and Over Night Express, you can receive your desired items directly on site, anywhere in Europe!

■ **Maintenance and servicing costs**

Reduce your maintenance costs with our multi-brand diagnostic equipment from TEXA. Of course, we also offer a wide range to complement your existing workshop equipment. Benefit from our direct proximity to the market and our highly concentrated expertise.

EUROPART – The ideal partner for reducing your total cost of ownership.

Our Premium Parts range

EUROPART PREMIUM PARTS – 7,500 good reasons for a repair at fair value



Exhaust

- Add-on parts
- Flex pipes
- Pipes
- Clamps



Equipment & Accessories

- Tachograph discs
- Fire extinguisher cabinets
- Snow chains
- Thermal paper
- Tool boxes
- Wiper blades



Lighting

- Worklights
- Rear lights
- Licence plate lights
- Lamps
- Reversing floodlights
- Rotating beacons
- Side marker and outline marker lights



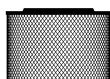
Brakes: Disc brakes

- Brake discs
- Rotational speed sensors for ABS/EBS
- Disc brake linings
- Wear indicators



Electrics

- Adapter cables
- Electrical lines
- Helical cables
- Blade fuses
- Blower motors
- Cable connectors
- Indicator switches
- Starters & generators
- Starter batteries
- Jumper cables
- Plugs & outlets



Filtration

- Hydraulic filters
- Cabin filters
- Fuel filters
- Air filters
- Oil filters



Bodywork

- Gas springs
- Rear aprons
- Stop blocks
- Wings
- Impact buffers
- Dirt pan
- Support winches
- Fuel caps



Cooling

- Radiators
- Coolant expansion tanks
- Coolant hoses
- Coolant thermostats
- Fan clutches
- Water pumps



Brakes: Drum brakes

- Brake shoes
- Brake drums
- Brake chambers
- Rotational speed sensors for ABS/EBS
- Slack adjusters
- Drum brake linings
- Wear indicators



Chemical products

- Adhesive bonding & sealing
- Cleaning/hygiene
- Lubricants
- Maintenance & Servicing
- Winter chemicals



Shock absorbers/ Suspension

- Leaf springs
- Spring clamps
- Air spring bellows
- Screw sets for air bellows
- Shock absorbers



Compressed air

- Compressed air tanks
- Air brake coils



Load-securing

- Non-slip mats
- Container nets
- Edge protection
- Clamping bars
- Load beams
- Round slings
- Lashing straps
- Partition wall locks



Steering/ Suspension

- A-frames
- Coupling bars/connecting rods
- Ball joints/Ball heads
- Torque rods
- Steering bars
- Wheel hubs
- Repair sets A-frames
- Repair sets Torque rods
- Tie rods



Engine parts

- V-belts
- Ribbed V-belts



Workshop/tools

- Health & Safety
- Fastening technology
- Pneumatic tools
- Fork lift trucks
- Hand tools
- Assembly creeper
- Rechargeable powder fire extinguisher
- Trolley jacks
- Tyre inflation cage
- Garage trolley

Service icons



Made in Germany
The seal stands for high quality, the highest safety standards and compliance with strict environmental guidelines.



Available from stock
Hardly any downtime in your daily workshop routine: We have many items from the workshop equipment range available directly from stock.



Own-brand representatives

Our own-brand representatives serve as the face of EUROPART Premium Parts in our Germany-wide distribution network. They bring our own brand closer to our customers and are always there for them as advisors for our products. In a constant exchange with our customers, they are constantly keeping an eye on preferences and trends. With their work, these brand ambassadors play a major role in raising awareness of our brand and winning a loyal customer base.

Quality representatives

Our Europe-wide quality representatives act as the link between our customers and the head office. All concerns and issues relating to parts quality are taken up and dealt with by our technical experts. To achieve this, they are in direct dialogue with our customers and the head office on a daily basis. They provide information for the further development of parts quality and provide support to the central complaints department in the processing of complaints.

They therefore act as an executive body concerned with the implementation of preventive measures to ensure EUROPART's high and pronounced awareness of quality.

Axle and steering parts

Suspension and damping

Braking system

Pneumatic system

Engine, engine mounting and drive

Vehicle components

Vehicle equipment

Lighting and electrics

Garage equipment

Tool technology

Health and safety

Chemical products

Fastening technology



Axle and steering parts

Steering	12–19
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Wheel suspension and bearings	26–27

STEERING AND SUSPENSION

- Production certified to the highest automotive standard (IATF 16949) and continuously monitored by independent institutions
- The use of high-quality materials in original equipment quality, in combination with precision in the manufacturing process guarantees:
 - Stable rubber-metal connections with optimum Shore hardness
 - Use of the state-of-the-art lubricants
 - Weight optimisation using state-of-the-art steel casting technology
 - Durable corrosion protection through the use of the latest coating processes
- Comprehensive range of spare parts from:
 - Track and steering rods
 - Angle and ball joints
 - "A" frames
 - Trailing arms
 - Coupling rods
 - Repair kits
- Optimum absorption of longitudinal and lateral forces for safe road positioning
- Exact wheel guidance as well as perfect absorption of spring and damper forces
- Very low body roll for optimum driving dynamics
- Optimal and at the same time light steering behaviour with a very high fitting accuracy
- Very high vehicle stability with a very high level of driving comfort
- Absolutely maintenance-free with a high level of reliability throughout the entire service life
- Products continuously undergo very strict function and endurance tests
- Wide product range for all standard types of vehicles
- High-quality product markings



Drag-link

This figure corresponds to 9070 001 033

Suitable for	Version	Length	Cone Ø	Pipe Ø	Order no	Comparative no
DAF CF85, CF75, CF65, 65CF	adjustable on one side	867 mm	30 mm	50 mm	9070 326 841	Lemförder 26841 01
DAF LF45	adjustable on one side	889,5 mm	22 mm	38 mm	1325 555 263	Lemförder 34035 01
DAF XF105, XF95, CF85	adjustable on one side	991 mm	30 mm	50 mm	9070 001 033	Lemförder 26826 01
Iveco EuroCargo I/II/III	adjustable on one side	822 mm	26 mm	40 mm	2598 402 544	Lemförder 19339 01
Iveco EuroCargo I/II/III, EuroFire	adjustable on one side	892 mm	30 mm	42 mm	2591 121 338	Lemförder 33416 02
Iveco Stralis I/II/III (Hi-Way), EuroStar, EuroTech, EuroTrakker	adjustable on one side	953 mm	30 mm	52 mm	9070 900 036	Lemförder 19621 01
MAN F2000, F90	adjustable on one side	1040 mm	30 mm	48 mm	9070 900 004	Lemförder 11766 01
MAN L2000	adjustable on one side	825 mm	22 mm	38 mm	9070 900 030	Lemförder 20991 01
MAN L2000	adjustable on one side	826 mm	20 mm	32 mm	9070 900 011	Lemförder 19607 01
MAN TGL	adjustable on one side	835 mm	22 mm	40 mm	9053 732 402	Lemförder 37324 01
MAN TGL (2005-)	adjustable on one side	864 mm	22 mm	38 mm	9073 131 301	Lemförder 31313 01
MAN TGS, TGA	adjustable on both sides	1030 mm	30 mm	40 mm	9070 900 152	Lemförder 34593 01
MAN TGS, TGA	adjustable on one side	1021 mm	30 mm	52 mm	9073 058 501	Lemförder 30585 01
MAN TGX, TGS, TGA	adjustable on one side	993 mm	30 mm	52 mm	9079 994 441	Lemförder 30592 01
MAN TGX, TGS, TGA	adjustable on one side	967 mm	30 mm	52 mm	9070 330 593	Lemförder 30593 01
Mercedes-Benz Actros 1/2/3	adjustable on one side	876 mm	28,6 mm	40 mm	9070 900 039	Lemförder 24244 01
Mercedes-Benz Actros 1/2/3	adjustable on one side	904 mm	32 mm	52 mm	9070 001 024	Lemförder 23470 01
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t), Atego 1	adjustable on one side	895 mm	28,6 mm	36 mm	9070 001 012	Lemförder 25721 01
Mercedes-Benz Actros 1/2/3, Axor 2, Atego 1	adjustable on one side	895 mm	32 mm	36 mm	9070 001 005	Lemförder 27954 01
Mercedes-Benz Actros 1/2/3, Axor 2/3	not adjustable	1095 mm	32 mm	42 mm	9070 001 014	Lemförder 25249 01
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t)	adjustable on one side	879 mm	28,6 mm	36 mm	9070 900 008	Lemförder 24243 01
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t)	adjustable on both sides	733 mm	32 mm	36 mm	9070 001 020	Lemförder 29799 01
Mercedes-Benz Actros 2/3	not adjustable	711 mm	32 mm	42 mm	9072 525 001	Lemförder 25250 01
Mercedes-Benz Actros 2/3, Axor 1/2/3, Atego 1 (18 t)	adjustable on one side	895 mm	28,6 mm	40 mm	9070 001 016	Lemförder 25447 01
Mercedes-Benz Actros 2/3, Axor 2	adjustable on both sides	1281 mm	30 mm	38 mm	9070 324 311	Lemförder 24311 01
Mercedes-Benz Actros 3	adjustable on one side	888 mm	28,6 mm	42 mm	9070 335 331	Lemförder 35331 01
Mercedes-Benz Actros 4, Antos	adjustable on one side	776 mm	28,6 mm	46 mm	9070 900 148	Lemförder 42150 01
Mercedes-Benz Atego 1/2/3	adjustable on one side	894 mm	30/26 mm	50 mm	9070 001 002	Lemförder 25154 01
Mercedes-Benz Atego 1/2/3	adjustable on one side	846 mm	26 mm	42 mm	9070 900 042	Lemförder 24239 01
Mercedes-Benz Atego 1/2/3	adjustable on one side	894 mm	30 mm	50 mm	9070 900 107	Lemförder 25821 01
Mercedes-Benz Atego 1/2/3	adjustable on one side	837 mm	26 mm	40 mm	9070 900 125	Lemförder 24241 01
Mercedes-Benz LK/LN2	adjustable on one side	725 mm	22 mm	36 mm	9070 900 007	Lemförder 11475 01
Renault T-Truck, C-Truck, K-Truck Volvo FH16 III (2012-), FM III (2012-), FMX (2013-)	adjustable on one side	895 mm	28,6 mm	52 mm	9070 900 165	Lemförder 38662 01
Scania R, G, P, 164, 144, 124, 114, 94	not adjustable	601 mm	26 mm	42 mm	9070 325 074	Lemförder 25074 02
Scania R, G, P, 164, 144, 124, 114, 94	adjustable on both sides	495 mm	30 mm	40 mm	9070 321 456	Lemförder 21456 01
Scania R, G, P, T, 164, 144, 124, 114, 94	adjustable on one side	1053 mm	30 mm	50 mm	9070 900 016	Lemförder 14824 02
Volvo FH II (2002-2013), FH12 (1993-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-), FMX II (2013-), FMX I (2010-)	adjustable on one side	863 mm	28,6 mm	52 mm	9070 001 029	Lemförder 37458 01
Volvo FH II (2005), FH16 II (2003-), FM II (2005-), FM12, FM9, FMX I (2010-)	adjustable on one side	563 mm	28,6 mm	46 mm	9070 337 978	Lemförder 37978 01
Volvo FH III (2012-), FH II (2005-), FH12 (1993-), FH16 III (2012-), FH16 II (2003-), FH16 I (1993-), FM III (2012-), FM II (2005-), FM12, FM9 (1998-), FMX II (2013-), FMX I (2010-)	adjustable on one side	885 mm	28,6 mm	50 mm	1325 053 144	Lemförder 38802 01



Drag-link

This figure corresponds to 9070 001 007

Suitable for	Version	Length	Cone Ø	Pipe Ø	Order no	Comparative no
MAN Lion's City (A20/A21/A23/A37), NG (A23), NL (A21), NÜ (A20), HOCL Neoplan Centroliner (N 45XX)	not adjustable	628 mm	30 mm	40 mm	9070 001 007	Lemförder 25629 01
MAN Lion's City (A26/A37/A39), NG (A23), NL (A21), NM, NÜ (A20), HOCL Neoplan Centroliner (N 45XX)	adjustable on one side	1358 mm	30 mm	52 mm	9070 900 134	Lemförder 25630 01
MAN Lion's Coach, Lion's Star	adjustable on both sides	495 mm	30 mm	40 mm	9070 321 456	Lemförder 21456 01
Mercedes-Benz Citaro I (O 530), Cito (O 520), Conecto I (O 345)	not adjustable	928 mm	30 mm	42 mm	9070 001 023	Lemförder 22077 01
Mercedes-Benz Citaro I (O 530), Conecto I (O 345)	adjustable on one side	1271 mm	30 mm	60 mm	9070 322 078	Lemförder 37680 01
Mercedes-Benz O 814, O 817	adjustable on one side	725 mm	22 mm	36 mm	9070 900 007	Lemförder 11475 01



Drag-link

Installation location drop arm to the 1st front axle
 Version adjustable on one side
 Length 504 mm
 Pipe Ø 34 mm
 Cone Ø 22 mm

Scope of supply with accessories

Suitable for	Order no	Comparative no
Mercedes-Benz Vario, 09/1996-	9070 001 006	Lemförder 24911 01



Steering track rod

This figure corresponds to 9070 900 046

Suitable for	Version	Length	Cone ∅	Pipe ∅	Order no	Comparative no
DAF XF Euro 6, XF105, XF95, CF85, CF75, CF65	adjustable on both sides	1690 mm	30 mm	40 mm	9073 398 001	Lemförder 33980 01
Iveco EuroCargo I/II/III	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	adjustable on both sides	1641 mm	30 mm	48 mm	9079 921 285	Lemförder 21285 01
MAN L2000	adjustable on both sides	1645 mm	20 mm	30 mm	9070 900 027	Lemförder 20889 01
MAN L2000, M2000L	adjustable on both sides	1620 mm	22 mm	36 mm	9070 900 052	Lemförder 21014 01
MAN TGL	adjustable on both sides	1632 mm	22 mm	42 mm	9070 334 596	Lemförder 34596 01
MAN TGM, TGL	adjustable on both sides	1632 mm	22 mm	38 mm	9073 188 201	Lemförder 31882 01
MAN TGS, TGA, TGM, F2000, M2000L/M, L2000, F90, M90	adjustable on one side	1588 mm	30 mm	52 mm	9070 900 056	Lemförder 11770 01
MAN TGX, TGS, TGA, E2000, F2000, M2000L/M, F90, M90	adjustable on both sides	1652 mm	30 mm	50 mm	9070 900 017	Lemförder 11768 01
MAN TGX, TGS, TGA, TGM, F2000, M2000L	adjustable on both sides	1530 mm	30 mm	50 mm	9070 304 425	Lemförder 25276 01
MAN TGX, TGS, TGS, TGA, TGM, M2000	adjustable on one side	1679 mm	30 mm	52 mm	9079 925 212	Lemförder 42583 01
Mercedes-Benz Actros 1/2, Atego 1, Axor 2	adjustable on one side	1588 mm	30 mm	58 mm	9070 900 111	Lemförder 23997 01
Mercedes-Benz Actros 1/2/3, Arocs, Axor 2, Atego 1 (18 t), Zetros	adjustable on one side	1588 mm	38 mm	60 mm	9079 920 430	Lemförder 20430 01
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t), Atego 1	adjustable on both sides	1735 mm	32 mm	50 mm	9070 900 013	Lemförder 23988 01
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t), Atego 1, Econic 1	adjustable on one side	1735 mm	32 mm	52 mm	9070 001 410	Lemförder 37332 01
Mercedes-Benz Actros 1/2/3, Axor 2	adjustable on both sides	1596 mm	32 mm	50 mm	9070 323 994	Lemförder 23994 01
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 1, Econic 1	adjustable on both sides	1625 mm	32 mm	52 mm	9070 900 161	Lemförder 23992 01
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Econic 1	adjustable on one side	1735 mm	32 mm	62 mm	9079 921 411	Lemförder 37329 01
Mercedes-Benz Actros 4, Antos, Econic II	adjustable on one side	1685 mm	32 mm	52 mm	9070 900 158	Lemförder 37257 01
Mercedes-Benz Actros 4, Arocs, Antos	adjustable on one side	1685 mm	32 mm	50 mm	9070 900 157	Lemförder 37258 01
Mercedes-Benz Atego 1/2/3/4	adjustable on both sides	1640 mm	26 mm	40 mm	9070 900 046	Lemförder 23977 01
Mercedes-Benz Atego 1/2/3/4 Volvo FL6	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
Mercedes-Benz SK, MK, NG, LK/LN2	adjustable on both sides	1620 mm	30 mm	50 mm	9070 900 031	Lemförder 11439 01
Renault C-Truck, Premium II Volvo FE I/II	adjustable on one side	1686 mm	30 mm	60 mm	9073 722 901	Lemförder 37229 01
Renault Magnum II/III, Premium II, C-Truck (2013-) Volvo FE II (2012-), FE I (2006-)	adjustable on one side	1726 mm	30 mm	60 mm	9070 337 228	Lemförder 37228 01
Renault Midlum I Scania R, G, P, T, 164, 144, 124, 114, 94	adjustable on both sides	1736 mm	30 mm	40 mm	9070 900 079	Lemförder 19866 01
Renault T-Truck (2013-), C-Truck (2013-), K-Truck (2013-) Volvo FH III (2013-), FH II (2005-), FH16 I (1993-), FH12 (1993-), FM II (2005-), FM12 (1998-), FMX II (2013-), FMX I (2010-)	adjustable on both sides	1668 mm	32 mm	42 mm	9070 334 528	Lemförder 38669 01
Scania R, G, P, T, 164, 144, 124, 114, 94	adjustable on one side	1743 mm	30 mm	62 mm	9070 900 022	Lemförder 37547 01
Scania R, G, P, T, 164, 144, 124, 114, 94	adjustable on one side	1743 mm	30 mm	50 mm	9070 900 010	Lemförder 37247 01
Volvo FH II (2002-2013), FH16, FH12 (1993-), FM II (2002-2006), FM12, FM10, FM9, FM7 (1999-), FL6 (2000-2006)	adjustable on one side	1634 mm	28,6 mm	50 mm	9072 676 477	Lemförder 37223 01
Volvo FH II (2005-), FH16, FH12 (1993-), FM III (2012-), FM II (2001-), FM12, FM9	adjustable on one side	1818 mm	32 mm	52 mm	9070 900 156	Lemförder 37234 01
Volvo FH II (2006-2013), FH16, FH12 (1993-), FM II (2006-2013); FM12, FM9, FMX II (2013-)	adjustable on one side	1660 mm	32 mm	60 mm	9173 195 601	Lemförder 37227 01



Steering track rod

Installation location front axle

This figure corresponds to 9070 333 050

Suitable for	Version	Length	Cone ∅	Pipe ∅	Order no	Comparative no
Irizar PB	adjustable on both sides	1641 mm	30 mm	48 mm	9079 921 285	Lemförder 21285 01
MAN Lion's Coach (R08/R09), Lion's Regio (R13), Lion's Star Neoplan Tourliner (N 2216), Trendliner (N 3516/3)	adjustable on one side	1588 mm	30 mm	52 mm	9070 900 056	Lemförder 11770 01
Mercedes-Benz CapaCity, Citaro II/C2 (O 530) Setra S 415 NF	not adjustable	566 mm	30 mm	36 mm	9070 333 050	Lemförder 33305 01
Mercedes-Benz Citaro I (O 530), Conecto I (O 345), Touro (O 500)	adjustable on one side	1733 mm	26 mm	62 mm	9070 900 135	Lemförder 37679 01
Scania K94/114/124/230/270/280/310/320/340/360/380/400/420/440/470/ 440, L94, N94, Irizar PB, Citywide, OmniCity, OmniExpress, OmniLink, Touring	adjustable on one side	1743 mm	30 mm	62 mm	9070 900 022	Lemförder 37547 01
Setra S 309/312/315 HD, S 315 HDH/2, S 315/317 HDH/3, S 315 GT, S 315/317/319 GT-HD, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL	adjustable on one side	680 mm	30 mm	40 mm	9070 001 018	Lemförder 19616 01



Steering track rod

This figure corresponds to 9070 001 015

Suitable for	Version	Length	Cone ∅	Pipe ∅	Order no	Comparative no
Mercedes-Benz Sprinter (901, 902, 903, 904), 02/1995- 05/2006 VW LT II, 05/1996-07/2006	without track-rod end				* 9070 001 015	Mercedes-Benz 901 460 02 05 VW 2D0 422 803
Mercedes-Benz T2/LN1, Vario	adjustable on both sides	1594 mm	22 mm	36 mm	9070 900 048	Mercedes-Benz 670 330 02 03

* not for rim size 16"



Angleball joint for drag link/trac rod

This figure corresponds to 9070 900 123

Suitable for	Length	Cone \varnothing	Thread	Thread type	Order no	Comparative no
DAF LF55 MAN TGX, TGS, TGA, TGM, TGL Renault Magnum III, Premium II Scania R, G, P, 144, 124, 114, 94 Volvo FE I (2006-)	150 mm	30 mm	M30 x 1,5	right-hand thread	9070 900 099	Lemförder 21440 01
DAF XF Euro 6 (2012-), XF105, CF Euro 6 (2013-), CF85 (2006-), CF65 (2006-) Iveco Stralis I/II/III (Hi-Way), EuroCargo I/II, EuroTech, Trakker III (Hi-Land) MAN TGS, TGA, TGM Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 1/2/3/4 Renault Premium II Scania R, G, P, T, 164, 144, 124, 114, 94 Volvo FE II (2013-), FE I (2010-2012), FL III (2013-), FL II (2010-2012), FL6 (2000-2002)	120 mm	30 mm	M30 x 1,5	left-hand thread	9070 900 123	Lemförder 11492 03
DAF XF Euro 6 (2012-), XF105, CF Euro 6 (2013-), CF85, CF65 (2006-) Iveco Stralis I/II/III (Hi-Way), EuroCargo I/II, EuroStar, EuroTech, EuroTrakker, Trakker III (Hi-Land) MAN TGX (2013-), TGS, TGA, TGM Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 1/2/3/4 Renault Premium II Scania R, G, P, T 164, 144, 124, 114, 94 Volvo FE II (2013-), FE I (2010-2012), FL III (2013-), FL II (2010-2012), FL6 (2000-2002)	120 mm	30 mm	M30 x 1,5	right-hand thread	9070 900 117	Lemförder 11505 03
DAF XF105, XF95, 95XF, CF85, CF75, 85CF, 75CF Iveco EuroCargo I/II/III MAN M2000, M90 Mercedes-Benz Atego 1/2/3/4, SK, MK, LK/LN2, NG Renault Midlum I/II	115 mm	26 mm	M30 x 1,5	left-hand thread	9070 900 005	Lemförder 11403 02
DAF XF105, XF95, 95XF, CF85, CF75, 85CF, 75CF Iveco EuroCargo I/II/III MAN TGM, TGL, F2000, M2000L, L2000, M90, G90 Mercedes-Benz Actros 3, Axor 2/3, Atego 1/2/3/4 Renault Midlum I/II	115 mm	26 mm	M30 x 1,5	right-hand thread	9070 900 003	Lemförder 11402 02
Iveco MK, P/PA, Zeta MAN TGL (2008-), TGL, M2000L, L2000, G90 Mercedes-Benz SK, LK/LN2, NG Renault Midliner M Volvo FL	105 mm	22 mm	M28 x 1,5	right-hand thread	9070 900 002	Lemförder 11378 03
Iveco P/PA, Zeta MAN TGL, M2000L, L2000, G90 Mercedes-Benz LK/LN2, NG	105 mm	22 mm	M28 x 1,5	left-hand thread	9070 900 006	Lemförder 11379 03
Iveco Stralis I/II, EuroStar, EuroTech, Trakker III MAN E2000, F2000, F90	80 mm	30 mm	M26 x 1,5	right-hand thread	9070 900 069	Lemförder 21075 01
Iveco Stralis I/II, EuroStar, EuroTech MAN TGX, TGS, TGA, F2000 Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 1/2/3 Renault Premium I Scania R, G, P, 164, 144, 124, 114, 94	75 mm	30 mm	M26 x 1,5	right-hand thread	9073 377 202	Lemförder 38273 01
Iveco Stralis I/II, EuroStar, EuroTech Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 1/2/3 Renault Premium I Scania R, G, P, 164, 144, 124, 114, 94	90 mm	30 mm	M26 x 1,5	right-hand thread	9070 900 133	Lemförder 38272 01
Mercedes-Benz Actros 1/2	135 mm	38 mm	M38 x 1,5	right-hand thread	9070 900 130	Lemförder 19615 01
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), SK Renault Kerax I	75 mm	32 mm	M26 x 1,5	right-hand thread	9073 339 700	Lemförder 33397 01
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 2 Scania R, G, P, 164, 144, 124, 114, 94 Volvo FH II (2002-2013), FH12 (1993-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-), FL10	95 mm	30 mm	M26 x 1,5	right-hand thread	9070 900 061	Lemförder 19537 01
Mercedes-Benz Actros 1/2/3/4, Arocs, Antos, Axor 1/2/3, Atego 1 (18 t), Atego 1 Volvo FH16 II (2003-)	115 mm	28,6 mm	M30 x 1,5	right-hand thread	9079 927 623	Lemförder 27623 01
Mercedes-Benz Actros 1/2/3/4, Arocs, Antos, Axor 1/2/3, Atego 1 (18 t), Atego 1/2/3, Econic 1/2	120 mm	32 mm	M30 x 1,5	left-hand thread	9070 900 045	Lemförder 12280 04
Mercedes-Benz Actros 1/2/3/4, Arocs, Antos, Axor 1/2/3, Atego 1 (18 t), Atego 1/2/3, Econic 1/2	120 mm	32 mm	M30 x 1,5	right-hand thread	9070 900 015	Lemförder 11394 04
Scania R, G, P, T, 164, 144, 124, 114, 94	141 mm	30 mm	M30 x 1,5	right-hand thread	9072 535 301	Lemförder 25353 01
Volvo FH II (2002-2011), FH12 (1993-), FM II (2002-2006), FM12, FM10, FM9, FM7 (1999-), FL12, FL10, FL7, FL6	120 mm	28,6 mm	M30 x 1,5	right-hand thread	9070 311 946	Lemförder 11946 02
Volvo FH II (2006-2013), FM II (2006-2013)	135 mm	32 mm	M30 x 1,5	left-hand thread	9070 900 141	Lemförder 31961 01
Volvo FH II (2006-2013), FM II (2006-2013)	135 mm	32 mm	M30 x 1,5	right-hand thread	9070 900 140	Lemförder 34527 01



Angleball joint for drag link/trac rod

This figure corresponds to 9070 900 005

Suitable for	Length	Cone Ø	Thread	Thread type	Order no	Comparative no
Fast Scoler III Heuliez GX 317 Irisbus Arès, Arway, Axer, Citelis, Eurorider, Evadys, Iliade, Récréo Iveco CityClass MAN Lion's City (A21/A37), Lion's Coach (R07/R08/R09), Lion's Regio (R12/R13), NL (A10), NÜ (A20) Mercedes-Benz 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 F93/94/114/230/270/310, K93/94/114/124/113/360/380, L94/113, N113 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 NF, S 415/417/419 UL Solaris Urbino III VDL Bova Futura, Bova Magiq	120 mm	30 mm	M30 x 1,5	right-hand thread	9070 900 117	Lemförder 11505 03
Heuliez GX 117, 127, 317, 427 Irisbus Agora, Arès, Arway, Axer, Citelis, Evadys, Iliade, Magelys, Récréo MAN Lion's Classic Ü (A72), NG (A11), NL (A10/A15) Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345), O 405 N, O 407, O 408, Tourino (O 510) Setra S 415 NF Solaris Urbino III Temsa Avenue LF	115 mm	26 mm	M30 x 1,5	right-hand thread	9070 900 003	Lemförder 11402 02
Heuliez GX 217 Volvo B7L, B7R, B9R, B9TL, B10B, B10M, B12B, B12R, B13R	120 mm	28,6 mm	M30 x 1,5	right-hand thread	9070 311 946	Lemförder 11946 02
Irisbus Arès, Arway, Axer, Evadys, Iliade, Magelys, Récréo MAN EM, NM Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345), O 405 N, Tourino (O 510) Setra S 415 NF Solaris Urbino III Temsa Avenue LF	115 mm	26 mm	M30 x 1,5	left-hand thread	9070 900 005	Lemförder 11403 02
Irisbus Arès, Magelys Irizar PB 14.6 Mercedes-Benz Integro II (O 550), Travego I (O 580) Scania Irizar PB 12.92 Setra S 415/416/417 HDH, S 431 DT, S 416/417 GT-HD	75 mm	30 mm	M26 x 1,5	right-hand thread	9073 377 202	Lemförder 38273 01
Irisbus Arway, Axer, Citelis, Récréo MAN Lion's Coach (R07/R08/R09), Lion's Regio (R12/R13), NL (A10), NÜ (A20) Mercedes-Benz 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 CK400, CL94, CN94, F93/94/113/114/230/250/270/310/360, K93/94/113/114/124/270/280/310/320/340/360/380/400/410/420/440/450/460/470/480/490, L94/113, N94/113 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	120 mm	30 mm	M30 x 1,5	left-hand thread	9070 900 123	Lemförder 11492 03
Irizar PB14 MAN Lion's City (A26/A39) Mercedes-Benz Integro II (O 550), Turismo I (O 350), Travego I (O 580) Setra S 415/417 HDH, S 431 DT, S 416/417/419 GT-HD, S 417/419 UL	90 mm	30 mm	M26 x 1,5	right-hand thread	9070 900 133	Lemförder 38272 01
Scania K94/114/124/360, L94	150 mm	30 mm	M30 x 1,5	right-hand thread	9070 900 099	Lemförder 21440 01
Setra S 315/319 NF, S 431 DT	120 mm	32 mm	M30 x 1,5	right-hand thread	9070 900 015	Lemförder 11394 04
Volvo B13R	115 mm	28,6 mm	M30 x 1,5	right-hand thread	9079 927 623	Lemförder 27623 01



Angleball joint for steering rod/tracking rod

Cone \varnothing 38 mm

This figure corresponds to 9070 000 126

Suitable for	Length	Thread	Thread type	Order no	Comparative no
BPW, SAF, Kässbohrer	135 mm	M38 x 1,5	left-hand thread	9070 000 126	Lemförder 19614 01
Doll, Noteboom	165 mm	M48 x 1,5	left-hand thread	9070 900 143	Lemförder 11623 01
Doll, Noteboom	165 mm	M48 x 1,5	right-hand thread	9070 900 142	Lemförder 11624 01



Ball joint for track rod

Installation location front axle
Installation side left/right

This figure corresponds to 9071 163 702

Suitable for	Length	Cone \varnothing	Inner thread	Order no	Comparative no
Iveco Daily, 01/1978 Daily, 01/1989-	80 mm		M16 x 1,5	9071 163 702	Iveco 503642467
Iveco Daily, 05/1999- Daily, 05/2006- Daily, 09/2011-	80 mm	20 mm	M14 x 1,5	9072 281 701	Iveco 42534911
Mercedes-Benz Sprinter I (901, 902, 903, 904), 02/1995-05/2006 Sprinter Classic (909), 2013- VW LT II, 05/1996-07/2006	88 mm		M16 x 1,5	9070 900 020	Mercedes-Benz 901 460 01 48 VW 2D0 422 811



Steering damper

Installation location air-suspended axle
Version twin-tube system
Fastening eye/eye
Length 560 mm

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



Working cylinder

 \varnothing 85,5 mm
Cone \varnothing 32 mm
Length 720-920 mmApplication range
Power steering

Suitable for	Order no	Comparative no
Mercedes-Benz Actros 1/2/3, Axor 1	9474 663 492	Mercedes-Benz 000 466 34 92



Trailing arm

Version not adjustable

This figure corresponds to 9072 050 001

Suitable for	Length	Pipe Ø	Distance betw. holes	Order no	Comparative no
DAF XF Euro 6, XF105, XF95, CF85, CF75	390 mm	48 mm	130/150 mm	9072 050 001	Lemförder 20500 01
DAF XF Euro 6, XF105, XF95, 95XF, CF85, CF75, 75CF, 65CF, LF55	611 mm	48 mm	130/130 mm	9070 900 150	Lemförder 35506 01
Iveco Stralis I, EuroCargo I/II/III, EuroStar, EuroTech, EuroTrakker, Trakker I	594 mm	46 mm	130/130 mm	9071 173 202	Lemförder 42657 01
MAN TGA, E2000, F2000	577 mm	48 mm	130/130 mm	9070 900 144	Lemförder 11757 02
MAN TGX, TGS, TGA	572 mm	48 mm	130/130 mm	9070 001 030	Lemförder 37818 01
MAN TGX, TGA	531 mm	48 mm	130/130 mm	9072 578 001	Lemförder 25780 01
MAN TGX, TGS, TGA	414 mm	50 mm	130/130 mm	9070 278 460	Lemförder 27846 01
Mercedes-Benz Actros 2/3, Arocs, Axor 1/2/3, Atego 1 (18 t), Atego 1/2/3/4	565 mm	52 mm	152/152 mm	9072 946 101	Lemförder 29461 01
Renault C-Truck Volvo FH II (2002-2013), FH12 (1993-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-), FL6 (2000-2002)	625 mm	46 mm	115/115 mm	9070 334 680	Lemförder 34680 01



Trailing arm

Version not adjustable

This figure corresponds to 9073 136 601

Suitable for	Length	Pipe Ø	Distance betw. holes	Order no	Comparative no
Irizar PB15, PB14.6 (2009-) MAN Lion's Coach (R07/R08), HOCL (A67/A69/R37) Neoplan Centroliner (N 4421), Cityliner (N 1216), Tourliner (N 2216), Trendliner (N 3516)	622 mm	48 mm	130/130 mm	9073 136 601	Lemförder 31366 01
MAN Lion's City (A20/A21/A23/A37), NG (A23), NL (A21), NÜ (A20) Neoplan Centroliner (N 45XX)	413 mm	36 mm	80/80 mm	9070 001 004	Lemförder 38317 01
MAN Lion's City (A20/A21/A23/A37/A47), NG (A23), NL (A21), NÜ (A20) Neoplan Centroliner (N 45XX)	614 mm	48 mm	130/130 mm	9070 007 101	Lemförder 26018 01
MAN Lion's City (A66), Lion's Coach (R07/R08/R09), Lion's Regio (R12/R13), Lion's Star (R02/R03), ÜL Neoplan Cityliner (N 12XX), Tourliner (N 2216), Trendliner (N 3516)	330 mm	36 mm	80/80 mm	9070 326 648	Lemförder 26648 01
MAN HOCL	644 mm	50 mm	130/102 mm	9072 556 501	Lemförder 25565 01
MAN Lion's City (A21/A23/A26/A37/A39), NM, NÜ (A20) Neoplan Centroliner (N 4516)	531 mm	48 mm	130/130 mm	9072 578 001	Lemförder 25780 01
Mercedes-Benz CapaCity (O 530 GL), Citaro I (O 530), Conecto I (O 345), Integro II (O 550), Turismo I (O 350), Travego I (O 580) Setra S 415/416/417 HDH, S 431 DT, S 416/417/419 GT-HD, S 415/416 NF, S 417/419 UL	576 mm	46 mm	130/130 mm	9070 336 896	Lemförder 36896 01
Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345), Travego I (O 580) Setra S 417 HDH, S 431 DT, S 416/417 GT-HD, S 415 NF	664 mm	46 mm	130/130 mm	9070 001 017	Lemförder 37158 01
Mercedes-Benz Integro II (O 550), Intouro I/II (O 560), Turismo II, Travego I/II (O 580) Setra S 315 UL, S 411/415 HD, S 416/417 HDH, S 415/416/417 GT-HD, S 415/417/419 UL	628 mm	46 mm	130/130 mm	9070 001 027	Lemförder 36895 01
Volvo B6, B7R, B9R, B12B, B12M	625 mm	46 mm	115/115 mm	9070 334 680	Lemförder 34680 01



A-frame

Installation location rear axle

This figure corresponds to 9070 001 021

Suitable for	Length	Pipe \varnothing	Distance betw. holes	Bore hole \varnothing	Order no	Comparative no
DAF XF Euro 6, XF105, XF95, 95XF, CF85, CF75, 75CF, 65CF, LF55	609 mm	48 mm	152/152 mm	23/23 mm	9070 900 163	Lemförder 34980 01
Iveco Stralis II AD/AS, EuroStar, EuroTech, EuroTrakker, Trakker I/II	665 mm	46 mm	130/130 mm	21/21 mm	9071 171 501	Lemförder 11715 01
MAN TGX, TGS, TGA	627 mm	46 mm	152/130/130 mm	25/23/23 mm	9070 900 137	Lemförder 37822 01
Mercedes-Benz Actros 1/2/3, Arocs, Antos, Axor 1/2/3, Atego 1 (18 t), Atego 1, Econic 1	622 mm	46 mm	152/130/130 mm	25/25/25 mm	9070 001 021	Lemförder 21168 01
Mercedes-Benz Actros 1/2/3, Arocs, Axor 1/2/3, Atego 1 (18 t)	622 mm	46 mm	152/130/130 mm	25/25/25 mm	9070 001 022	Lemförder 23069 02
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 1, Econic 1	622 mm	46 mm	152/130/130 mm	23/23/25 mm	9072 306 501	Lemförder 23065 01
Mercedes-Benz Actros 1/2/3/4, Arocs, Antos, Axor 1/2/3, Atego 1, Econic 2	622 mm	46 mm	152/130/130 mm	25/23/23 mm	9070 001 009	Lemförder 31887 01
Mercedes-Benz Actros 2/3, Axor 2, Arocs, Atego 1	622 mm	46 mm	152/130/130 mm	25/25/25 mm	9070 900 168	Lemförder 34362 01
Renault Premium II, D-Truck, C-Truck, Kerax II Volvo FH III (2013-), FH II (2002-2013), FH12 (1993-), FM III (2013-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-), FE II (2013-), FE I (2012), FL6 (2000-2002), FMX II, FMX I	662,4 mm	48 mm	115/115 mm	19/19 mm	9070 326 058	Lemförder 26058 01



Transverse link for wheel suspension

This figure corresponds to 9073 330 202

Suitable for	Length	Pipe \varnothing	Order no	Comparative no
MAN TGL, L2000	840 mm	50 mm	9070 900 149	Lemförder 23194 01
Mercedes-Benz Citaro II/C2 (O 530) Setra S 417 HDH, S 431 DT, S 416/417 GT-HD, S 415 NF, S 519 HD, S 516 HDH	280,5 mm		9073 330 202	Lemförder 33302 02



Stabiliser

Version not adjustable

This figure corresponds to 9074 452 350

Suitable for	Length	Pipe \varnothing	Cone \varnothing	Order no	Comparative no
MAN TGX, TGS, TGA	430 mm	31 mm		5257 186 824	MAN 81.43718-6824
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t), Atego 1, Eonic	420 mm			9070 900 162	Mercedes-Benz 943 323 01 11
Renault T-Truck Volvo FH III (2013-), FH II (2002-2013), FH12 (1993-), FM III (2013-), FM II (2007-2013), FM12, FM10, FM9, FM7 (1999-), FMX II (2013-)	340 mm	30 mm	22 mm	9070 900 167	Lemförder 42484 01
Renault T-Truck, C-Truck, K-Truck Volvo FH III (2013-), FH II (2002-2013), FH12 (1993-), FM III (2013-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-), FMX II (2013-), FMX I (2010-)	325 mm	30 mm	22 mm	6170 003 013	Lemförder 34604 01
Volvo FH II (2002-2007), FH16 II (2002-2006), FH12, FH16 I (1993-), FM II (2002-2009), FM12, FM10, FM9, FM7 (1999-)	435 mm	36 mm	28,6 mm	9074 452 350	Lemförder 30595 01
Volvo FH II (2002-2009), FH12 (1993-), FM II (2002-2009), FM12, FM10, FM9, FM7 (1999-), FL6 (2000-2002), FMX II (2013-), FMX I (2010-)	380 mm	36 mm	28,6 mm	9073 118 200	Lemförder 31182 01
Volvo FH III (05/2012-), FH16 III (05/2012-), FM III (04/2012-), FMX II (2013-), FMX I (2010-)	443 mm	38 mm	32 mm	6181 209 705	Lemförder 37707 01
Volvo FH III (2013-), FH II (2005-), FH12 (1993-), FH16 III (2012-), FH16 II (2003-), FM III (2012-), FM II (2005-), FMX II (2013-), FMX I (2010-)	435 mm	36 mm	32 mm	9070 336 692	Lemförder 36692 01
Volvo FH III (2013-), FH II (2007-2013), FM III (2013-), FM II (2007-2013), FMX II (2013-), FMX I (2010-)	380 mm	36 mm	32 mm	9073 669 301	Lemförder 36693 01



Stabiliser

Version not adjustable

This figure corresponds to 9070 001 037

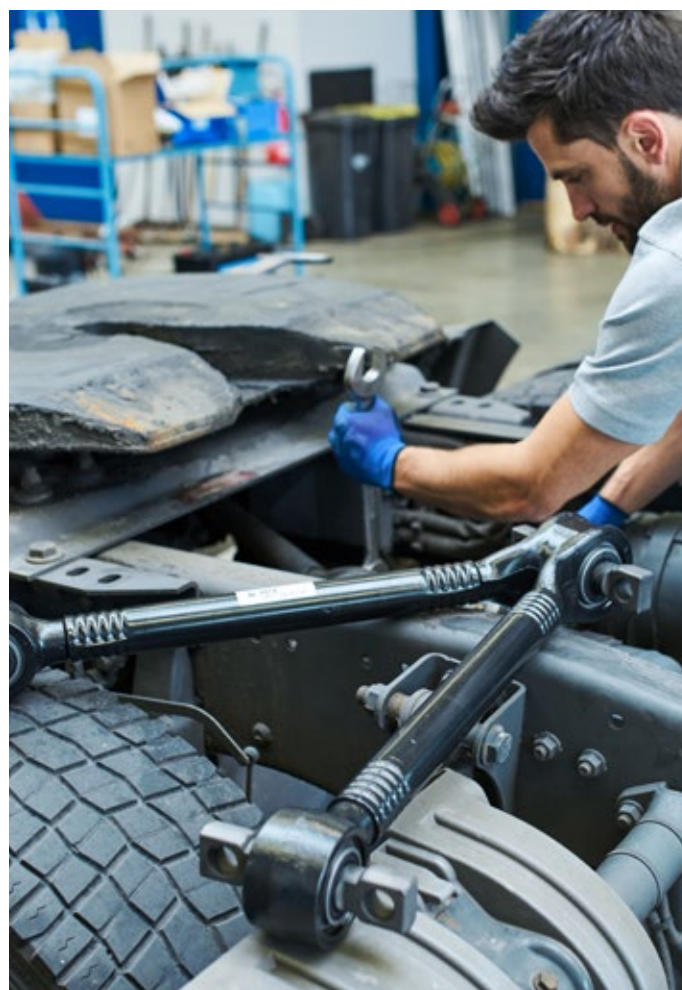
Suitable for	Length	Cone \varnothing	Order no	Comparative no
Mercedes-Benz CapaCity (O 530 GL), Citaro I/II/C2 (O 530), Conecto I (O 345) Setra S 415/416 NF	260 mm	26 mm	9070 001 037	Lemförder 30732 01
Mercedes-Benz Citaro I (O 530), Conecto I (O 345), Touro (O 500)	260 mm	26 mm	9070 001 034	Lemförder 30731 01
Mercedes-Benz Citaro II (O 530), Integro II (O 550), Intouro I/II (O 560), Tourismo II, Travego I/II (O 580) 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	200 mm	30 mm	9070 001 025	Lemförder 27350 01



Supporting joint/guide joint

Installation location front axle
 Installation side left/right
 Thread type right-hand thread
 Inner thread M20 x 1,5
 Cone Ø 24 mm
 Length 72 mm

Suitable for	Order no	Comparative no
Iveco Daily, 01/1978- Daily, 01/1989- Daily, 05/1999- Daily, 05/2006-	9071 163 802	Iveco 500310933



Supporting joint/guide joint

Installation location front axle, top, bottom
 Installation side left/right
 Thread M20 x 1
 Cone Ø 24 mm
 Ø 48/53 mm

Suitable for	Order no	Comparative no
Iveco Daily, 05/1999- Daily, 05/2006-	9073 501 601	Iveco 504212584



Supporting joint/guide joint

Installation location front axle, bottom
 Installation side left/right
 Thread M20 x 1,5
 Cone Ø 26 mm

Suitable for	Order no	Comparative no
Mercedes-Benz Sprinter I (901, 902, 903, 904), 02/1995-05/2006 Sprinter Classic (909), 2013- VW LT II, 05/1996-07/2006	9070 900 014	Mercedes-Benz 901 333 11 27 VW 2D0 407 361 B



Repair kit

Bearing version molecular bearing

This figure corresponds to 9070 001 032

Suitable for	Version	Bore hole \varnothing	Distance betw. holes	Order no	Comparative no
DAF XF105, XF95, 95XF, CF85, 85CF, CF75, 75CF, 65CF MAN F2000, F90, HOCL Volvo FH16 II (2002-), FH16 I, FL12, FL10 (12/1995-09/1998)	axle strut, "A" frame	23 mm	152 mm	6170 000 237	Lemförder 21204 01
Fast Syter Heuliez GX 127, 317, 327, 427 Irisbus Agora, Arès, Arway, Citelis, Evadys, Iliade, Récréo MAN TGA Mercedes-Benz O 405 N Neoplan Centroliner (N 45XX), Cityliner (N 12XX), Starliner (N 52XX) 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 415/417 HDH, S 431 DT Temsa Safari VDL Bova Futura, Bova Lexio, Bova Magiq	for trailing link	19 mm	130 mm	9070 002 140	Lemförder 11755 01
MAN TGA	for 4-point link	25 mm	130 mm	9070 330 751	Lemförder 30751 01
MAN TGX, TGS, TGA Mercedes-Benz Actros 1/2/3, Antos, Arocs	for "A" frame	25 mm	152 mm	9070 310 410	Lemförder 35956.01
MAN TGX, TGS, TGA Mercedes-Benz Intouro I (O 560) Setra S 431 DT	for trailing arm	19 mm	130 mm	9070 001 032	Lemförder 30610 01
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1/2/3	for wishbone	25 mm	130 mm	9079 991 608	Lemförder 30589 01



Repair kit for central joint

Outer \varnothing 90 mm
Height 59 mm
Inner thread M24 x 1,5

Suitable for	Order no	Comparative no
DAF 95XF, CF85, CF75, 85CF, 75CF MAN TGA	9077 200 400	Lemförder 31139 01



Repair kit for "A" frame

Outer \varnothing 72 mm
Thickness 46 mm
Inner thread M20 x 1,5

Suitable for	Order no	Comparative no
Iveco Stralis I/II, EuroCargo I/II/III, EuroStar, EuroTech, Trakker I/II, MAN HOCL, M2000	2591 147 403	Lemförder 19598 01



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BFS BUSINESS FLEET SERVICES GMBH
DIRECTOR: HERMANN STEGMAIER AND JAN PLIENINGER
AUTHORISED SIGNATORY: MARC STEGMAIER

We have been operating on the market as truck rental company BFS Business Fleet Services GmbH (BFS) since 1995. At the same time, BFS belongs to the Stegmaier Group, whose origins date back to 1927. We therefore have a long history of our own. Throughout Germany, as well as in Switzerland, Croatia and the Netherlands, BFS maintains a comprehensive network of over 90 highly qualified MAN workshops.

We are very happy about the EUROPART support and that the passion for truck sport is shared with us.

As a result, we as the BFS Trucksport Team receive exclusive material sponsorship with components and

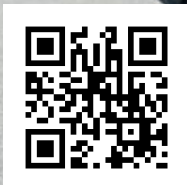
products from our own-brand EUROPART Premium Parts. Steering and suspension parts such as tie rods and leaf springs, as well as brakes, lights, or cleaners and lubricants all come from the extensive range of the own brand.

The rigours of truck trials provide impressive and lasting proof of the extraordinary quality and durability of our own-brand products.

Our team spirit and the interaction with EUROPART simply fit together well. As a result, we were able to defend our title and are now the European champions 2019 in category 3 of the close-to-production three-axle trucks.



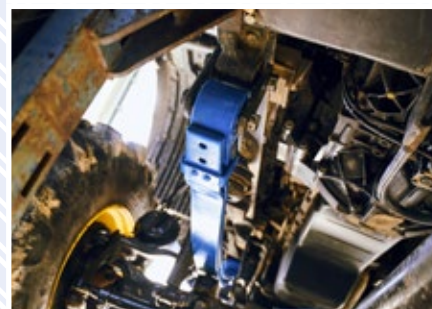
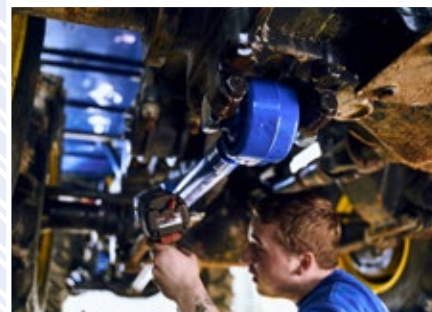
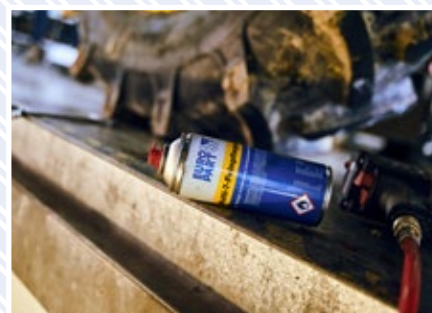
2019:



Installation of the own-brand products



Impressions of the run in France



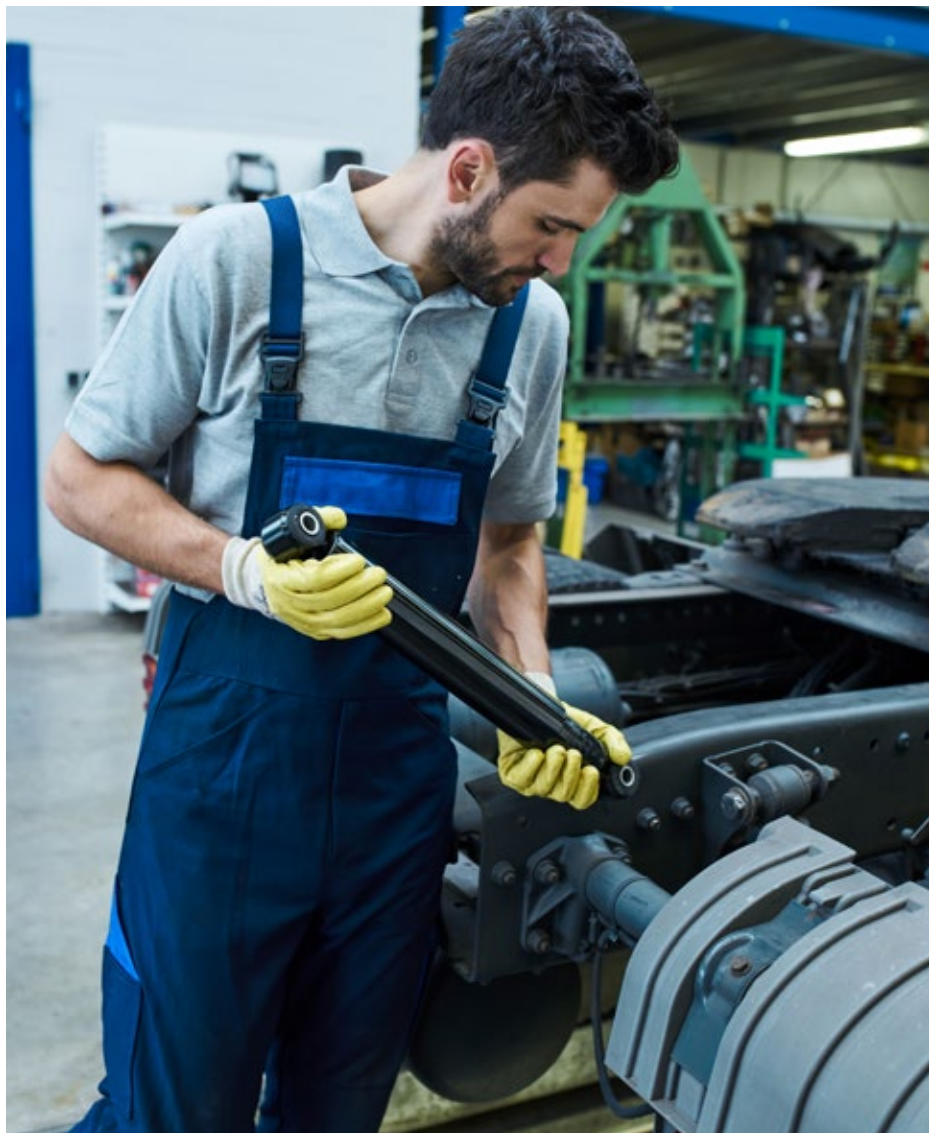
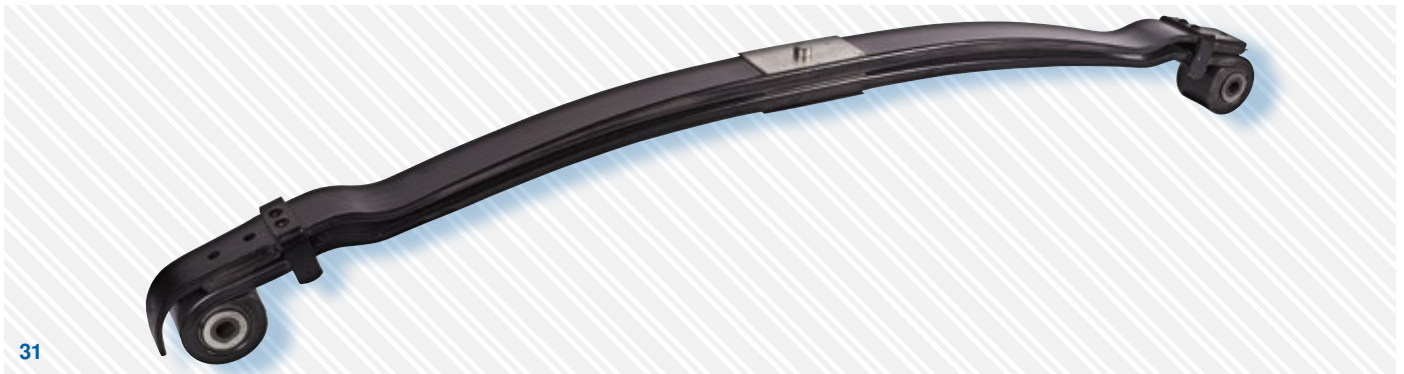
WHEEL HUBS

- Production certified to the highest automotive standard (IATF 16949) and continuously monitored by independent institutions
- The use of a high-quality and temperature-resistant grey cast alloy, combined with the use of state-of-the-art CNC turning, drilling and milling technology in the manufacturing process guarantees:
 - Exact compliance with all required fitting dimensions
 - Optimum surface quality (surface roughness)
 - Extremely strict shape tolerances
 - Perfect concentric rotation without wobbling
 - Weight optimisation using state-of-the-art steel casting technology
- Transmission of very high torques with precise shaft control
- Durable corrosion protection using state-of-the-art coating processes
- Use of high-quality tapered roller bearings in original equipment quality for a very long service life and extremely low noise levels. Compliant with German and international standards DIN 620 Part 2, DIN 720 and DIN ISO 683-17.
- Use of a high-quality long-lasting and high-temperature-resistant lubrication grease, specially designed for roller bearings
- Continuous and very strict functional and long-term running tests
- High-quality product markings
- Robust packaging


**EURO
PART**


Wheel hub

Suitable for	Version	Outer Ø	Inner Ø	Height	Fig. Order no	Comparative no
DAF XF Euro 6 (2012-), XF105, XF95, CF85, CF65	with OEM quality bearing	381 mm	100 mm	295 mm	1 1281 200 001	DAF 1812161
DAF XF105, XF95, CF85, 85CF, CF75, 75CF, CF65, LF55	with OEM quality bearing	388 mm	70 mm	195 mm	- 1281 200 003	DAF 2019789
MAN TGX (2013-), TGX (2007-), TGS (2013-), TGS, TGA, TGM (2013-), TGM Neoplan Centroliner (N 45XX)	without bearing	384 mm	160 mm	163 mm	2 1281 200 002	MAN 81.35701-0155
Mercedes-Benz Actros 1/2/3/4, Arocs, Antos, Axor 1/2/3, Atego 1 (18 t), Atego 1/2, Econic 2	without bearing	377 mm	157/170 mm	297,5 mm	3 1281 200 004	Mercedes-Benz 946 356 02 01
Mercedes-Benz Actros 1/2/3/4, Arocs, Antos, Axor 1/2/3, Atego 1 (18 t), Atego 2/3, Econic 1	with bearing	199 mm	140 mm	147,5 mm	4 1281 200 007	Mercedes-Benz 943 330 11 25
Mercedes-Benz Actros 1/2/3/4, Axor 1/2/3, Atego 1 (18 t), Atego 1, Econic 1	without bearing	383 mm	130/150 mm	183 mm	5 1281 200 006	Mercedes-Benz 942 334 15 01
Mercedes-Benz Actros 2/3, Axor 1/2/3, Atego 1	without bearing	380 mm	160/170 mm	313 mm	6 1281 200 005	Mercedes-Benz 946 356 07 01
Mercedes-Benz Actros 4, Jost/Mercedes-Benz TE, 9 t	with OEM quality bearing	382 mm	82 mm	226 mm	7 1281 200 008	Mercedes-Benz 000 350 23 35



Suspension and damping

Leaf/parabolic suspension.....	30–32
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Air suspension	34–41
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Cab damper.....	44–45

LEAF SPRINGS

2

Suspension and damping

- Production according to the highest automotive standard (IATF16949), certified and continuously monitored by TÜV NORD
- The use of a high-grade, hardened spring steel in original equipment quality, combined with precision in the manufacturing process guarantees:
 - Exact compliance with the stipulated spring geometries
 - Very high tensile and compressive strength
 - Extremely high vibration resistance
 - Very high mechanical load-bearing capacity
 - Optimum material width
 - Lasting corrosion protection
- The production and the materials used comply with valid standards: DIN EN 10089, DIN EN10092, 51CrV4.
- Completely ready-to-assemble multi-leaf and parabolic springs with integrated rubber-metal connections with an optimum Shore hardness.
- Exact compliance of the spring rates with very high inherent damping
- Optimum spring travel especially for very high payloads
- Best possible use of materials by reduction in the unsprung masses
- Very high protection against environmental influences such as moisture, splashed water, salt water, salt spray, stone impacts, temperature effects and tension crack corrosion
- Continuously undergo set spray tests
- Heart bolts used meet all set requirements
- Wide product range for all common vehicle types
- High-quality product markings



Leaf spring

Installation location	rear axle	Length at rear	753 mm
Number of leaves	1/1	Thickness	40 mm
Width	70 mm	Axle load	2,2 t
Length at front/rear	740 mm		

Suitable for	Order no	Comparative no
Mercedes-Benz Sprinter (906), 06/2006-	1133 795 000	Mercedes-Benz 906 320 17 06



Leaf spring/parabolic spring

This figure corresponds to 1072 930 000

Suitable for	Installation location	Form	Number of leaves	Width	Thickness	Axle load	Order no	Comparative no
Iveco EuroTrakker (6 x 4, 8 x 4)	rear axle	8BK	3/1/1	100 mm	136 mm	10,5 t	1167 177 000	Iveco 42126923
MAN (8 x 4)	front axle	1K	2	90 mm	67 mm	7,5 t	1173 030 000	MAN 81.43402-6264
MAN TGA	front axle	1K	3	90 mm	85 mm	8 t	1173 006 000	MAN 81.43402-6293
MAN TGA	front axle	1J	3	90 mm	86 mm	8 t	1072 930 000	MAN 81.43402-6217
MAN TGS	front axle	1K	4	90 mm	111 mm	9,5 t	1173 008 000	MAN 81.43402-6310
MAN TGX (2007-), TGS	front axle	1J	2	90 mm	66 mm	8 t	1173 046 000	MAN 81.43402-6329
Mercedes-Benz Actros 1/2/3	rear axle	8BP	2/1	100 mm	128 mm	9,5 t	1033 887 000	Mercedes-Benz 948 320 17 05
Mercedes-Benz Actros 1/2/3, Axor 1/2/3	front axle	1KM	3	90 mm	81 mm	8 t	1033 682 000	Mercedes-Benz 943 320 03 02
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t)	rear axle	1BK	3/1	100 mm	133 mm	13 t	1033 683 000	Mercedes-Benz 943 320 03 08
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t)	front axle	1KM	3	90 mm	83 mm	9 t	1033 690 000	Mercedes-Benz 944 320 02 02
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t), Atego 1	front axle	1J	2	90 mm	60 mm	7,5 t	1033 818 000	Mercedes-Benz 000 320 02 02
Mercedes-Benz Actros 1/2/3, Axor 2/3	front axle	1KM	3	90 mm	79 mm	7,5 t	1033 698 000	Mercedes-Benz 949 320 03 02
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t)	front axle	1KM	3	90 mm	79 mm	7,5 t	1033 696 000	Mercedes-Benz 949 320 02 02
Scania R, G, P, T, 164, 144, 124, 114, 94	front axle	1K	3	90 mm	96 mm	8,5 t	1090 116 000	Scania 1377670



Pitman spring

Form	Number of leaves	Width	Length at front/rear	Length at rear	Thickness	Fig.	Order no	Comparative no
51	2	100 mm	500 mm	465 mm	82 mm	1	1088 138 600	BPW 05.082.12.64.0
61	1	100 mm	578 mm	295 mm	48 mm	2	1088 133 900	BPW 05.082.12.92.0
62	1	70 mm	575 mm	365 mm	56 mm	3	1088 156 400	BPW 05.082.13.88.0
62	1	70 mm	575 mm	365 mm	56 mm	3	1088 156 500	BPW 05.082.13.89.0



Christopher Marxen
Own-brand representative

„ Very high mechanical load capacity!

Our leaf springs are manufactured with high-quality, hardened spring steel in OEM quality – together with the precision during the manufacturing process, this ensures that the required spring geometries are precisely maintained and the very high tensile, compressive and vibration strength is guaranteed. This enables optimal use even with very high payloads. The fact that our product can also withstand extremely high payloads is demonstrated not least by its use in the truck of the BFS Trucksport team in the "Truck Trial".

We will also find the right Premium Part for you
– simply get in touch with us! “

SHACKLES

- Production according to the current version DIN ISO 9001, certified by SGS and continuously monitored
- The employment of a high-quality tempering steel, allied with precision in the manufacturing process, guarantees:
 - Perfect shaping
 - Very high tensile strength
 - Optimum yield strength
 - Precise thread form
- Meet all the requirements of DIN EN ISO 10278, 6892-1 und 148-1
- Optimum corrosion protection coatings, using high-quality phosphating or galvanising
- Wide product range for leaf and parabolic springs

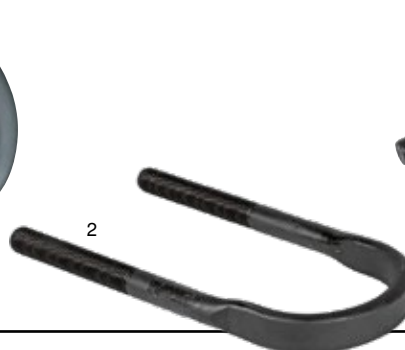


Shackle

Form 0

This figure corresponds to 1301 903 225

Suitable for	Length	Thread	Clearance	Order no	Comparative no
MAN TGX, TGS, TGA, TGM, TGL	205 mm	M18 x 2	91 mm	1310 907 205	MAN 06.46112-0205
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t), Atego 1	225 mm	M20 x 1,5	91 mm	1301 903 225	Mercedes-Benz 949 331 01 25
Scania R, G, P, T, 164, 144, 124, 114, 94, 143, 113, 93	202 mm	M22 x 2,5	93 mm	1098 920 203	Scania 293321
Scania R, G, P, T, 164, 144, 124, 114, 94	309 mm	M24	105 mm	8001 397 705	Scania 1397705



Shackle

Form	Length	Thread	Clearance	Fig.	Order no	Comparative no
0	240 mm	M22 x 2,5	128 mm	1	6142 494 828	BPW 03.138.37.17.4
0	280 mm	M24 x 3	101 mm	1	6242 495 527	BPW 03.138.44.16.4
0	295 mm	M22 x 2,5	150 mm	1	6142 494 821	BPW 03.138.37.10.4
0	300 mm	M24 x 3	128 mm	1	6142 495 224	BPW 03.138.41.134
0	320 mm	M24 x 3	128 mm	1	6142 495 219	BPW 03.138.41.08.0
0	356 mm	M24 x 3	101 mm	1	6142 495 512	BPW 03.138.44.01.4
1	290 mm	M22 x 2,5	128 mm	2	6142 494 813	BPW 03.138.37.02.4
2	280 mm	M22 x 2,5	70 mm	3	6142 494 118	BPW 03.138.30.07.4

AIR SPRING BELLOWS

2

Suspension and damping

- Production according to the highest automotive standard (IATF16949), certified by DQS and continuously monitored
- Ultra-modern production with:
 - 100 % controls over the complete production process
 - Continuous improvement in processing capability
 - Regular tests such as salt spray test, characteristic curve test, burst test, service life test, tests of leak tightness and deformation

All European standards are applied and monitored by international accredited partners.

- Use of high-quality rubber mixture to our own recipe
- High level of product and process know-how, resulting from many years of close cooperation with OE original equipment manufacturers
- Wide product portfolio: Cab bellows/damper, twin and triple bellows, drive bellows, lift axle bellows
- Permanent further development of the product range in line with the demands and requirements of the IAM
- High-quality and permanent product marking directly on the rubber
- Vulcanisation through "multipoint heating" (steam process)

The air springs and air spring bellows shown here represent only part of our comprehensive range. You can find other items for your vehicle in EWOS under www.europart.net or in your EUROPART branch.





Air spring/Air spring bellow

This figure corresponds to 1780 836 001

Suitable for	Version	Outer \varnothing	Height	Order no	Comparative no
DAF LF Euro 6 (2013-), LF45 II (2006-)	with steel piston	295 mm	312 mm	1788 012 301	DAF 1407329
DAF XF105, XF95, CF85, CF75, CF65	with steel piston	300 mm	268 mm	1780 836 001	DAF 1697678
Iveco EuroCargo I/II/III/IV	with piston	240 mm	300 mm	1788 077 415	Iveco 504117415
MAN F2000, M2000M/L, L2000, F90	without fastening element	210 mm	465 mm	1716 162 002	MAN 81.43601-0103 MAN 81.43601-0121
MAN TGA	with steel piston	290 mm	328 mm	1788 488 307	MAN 81.43600-6037
MAN TGA	with steel piston	310 mm	328 mm	1788 470 504	MAN 81.43600-6040
MAN TGA, TGS	with steel piston	290 mm	278 mm	1788 488 406	MAN 81.43600-6035
MAN TGL	with piston	280 mm	264 mm	1788 486 202	MAN 81.43600-6049
MAN TGX, TGA, TGS	with steel piston	260 mm	278 mm	1788 488 205	MAN 81.43600-6036
MAN TGX (2013-), TGX, TGS, TGA	without fastening element	240 mm	470 mm	1788 188 800	MAN 81.43601-0163
MAN TGX (2013-), TGX (2007-), TGS (2013-), TGA, TGM	with plate, without piston	220 mm	513 mm	1788 488 201	MAN 81.43601-0151
MAN TGX (2013-), TGX (2007-), TGS (2013-), TGS, TGA, TGM	with plate, without piston	240 mm	503 mm	1788 488 401	MAN 81.43601-0174
Mercedes-Benz Actros	with piston	350 mm	265 mm	1788 475 823	Mercedes-Benz 942 320 33 21
Mercedes-Benz Actros 1/2/3, Arocs, Axor 1/2/3, Atego 1 (18 t), Atego 1, Eonic 1	with steel piston	286 mm	292 mm	1788 439 022	Mercedes-Benz 942 320 29 21
Mercedes-Benz Actros 1/2/3, Axor 1/2, Atego 1	complete with piston, with sensor connection	286 mm	292 mm	1788 439 021	Mercedes-Benz 942 320 02 21
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 1	with piston	360 mm	360 mm	1788 483 822	Mercedes-Benz 942 320 36 21
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 1	with piston	360 mm	360 mm	1788 483 823	Mercedes-Benz 942 320 35 21
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 2, Eonic 1	with steel piston	300 mm	242 mm	1788 475 721	Mercedes-Benz 942 320 43 21
Mercedes-Benz Actros 2/3	with piston, without sensor connection	275 mm	292 mm	1788 439 011	Mercedes-Benz 942 320 01 21
Mercedes-Benz Actros 2/3, Axor 1/2/3	with steel piston	342 mm	280 mm	1788 418 324	Mercedes-Benz 942 320 69 21
Mercedes-Benz Actros 4, Arocs, Antos	with plastic piston	269 mm	280 mm	1788 612 246	Mercedes-Benz 960 320 00 57
Mercedes-Benz Actros 4, Arocs, Antos	with plastic piston	269 mm	280 mm	1788 612 247	Mercedes-Benz 960 320 01 57
Mercedes-Benz Actros 4, Arocs, Antos	with steel piston	309 mm	303 mm	1788 613 140	Mercedes-Benz 960 320 34 57
Mercedes-Benz Actros 4, Arocs, Antos	with steel piston	266 mm	400 mm	1788 612 340	Mercedes-Benz 960 320 71 57
Mercedes-Benz Actros 4, Arocs, Antos, Eonic 2	with plastic piston	240 mm	280 mm	1788 612 144	Mercedes-Benz 960 320 12 57
Mercedes-Benz Atego 1/2/3/4	with piston	300 mm	310 mm	1788 475 729	Mercedes-Benz 942 320 32 21
Mercedes-Benz Atego 1/2/4	with steel piston	318 mm	280 mm	1788 418 521	Mercedes-Benz 942 320 30 21
Mercedes-Benz Atego 1/2/4	with steel piston	300 mm	310 mm	1788 475 709	Mercedes-Benz 942 320 32 21
Renault Magnum I/II/III, Premium I/II Volvo FH, FM, FE II (2013-), FE I (2010-2012)	with piston	321 mm	412 mm	1788 491 213	Renault 5010600328 Volvo 20726768
Renault Magnum II, Premium I/II, Midlum I/II (18 t) Volvo FH, FM, FL I/II	with steel piston	321 mm	412 mm	1788 491 210	Renault 5010557355 Volvo 20722412
Renault Magnum II, Premium I Volvo FH, FM	with piston	277 mm	412 mm	1714 191 002	Renault 5010488070 Volvo 20757541
Scania R, G, P, 164, 124, 114, 94, 143, 113, 93	with plastic piston	285 mm	260 mm	1788 362 510	Scania 1402423
Scania R, G, P, T	steel piston	315 mm	430 mm	1788 670 002	Scania 1903608
Scania R, G, P, T, 164, 144, 124, 114, 94	with piston	320 mm	415 mm	1788 491 302	Scania 1543691
Scania R, G, P, T, 164, 144, 124, 114, 94	with steel piston	355 mm	286 mm	8000 012 731	Scania 1386200
Volvo FH, FM	with steel piston	295 mm	312 mm	1788 458 002	Volvo 21451173
Volvo FH, FM low	with steel piston	240 mm	237 mm	6170 531 989	Volvo 20582213

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Suitable for	Version	Outer Ø	Height	Order no	Comparative no
Volvo FH12, FH16, FL, FL6, FL7, FL10, FL12, FM7, FM10, FM12	without fastening element	210 mm	394 mm	1715 285 003	Volvo 1134445
Volvo FH II (2002-2013), FH12 (1993-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-), FL6 (-2002)	with steel piston	240 mm	268 mm	1788 660 701	Volvo 20582214
Volvo FH II (2002-2013), FH12 (1993-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-), FL6 (-2002)	with piston	280 mm	268 mm	1788 660 601	Volvo 20582209
Volvo FH II (2002-2013), FH16 II (2002-2006), FH12 (1993-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-)	with steel piston	280 mm	322 mm	6170 582 206	Volvo 20582206
Volvo FH II (2002-2013), FH16 II (2004-2006), FM II (2002-2013)	with steel piston	295 mm	341 mm	6170 554 760	Volvo 20554760
Volvo FH III (2013-), FH16 III (2013-), FM III (2012-), FMX II (2012-), FMX I (2010-)	with steel piston	240 mm	284 mm	1788 457 102	Volvo 21224750
Volvo FH III (2013-), FH16 III (2013-), FM III (2012-), FMX II (2012-), FMX I (2010-)	with steel piston	272 mm	257 mm	1788 456 102	Volvo 21224746
Volvo FH III (2013-), FH16 III (2013-), FM III (2012-), FMX II (2012-), FMX I (2010-)	with steel piston	240 mm	343 mm	1788 457 002	Volvo 21224749
Volvo FH III (2013-), FH16 III (2013-), FM III (2012-), FMX II (2012-), FMX I (2010-)	with steel piston	275 mm	320 mm	1788 456 002	Volvo 21224745
Volvo FH III (2013-), FH II (2002-2013), FH12 (1994-), FH16 II (-2006), FM III (2013-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-)	with steel piston	245 mm	322 mm	1700 036 416	Volvo 20456152



This figure corresponds to 1716 215 002



Air spring/Air spring bellow

Suitable for	Version	Form	Outer Ø	Height	Order no	Comparative no
Fast Syter MAN Lion's City (A20/A21/A23/A26/A37/A39/A47/A78), Lion's Classic Ü (A72), Lion's Coach (R07/R08/R09), 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) Tems a Safari HD	without fastening element	conical	240 mm	460 mm	1716 215 002	MAN 81.43601-0126
Fast Syter Neoplan Cityliner (N 12XX)	without fastening element	conical	210 mm	465 mm	1716 162 002	MAN 81.43601-0103 MAN 81.43601-0121
Irisbus Arès, Arway, Axer, Evadys, Récréo Mercedes-Benz Tourismo I (O 350), Travego I (O 580) Neoplan Cityliner (N 1116, N 1116/3, N 1216, N 1216/3, N 116, N 116/3, N 122, N 122/3), Jetliner (N 208, N 213, N 214, N 216), Skyliner (N 1122/3, N 122, N 122/3) 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	without fastening element	cylindrical	240 mm	391 mm	1715 661 003	Irisbus 5001829866 Mercedes-Benz 410 327 00 01 Neoplan 100112250 Setra 4.771.427.000 Van Hool 624319-670 Volvo 1137888
Mercedes-Benz Citaro I/II/C2 (O 530), Intouro II, Tourismo II, Travego II Setra S 415 HD, S 417 HDH, S 416/417 GT-HD, S 415 NF, S 415/419 UL, S 519 HD, S 516 HDH, S 515 MD	without fastening element	conical	230 mm	435 mm	1788 946 000	Mercedes-Benz 628 323 00 92
Mercedes-Benz Citaro I (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) 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	without fastening element	cylindrical	210 mm	394 mm	1715 285 003	Mercedes-Benz 000 327 01 01 Mercedes-Benz 000 327 02 01 Mercedes-Benz 307 327 00 01 Volvo 1134445
Scania F/K/N	steel piston	cylindrical	315 mm	430 mm	1788 670 002	Scania 1903608 Scania 1944314

Overview of the quality benefits of EUROPART air springs

EUROPART checks and documents

All input materials of the EUROPART Premium Parts air springs, such as plastic pistons, metal pistons, rubber bumpers, metal plates and calendered fabric are subjected to comprehensive quality control. Rubber compounds are delivered with material certificates and are additionally tested by authorised external test laboratories. Plastic parts, such as pistons are also examined externally for elasticity and bursting behaviour. The tensile strength and tearing strength of the rubber is ensured by regular tests. One extremely important criterion of rubber is the density of the material. All delivered rubber materials are tested using a rheometer test according to its formula specifications, and are only approved for production if the material complies with the specifications.



2

Periodic (continuous) tests

Salt spray test

The coatings of metal parts are tested for corrosion resistance by means of a salt spray test before production starts and the series is released. The original equipment manufacturer specification is 250 hours, and series approval only occurs at a value of 400 hours or more.

Continuous checks and calibration of tools



All air spring bellows are fully inspected visually for faults at every workstation.



All metal headplates are fully tested according to the crimping process for concavity and convexity. The air spring must not show any concavity and convexity, as this would mean studs could not be assembled on the chassis.



All crimped air springs are fully checked in the water tank under pressure for imperviousness.

Continued on the next page ...

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2

Characteristic curve (space requirement):

All air springs have a specific space requirement on the vehicle (or chassis). So as not to exceed this space requirement, all air springs are subject to a characteristic curve test before series production. The air spring systems are tested here using the original equipment manufacturer specification at minimum, maximum and static height (installation height) at 1, 3, 5 and 7 bar load changes for specification characteristic curves (volume/force). These are recorded on force path diagrams. This test is to check the space requirement under load change (preventing damage to the air spring caused by contact with the chassis).



Service life test (fatigue test):

The air spring is installed at the target vehicle height and filled with 5 bar air pressure. The fatigue test takes place under the natural frequency of 3.3 Hz at cycles of ± 50 mm. A specification of the original equipment is that air springs carry out at least 3,000,000 cycles without damage to the outer structure or the assembly parts. This fatigue test is carried out for comparative purposes (brand manufacturer vs. EUROPART).



Burst test:



Burst tests are carried out on new air spring systems before series production and in air springs in current series to establish their maximum load capacity and to determine whether these meet the legal requirements. These tests are used both in developing a new air spring design as well as to determine the maximum load capacity. This means specifications of new designs can be determined and the operating

conditions of existing designs can be tested.

The air spring is filled with water pressure until they finally burst. The values are recorded and documented by a manometer. This test is carried out and registered under the most stringent safety precautions in a closed area. As air pressure can lead to severe injury or death, water pressure is used instead of air pressure.

The original equipment specification for the maximum load is 20 bar. EUROPART air springs significantly exceed this value (>25 bar).



Air spring/Air spring bellow

This figure corresponds to 6165 305 431

Suitable for	Version	Outer Ø	Height	Order no	Comparative no
BPW	with plate, without piston	300 mm	789 mm	1788 494 202	BPW 05.429.41.09.0
BPW 30	with plastic piston	300 mm	385 mm	6165 305 431	BPW 05.429.43.20.0
BPW 30 K	with plastic piston	300 mm	340 mm	6165 305 432	BPW 05.429.43.21.0
BPW 30 K	with plastic piston	300 mm	350 mm	6165 305 434	BPW 05.429.43.23.0
BPW 30 K	with plastic piston	300 mm	350 mm	6165 305 435	BPW 05.429.43.24.0
BPW 30 K	with plate, without piston	300 mm	429 mm	6165 305 102	BPW 05.429.40.91.0
BPW 36	with plastic piston	360 mm	400 mm	6165 305 462	BPW 05.429.43.51.0
BPW 36-1	with steel piston	360 mm	400 mm	6165 305 270	BPW 05.429.41.69.0
BPW 36-5	with steel piston	360 mm	400 mm	6165 305 355	BPW 05.429.42.44.0
BPW 36 K	with plastic piston	360 mm	320 mm	6165 305 452	BPW 05.429.43.41.0
Fruehauf, SMB	with plastic piston	315 mm	405 mm	9180 003 688	Fruehauf UJB 0358001 SMB 1525199
Fruehauf Meritor (ROR) FL11000 SMB	with aluminium piston	315 mm	410 mm	1700 012 015	Fruehauf U-JB 0203001 Meritor 21226039
Fruehauf SMB Trailor	double bellows	305 mm	270 mm	7565 052 720	Fruehauf M078246
Gigant	with steel piston	355 mm	350 mm	5210 166 225	Gigant 700166259
Gigant	with steel piston	355 mm	352 mm	5210 166 252	Gigant 700166252
Hendrickson Meritor (ROR) SAF 2918 V	with steel piston	335 mm	338 mm	5043 391 113	Hendrickson 506 243 Meritor 21208082 SAF 2 229 2102 00
Jost/Mercedes-Benz DCA, DLS TE5/8 Weweler	with steel piston	330 mm	340 mm	1723 012 813	Mercedes-Benz 946 328 19 01
Jost/Mercedes-Benz HT250	with steel piston	350 mm	415 mm	9463 280 401	Mercedes-Benz 946 328 04 01
Jost/Mercedes-Benz DCA, DLS, TE5/8 Schmitz Weweler	with steel piston	315 mm	380 mm	1788 283 001	Mercedes-Benz 946 328 15 01 Schmitz 017924 Weweler US 04030P
Jost/Mercedes-Benz DCA, DLS Meritor (ROR)	with plastic piston	290 mm	394 mm	1788 415 704	Mercedes-Benz 946 328 14 01 Meritor 21221307
Meritor (ROR)	with plastic piston	320 mm	300 mm	1789 588 587	Meritor 21230298
Meritor (ROR) SAF Schmitz Cargobull Weweler	double bellows, with plate	250 mm	210 mm	1788 586 910	Meritor 21222663 Schmitz 016793 Weweler US 06910F
Meritor (ROR) Weweler	with plastic piston	300 mm	400 mm	7600 001 080	Meritor 21222442 Weweler US 07074 F
Meritor FL9000 NB/L/HL, XL9000 L/H/HL	with plastic piston	320 mm	360 mm	1788 038 608	Meritor 21229214
SAF 1608	double bellows, with plate	225 mm	210 mm	5053 302 115	SAF 4 229 1004 00
SAF 1608	double bellows, with plate	265 mm	256 mm	5053 302 116	SAF 4 229 1005 01
SAF 2618	with plastic piston	290 mm	340 mm	5043 303 718	SAF 3 229 0007 02
SAF 2618 V	with plastic piston	300 mm	340 mm	5043 303 230	SAF 3 229 0029 00
SAF 2619 V	with plastic piston	290 mm	351 mm	5043 301 144	SAF 3 229 0033 00
SAF 2621 V	with plastic piston	320 mm	370 mm	5043 301 149	SAF 3 229 0038 00
SAF 2626 V	with plastic piston	320 mm	440 mm	5043 301 140	SAF 3 229 0039 00
SAF 2918 V	with steel piston	330 mm	340 mm	5043 301 138	SAF 3 229 0027 00
SAF 2919 V	with plastic piston	340 mm	340 mm	5043 301 153	SAF 3 229 0042 00
SAF 2922 V	with steel piston	340 mm	340 mm	5043 301 147	SAF 3 229 0036 00
SAF 2923 E2	with steel piston	290 mm	351 mm	5043 391 114	SAF 2 229 0003 00
SAF 2923 VK	with steel piston	320 mm	420 mm	5043 301 142	SAF 3 229 0031 00

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Suitable for	Version	Outer \varnothing	Height	Order no	Comparative no
SAF 2924 V	with plastic piston		230-675 mm	5043 301 152	SAF 3 229 0041 00
SAF 2926 V	with steal piston	350 mm	420 mm	5043 301 141	SAF 3 229 0030 00
SAF 2972 V	with plastic piston	350 mm	475 mm	5043 301 158	SAF 3 229 0047 00
SAF 3138	with plate, without piston	300 mm	803 mm	1788 313 801	SAF 3 228 0019 00
Schmitz Cargobull	with plastic piston	350 mm	430 mm	1788 077 929	Schmitz 1077929
Schmitz Cargobull Weweler	with plastic piston	315 mm	415 mm	7770 165 120	Schmitz 016512 Weweler US 06318F
Schmitz Cargobull Weweler	with steel piston	350 mm	388 mm	1722 012 805	Schmitz 017685 Weweler US 04031
Schmitz Cargobull Weweler	with plastic piston	300 mm	400 mm	1788 750 999	Schmitz 750999 Weweler US 06285
Schmitz Cargobull Weweler	with steel piston	318 mm	420 mm	1788 402 800	Schmitz 015323 Weweler US 04028G
Schmitz Cargobull Weweler	with plastic piston	290 mm	400 mm	7777 510 650	Schmitz 751065 Weweler US 06316



Screw set for air spring

This figure corresponds to 1722 052 746

Suitable for	Version	Order no
Acerbi Fruehauf SMB	Phoenix K010	1722 052 735
Bertoja Fruehauf SMB	Phoenix K030	1722 052 755
BPW	Phoenix K029	1723 052 754
Cardi Fruehauf Samro SMB	Phoenix K016	1722 052 741
DAF VDL	Phoenix K008	1722 052 733
Hendrickson Meritor (ROR) SAF Weweler	Phoenix K002	1722 052 727
MAN	Phoenix K033	1722 053 108
MAN	Phoenix K032	1722 053 107
Mercedes-Benz	Phoenix K036	1722 053 112
Mercedes-Benz Actros	Phoenix K021	1722 052 746
Mercedes-Benz TAS	Phoenix K027	1722 052 752
Mercedes-Benz TAS Meritor (ROR) Schmitz Cargobull Weweler Holland Hitch	Phoenix K011	1722 052 736
Meritor (ROR) Weweler	Phoenix K025	1722 052 750
Renault Volvo	Phoenix K018	1722 052 743
SAF	Phoenix K014	1722 052 739
SAF	Phoenix K013	1722 052 738
SAF	Phoenix K001	1722 052 726
Scania R, G, P, T, series 4	Phoenix K004	1722 052 729
Scania R, G, P, T, series 4	Phoenix K031	1722 053 106
Schmitz Cargobull Weweler	Phoenix K009	1722 052 734
Schmitz Cargobull	Phoenix K037	1722 084 958
Schmitz Cargobull Weweler	Phoenix K028	1722 052 753
Solaris	Phoenix K007	1722 052 732
Volvo	Phoenix K005	1722 052 730
Volvo	Phoenix K006	1722 052 731
Bellows 1/4", M10	Phoenix K023	1722 052 748



SHOCK ABSORBERS FOR CHASSIS

- Produced according to the highest automotive standard (IATF16949), certified by TÜV SÜD and continuously monitored
- The choice of high-quality materials coupled with exact compliance of all the functionally relevant dimensions in the manufacturing process guarantees:
 - Uniform damping over a wide temperature range
 - Temperature resistant sealing system
 - Low maintenance costs due to very low wear
 - Very high transport safety with high driving comfort
 - Optimum vibration absorption of the sprung masses
- Uniform suspension due to exact compliance of the rebound and compression stages
- Use of temperature resistant hydraulic fluids in original equipment manufacturer quality
- Accurately fitting and high-quality rubber-metal connections
- Use of the most modern paint systems for reliable anti-corrosion protection
- Robust packaging
- Wide product range for all standard types of vehicles
- High-quality product labelling





Shock absorber

Version oil pressure, twin-tube system

This figure corresponds to 9200 131 696

Suitable for	Fastening	Length	Order no	Comparative no
MAN TGX (2013-), TGX (2007-), TGS, TGA	eye/eye	427-677 mm	9200 131 696	Sachs 315 151
MAN TGX, TGS, TGA	Eye/eye	430-660 mm	9200 314 336	Sachs 314 336
Mercedes-Benz Actros 1/2/3	eye/eye	479-804 mm	9200 001 290	Sachs 131 944
Mercedes-Benz Actros 1/2/3, Arocs, Axor 1/2/3, Atego 1 (18 t), Atego 1	eye/eye	514-854 mm	9200 124 567	Sachs 124 567
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t)	eye/eye	461-771 mm	9200 124 639	Sachs 124 639
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t)	eye/eye	473-783 mm	9201 134 360	Sachs 124 360
Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1 (18 t), Atego 1	eye/eye	520-875 mm	9200 001 310	Sachs 124 376
Mercedes-Benz Atego 1/2/3	eye/eye	410-690 mm	9000 125 910	Sachs 313 766
Scania R, G, P, T, 164, 144, 124, 114, 94	pin/eye	410-690 mm	9200 001 020	Sachs 310 783
Scania R, G, P, T, 164, 144, 124, 114, 94	eye/eye	555-950 mm	9200 186 060	Sachs 310 786
Scania R, G, P, T, 164, 144, 124, 114, 94	pin/eye	497-867 mm	9200 001 125	Sachs 125 598
Volvo FH II (2002-2013), FH12 (1993-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-)	eye/eye	450-715 mm	9200 001 285	Sachs 131 595
Volvo FH III (2013-), FH II (2002-2013), FH12 (1993-), FM III (2013-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-), FL6 (2000-2006)	eye/eye	457-752 mm	9203 011 657	Sachs 311 657



Shock absorber

Version oil pressure, twin-tube system

Fastening eye/eye

This figure corresponds to 6134 813 311

Suitable for	Length	Order no	Comparative no
BPW 3-13t O, OM, OT	425-695 mm	6134 813 311	Sachs 170 178
BPW 3-13t O, OM, OT, SLO, Gigant, Schmitz Cargobull	328-500 mm	5200 207 220	Sachs 313 056
BPW O 3-13T	326-496 mm	6123 722 830	Sachs 312 561
BPW OM 3-13T, SAF, Schmitz Cargobull	351-541 mm	6123 722 880	Sachs 312 977
BPW OM 3-13T, SAF	292-432 mm	6123 722 890	Sachs 312 978
BPW OM, OT	475-800 mm	6134 813 712	Sachs 170 179
BPW ON, ONT, OM, ONM, OT SAF LF	466-766 mm	6134 813 780	Sachs 170 183
Mercedes-Benz TE, TL, TZ	279-394 mm	9201 301 431	Sachs 310 134
Meritor FL9000NB	276-379 mm	9200 224 778	Koni 91-2527
Meritor Flexair	295-426 mm	9200 001 220	Sachs 123 840
Meritor Flexair 9t, 11t	296-431 mm	7670 003 000	Sachs 315 152
SAF AR 316E/EH/H, EU 316E/EH/H	315-475 mm	5034 871 122	Sachs 312 979
SAF LF	318-476 mm	9200 186 760	Koni 91-2229
SAF LF Meritor Flexair	315-475 mm	5034 871 120	Sachs 170 191
SAF	280-413 mm	9200 007 001	Sachs 312 668
SAF	340-535 mm	9200 007 201	Sachs 312 670
SAF	318-438 mm	5123 760 071	Sachs 312 669
SAF	433-681 mm	9203 764 032	Koni 91-2264
Schmitz Cargobull	265-381 mm	9588 912 755	Sachs 317 769



Cab damper

This figure corresponds to 9200 001 255

Suitable for	Version	Fastening	Order no	Comparative no
DAF XF105, XF95, 85CF, 75CF, LF45	oil pressure, twin-tube system	eye/pin	9200 312 780	DAF 1319672
DAF XF105, XF95, CF85, 85CF, CF75, 75CF, CF65	oil pressure, twin-tube system	eye/pin	6011 622 211	DAF 1371065
Iveco Stralis I/II/III (Hi-Way)	gas pressure, twin-tube	eye/eye	1788 128 012	Iveco 500357351
Iveco Stralis I/II/III (Hi-Way)	gas pressure, twin-tube system	eye/eye	1788 128 016	Iveco 500357352
MAN F2000	gas pressure, twin-tube system	eye/eye	9200 001 035	MAN 81.41722-6010 MAN 81.41722-6013
MAN F2000	gas pressure, twin-tube system	eye/pin	9200 001 255	MAN 81.41722-6051 MAN 81.41722-6048
MAN F2000, F90	gas pressure, twin-tube system	eye/pin	9200 001 085	MAN 81.41722-6012 MAN 81.41722-6033
MAN TGA, F2000	gas pressure, twin-tube system	eye/eye	9200 001 256	MAN 81.41722-6052
MAN TGX (2013-), TGX (2007-), TGS, TGA	gas pressure, twin-tube system	eye/eye	5234 172 260	MAN 81.41722-6075
Mercedes-Benz Actros 1/2/3	gas pressure, twin-tube system	eye/eye	9200 001 270	Mercedes-Benz 942 890 60 19 Mercedes-Benz 943 890 39 19
Mercedes-Benz Actros 1/2/3	gas pressure, twin-tube system	eye/eye	9203 139 480	Mercedes-Benz 943 890 03 19
Mercedes-Benz Actros 1/2/3 Scania R, G, P, 164, 144, 124, 114, 94	gas pressure, twin-tube system	eye/eye	9200 001 277	Mercedes-Benz 942 890 59 19 Mercedes-Benz 943 890 38 19
Mercedes-Benz Actros 2/3	oil pressure, twin-tube system	eye/eye	9200 313 952	Mercedes-Benz 943 890 29 19 Mercedes-Benz 943 890 30 19
Mercedes-Benz Actros 2/3	gas pressure, twin-tube system	eye/eye	1331 505 019	Mercedes-Benz 943 890 50 19
Mercedes-Benz Actros 2/3, Axor 2/3	oil pressure, twin-tube system	eye/eye	9200 001 278	Mercedes-Benz 942 890 61 19
Mercedes-Benz Atego 1/2	oil pressure, twin-tube system	eye/eye	1331 574 103	Mercedes-Benz 958 317 05 03 Mercedes-Benz 970 317 17 03 Mercedes-Benz 970 317 41 03
Renault Magnum	with steel piston		1780 816 003	Renault 5010320096
Renault Magnum	oil pressure, twin-tube system	pin/fork	6420 228 849	Renault 5010228849
Renault Magnum II/III			1788 121 086	Renault 5010491301
Renault Premium I/II	oil pressure, twin-tube system	fork/eye	1788 228 879	Renault 5010615879
Renault Premium I/II, Kerax	gas pressure, twin-tube system	eye/eye	9201 310 410	Renault 5010228908A Renault 5010228908B Renault 5010228908C
Renault Premium I/II, Kerax I			1780 509 003	Renault 5010130797

Suitable for	Version	Fastening	Order no	Comparative no
Scania R, G, P, 124, 114, 94, 3		without fastening element	8000 012 736	Scania 1424231
Scania R, G, P, 164, 144, 124, 114, 94	gas pressure, twin-tube system	pin/pin	9200 290 988	Scania 1424228
Scania R, G, P, 164, 144, 124, 114, 94	gas pressure, twin-tube system	pin/pin	9200 290 203	Scania 1435859
Scania R, G, P, 164, 144, 124, 114, 94		without fastening element	8000 012 660	Scania 1476415
Scania R, G, P, 164, 144, 124, 114, 94		without fastening element	6170 122 722	Scania 1444016
Scania R, G, P, T, 164, 144, 124, 114, 94	gas pressure, twin-tube system	pin/pin	9200 290 987	Scania 1424227
Volvo FH, FH12, FH16, FM	oil pressure, twin-tube system	eye/eye	6170 003 414	Volvo 1622227
Volvo FH12, FH16 II (2002-), FH16 I (1993-)	oil pressure, twin-tube	eye/eye	6171 629 722	Volvo 1629722
Volvo FH16 II (2003-), FH12, FH16 I (1993-)	oil pressure, twin-tube system	eye/eye	6171 629 719	Volvo 1629719 Volvo 1629724 Volvo 3172984
Volvo FH II (2002-2013), FH12 (1993-), FM III (2012-), FM II (2002-), FMX II (2013-), FMX I (2010-)	oil pressure, twin-tube system	eye/pin	1550 128 024	Volvo 21111932
Volvo FH II (2002-2013), FH16 II (2002-2006), FH12, FH16 I (1993-)	oil pressure, twin-tube system	eye/eye	6170 003 617	Volvo 20889134
Volvo FH II (2002-2013), FM II (2002-2013)	oil pressure, twin-tube system	eye/eye	9200 312 694	Volvo 3198859
Volvo FH II (-2008), FM, FMX, NH	oil pressure, twin-tube system	eye/pin	6172 045 325	Volvo 20889132 Volvo 20453256

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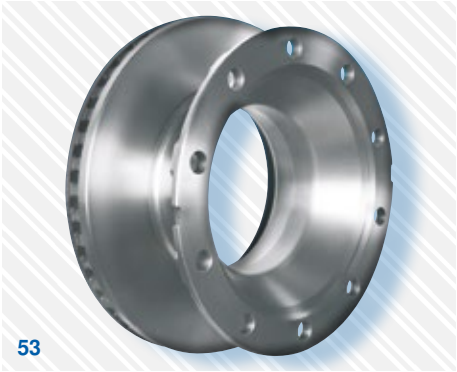
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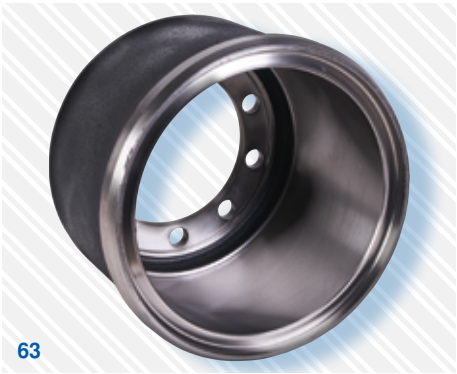
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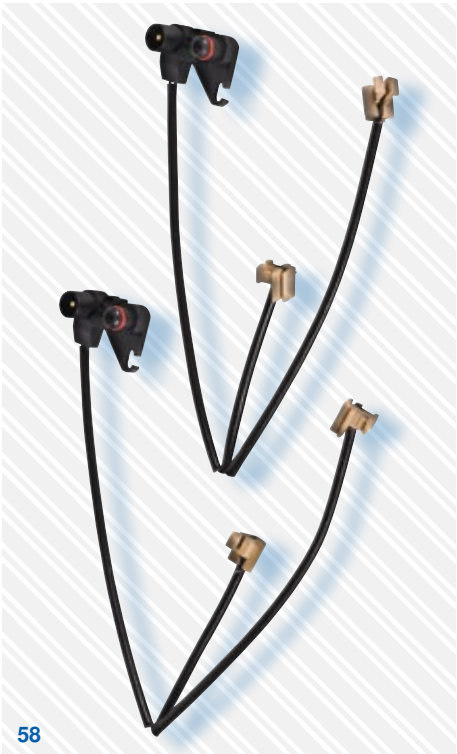
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Braking system

Disc brake.....50–60

Drum brake.....62–69

EUROPART Brake World – Safety in detail



3

ECE R90 – A standard for your safety

EUROPART Premium Parts brake discs and brake pads are tested and approved according to **UN ECE R90**. The **UN ECE regulations** form a set of rules valid throughout Europe for uniformly binding technical regulations.

Regulation R90 describes the requirements for safety-relevant spare parts of the brake system such as brake discs and brake pads. Brake parts that are approved according to this regulation comply with a quality and performance level defined by the legislator, which may not be undercut. Testing and approval are carried out according to binding standards. Approvals are granted by national approval authorities.

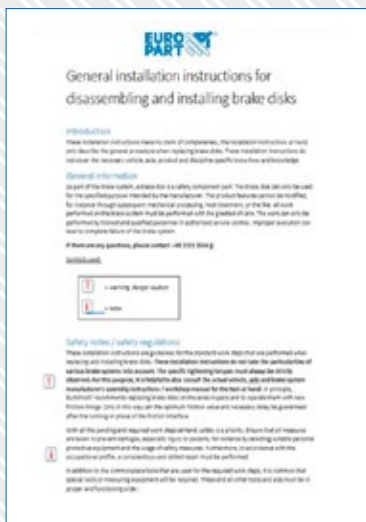
The most important requirement parameters for approval in direct comparison to the original components are:

Conformity of

- Geometric properties
- Chemical composition
- Material structure
- Mechanical properties
- Manufacturing tolerances
- Functional and performance data

In addition to continuous production monitoring, this certification in accordance with UN ECE R90 also obliges product marking, product packaging including installation instructions and labelling to conform to requirements.

It goes without saying that our EUROPART Premium Parts brake discs and brake pads also meet the requirements in these points.



Installation instructions



Product marking



Product labelling

EUROPART brake pads – it's all about the formula down to the gram!

A brake pad seems to be quite simple – a backing plate and friction material? But a disc brake pad can by no means be reduced to these two words.

A disc brake pad must reliably bring several tonnes of moving masses to a standstill from high speeds in the shortest possible time. And it has to do this time and time again, regardless of climate and topography.

Wear- and heat-resistant, low-noise and independent of the operating condition, they must have a friction value that is as constant as possible and, in addition, be well compatible with the friction partner brake disc. These are complex requirements – in addition to the necessary deceleration. All these requirements can only be met by the right combination of materials and the right choice of components.

A EUROPART multi-composite friction lining is a highly intelligent mix. It can consist of up to 40 materials, depending on the application. Each single ingredient has its own special function. The friction lining contains, among other things, binders (ground resins), fibre components (e.g. mineral wool, glass fibres), lubricants (e.g. graphite powder, metal sulphide powder), metallic fillers such as brass, bronze, magnesium and iron), mineral fillers (aluminium oxide) and sulphides (zinc, antimony, molybdenum).

Since any deviation in the composition and processing of the compounds influences the performance and comfort characteristics, EUROPART brake pads are manufactured on state-of-the-art machines under automated and monitored production processes in accordance with the automotive standard of IATF 16949.



Green Coat – a special coating: optimised braking behaviour from the first brake application

Green Coating is a special coating applied to the pad surface, consisting of silicates, which considerably shortens the braking phase of new brake pads.

This special coating on the friction material provides an abrasive surface structure that creates frictional contact with the brake disc. Abrasion is developed directly from the first braking action, due to the intended short service life, which guarantees an optimised and constant coefficient of friction in the interaction of the friction partners brake pad and brake disc.

Furthermore, the "rubbing together" of the friction partners is accelerated. This favours an optimal contact pattern of the brake pad. The geometric adjustment of the friction partners that takes place during the braking phase is shortened.

EUROPART Green Coating brake pads can be recognised by the crescent-shaped stripes applied to the friction lining. The application is carried out using high-precision machines in a screen printing process. The special stencils guarantee adherence to the contour, while laser projectors ensure correct positioning. The automated drying system ensures optimum curing of the material and thus consistent quality.



BRAKE DISCS

3

Braking system

- Produced according to the highest automotive standard (IATF16949), certified by TÜV Rheinland and continuously monitored
- Checking of all significant product properties in collaboration with the KBA
- Our quality management and external test institutions constantly check for compliance with standards
- Consist of a high-quality grey cast iron according to international standards, which gives optimum temperature resistance
- 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
- Manufacturing in partner production; many years of proven cooperation
- Constant innovation in machinery
- High-quality product labelling
- Suitable for all current vehicle types



Brake disc

Version Internally ventilated
Installation location front axle

This figure corresponds to 2072 432 004

Suitable for	∅ x Thickness	Height	Order no	Comparative no
Iveco EuroCargo I/II/III, EuroFire	377 x 45 mm	107 mm	1226 096 708	Iveco 2996708
MAN L2000	330 x 34 mm	104 mm	2072 324 001	MAN 81.50803-0026
MAN TGL, L2000	335 x 34 mm	93 mm	2072 335 001	MAN 81.50803-0042
MAN TGM, M2000L/M	377 x 45 mm	128 mm	2072 377 001	MAN 81.50803-0057
MAN TGX, TGS, TGA, TGM	377 x 45 mm	110,5 mm	2072 377 002	MAN 81.50803-0044
MAN TGX, TGS, TGA, TGM, F2000, M2000	432 x 45 mm	130 mm	2072 432 004	MAN 81.50803-0040
Mercedes-Benz Actros 3/4, Antos, Axor 2/3, Atego 1/2/3/4	335 x 34 mm	102,5 mm	3410 304 181	Mercedes-Benz 970 421 06 12
Mercedes-Benz Atego 1/2/3/4	377 x 45 mm	134 mm	3410 306 760	Mercedes-Benz 975 421 05 12
Renault D-Truck, Midlum Volvo FL II/III	375 x 45 mm	119 mm	1226 098 305	Renault 5010598305 Volvo 20700509
Renault Magnum I	434 x 45 mm	96,5 mm	2087 434 001	Renault 5010422593



Brake disc

Version internally ventilated
Installation location front axle/rear axle

This figure corresponds to 2066 304 001

Suitable for	Ø x Thickness	Height	Order no	Comparative no
Iveco EuroCargo I	304 x 30 mm	128,5 mm	2066 304 001	Iveco 1907725
Iveco EuroCargo I	322 x 30 mm	134 mm	2066 304 002	Iveco 1907726
Iveco EuroCargo I/II/III, EuroFire	330 x 34 mm	141 mm	1226 097 450	Iveco 02997450
Iveco Stralis I/II, EuroCargo II	436 x 45 mm	138,5 mm	2066 436 001	Iveco 2992477
Mercedes-Benz Actros 1/2/3/4, Arocs, Antos, Axor 1/2/3, Atego 1/2, Econic 1/2	430 x 45 mm	132,5 mm	3403 460 000	Mercedes-Benz 942 421 21 12
Mercedes-Benz Actros 1/2/3/4, Arocs, Antos, Axor 1/2/3, Atego 1/2/3, Econic 1	430 x 45 mm	143,5 mm	3403 460 001	Mercedes-Benz 943 421 05 12
Mercedes-Benz Actros 4	430 x 45 mm	131 mm	2030 430 241	Mercedes-Benz 960 421 03 12
Scania R, G, P, T, 164, 144, 124, 114, 94	430 x 45 mm	131 mm	2090 430 001	Scania 1852817



Brake disc

Version Internally ventilated
Installation location rear axle

This figure corresponds to 2029 330 220

Suitable for	Ø x Thickness	Height	Order no	Comparative no
DAF LF45	330 x 34 mm	119 mm	2029 330 220	DAF 1408672
Iveco Stralis I/II	432 x 45 mm	154,5 mm	2066 432 001	Iveco 2996328
MAN TGX, TGS, TGA, TGM, F2000, M2000	432 x 45 mm	135 mm	2072 432 005	MAN 81.50803-0041
MAN L2000	330 x 34 mm	124 mm	2072 330 001	MAN 81.50803-0057
Mercedes-Benz Atego 1/2/3/4	335 x 34 mm	111 mm	2030 335 002	Mercedes-Benz 970 423 06 12
Mercedes-Benz Atego 1/2/3/4	377 x 45 mm	138,5 mm	3410 306 770	Mercedes-Benz 975 423 06 12



Brake disc

Version internally ventilated
Installation location front axle

This figure corresponds to 2087 434 001

Suitable for	∅ x Thickness	Height	Order no	Comparative no
Heuliez GX 117, 127, 317, 327, 427 Irisbus Agora, Arès, Arway, Arway LE, Axer, Citelis, Citelis CNG, Crossway LE, Evadys, Iliade, Magelys, Récréo II	434 x 45 mm	96,5 mm	2087 434 001	Renault 5010422593
MAN Lion's City (A20/A21/A23/A37/A47/A78), Lion's Classic Ü (A72), Lion's Coach (R07/R08/R09), Lion's Regio (R12/R13), Lion's Star (R02/R03), NG (A23), NL (A21), NÜ (A20) 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	432 x 45 mm	130 mm	2072 432 004	MAN 81.50803-0040
Mercedes-Benz Tourino (O 510)	377 x 45 mm	134 mm	3410 306 760	Mercedes-Benz 975 421 05 12
Temsa Opalin	335 x 34 mm	93 mm	2072 335 001	MAN 81.50803-0042



Brake disc

Version internally ventilated
Installation location front axle/rear axle

This figure corresponds to 3410 371 911

Suitable for	∅ x Thickness	Height	Order no	Comparative no
Irisbus Eurorider MAN Lion's City (A20/A23/A37/A47) Mercedes-Benz Citaro (O 530), Cito (O 520) Neoplan Jetliner, Skyliner (N 1122) Scania CN230/250/270/280/310/320/340, K280/310/320/360/380, L94, N94/230/250/270/280/310/320/340, OmniCity Setra S 315/319 NF Solaris Urbino III Temsa Avenue LF, Safari HD, Tourmalin VDL Citea, Bova Futura	430 x 45 mm	131 mm	3410 371 911	Mercedes-Benz 828 500 05 89 Scania 1415147 Setra 8285000589 Solaris 821358300
Irisbus Crossway	436 x 45 mm	138,5 mm	2066 436 001	Iveco 2992477 Irisbus 5001860184
Mercedes-Benz Citaro I/II/C2 (O 530), Integro II (O 550), Intouro II, Turismo I/II (O 350), Travego I/II (O 580) 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	430 x 45 mm	132,5 mm	3403 460 000	Mercedes-Benz 942 421 21 12 Solaris 0820352121
Mercedes-Benz Citaro I/II/C2 (O 530), Integro II (O 550), Intouro II, Turismo II, Travego II Setra S 415 HD, S 417 HDH, S 431 DT, S 415/416/417/419 GT-HD, S 415 NF, S 415/416/417/419 UL, S 519 HD, S 516 HDH, S 515 MD	430 x 45 mm	143,5 mm	3403 460 001	Mercedes-Benz 943 421 05 12
Scania K94/114/124/250/270/310/360/380/400/440, L94, OmniCity	430 x 45 mm	131 mm	2090 430 001	Scania 1852817



Brake disc

Version internally ventilated
Installation location rear axle

This figure corresponds to 2072 432 005

Suitable for	Ø x Thickness	Height	Order no	Comparative no
Fast Scoler III, Syter (Euro 4) MAN Lion's City (A20/A21/A37/A78), Lion's Classic Ü (A72), Lion's Coach (R07/R08/R09), 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) Tamsa Safari Van Hool A320/330, T900	432 x 45 mm	135 mm	2072 432 005	MAN 81.50803-0041
Irisbus Euro rider	432 x 45 mm	154,5 mm	2066 432 001	Iveco 2996328
Mercedes-Benz Tourino (O 510)	377 x 45 mm	138,5 mm	3410 306 770	Mercedes-Benz 975 423 06 12



Brake disc

Version internally ventilated
Thickness 45 mm

This figure corresponds to 2040 430 002

Suitable for	Ø	Height	Hole circle Ø	Number of holes	Order no	Comparative no
BPW	377 mm	159,5 mm	335 mm	10	2040 370 008	BPW 03.088.34.10.7
BPW	377 mm	159,5 mm	335 mm	10	2040 370 002	BPW 03.088.34.06.7
BPW	377 mm	159,5 mm	275 mm	8	2040 370 004	BPW 03.088.34.03.7
BPW	377 mm	159,5 mm	275 mm	8	2040 370 003	BPW 03.088.34.01.7
BPW	377 mm	169,5 mm	335 mm	10	2040 370 006	BPW 03.088.34.08.7
BPW	430 mm	159,5 mm	335 mm	10	2040 430 002	BPW 03.088.35.12.7
Jost/Mercedes-Benz	377 mm	132 mm	238 mm	10	2034 006 480	Mercedes-Benz 675 421 00 12
Gigant	430 mm	155 mm	335 mm	10	5209 267 086	Gigant 709267086
Gigant, SMB	430 mm	155 mm	335 mm	10	9180 200 135	Gigant 700000442
Meritor (ROR)	378 mm	150 mm	250 mm	10	2076 378 002	Meritor 21227349
Meritor (ROR)	434 mm	150 mm	250 mm	10	7678 323 825	Meritor MBR9004
SAF	375 mm	139,5 mm	168 mm	12	2051 000 700	SAF 4 079 0007 03
SAF	430 mm	130 mm	168 mm	12	2051 000 501	SAF 4 079 0005 01
SAF	430 mm	160 mm	335 mm	10	2051 000 301	SAF 4 079 0003 00
Schmitz Cargobull	375 mm	168,5 mm	335 mm	10	1226 088 133	Schmitz 1088133
Schmitz Cargobull	430 mm	168,5 mm	290 mm	10	2088 430 001	Schmitz 017870



Brake disc

Version internally ventilated

This figure corresponds to 2030 304 007

Suitable for	Installation location	∅ x Thickness	Height	Order no	Comparative no
Iveco Daily IV, 05/2006-08/2011	rear axle	294 x 24 mm	87,5 mm	2066 300 076	Iveco 02996043
Iveco Daily IV, 05/2006-08/2011	front axle	300 x 28 mm	74,5 mm	2066 300 207	Iveco 02996131
Iveco Daily IV, 05/2006-08/2011 Daily V, 09/2011-02/2014 Daily VI, 03/2014-	front axle	290 x 28 mm	46 mm	2040 034 862	Iveco 504121612
Iveco Daily IV, 05/2006-08/2011 Daily VI, 03/2014-	rear axle	306 x 28 mm	132 mm	2040 033 779	Iveco 7186848
Mercedes-Benz Sprinter I (901, 902, 903, 904), 01/1995-05/2006 VW LT II, 05/1996-07/2006	front axle	276 x 22 mm	77 mm	2030 276 001	Mercedes-Benz 901 421 03 12 VW 2D0 615 301 A/B/C/D
Mercedes-Benz Sprinter I (904), 02/1996-05/2006 VW LT II, 05/1996-07/2006	rear axle	285 x 22 mm	93 mm	3500 009 766	Mercedes-Benz 904 423 03 12 VW 2D0 615 601 B
Mercedes-Benz Sprinter II (906), 06/2006- VW Crafter I, 04/2006-	front axle	300 x 28 mm	68,4 mm	2030 300 421	Mercedes-Benz 906 421 01 12 VW 2E0 615 301
Mercedes-Benz Vario, 1996-	front axle	304 x 30 mm	91 mm	2030 304 007	Mercedes-Benz 668 421 01 12
Mercedes-Benz Vario, 1996-	front axle	324 x 30 mm	91 mm	2030 324 003	Mercedes-Benz 668 421 02 12
Mercedes-Benz Vario, 1996-	rear axle	324 x 30 mm	120 mm	9464 230 512	Mercedes-Benz 668 423 05 12
Nissan NV400 Opel Movano B Renault Master III, 02/2010-	front axle	302 x 28 mm	69,8 mm	2087 302 212	Nissan 4020600Q0G Opel 4419359 Renault 8200688880
VW T5, 04/2003-08/2015	front axle	308 x 29,3 mm	55,5 mm	2052 308 201	VW 7H0 615 301 D



Brake disc

Version solid

This figure corresponds to 2030 300 421

Suitable for	Installation location	∅ x Thickness	Height	Order no	Comparative no
Iveco Daily II, 01/1989-	rear axle	289 x 22 mm	84,5 mm	2040 010 633	Iveco 7180256
Iveco Daily II, 01/1989-	front axle	267 x 14,2 mm	111 mm	2040 011 269	Iveco 93800492
Iveco Daily II, 01/1989- Daily III, 05/1999-04/2006	front axle	290 x 22 mm	110,5 mm	2040 011 267	Iveco 93821918 Iveco 1908772
Iveco Daily III, 05/1999-04/2006	front axle	290 x 22 mm	110,5 mm	2040 010 792	Iveco 504079365
Mercedes-Benz Sprinter I (901, 902, 903), 02/1995-05/2006 VW LT II, 05/1996-07/2006	rear axle	258 x 12 mm	95,5 mm	2030 258 001	Mercedes-Benz 901 423 04 12 VW 2D0 615 601 C
Mercedes-Benz Sprinter I (901, 902, 903), 02/1995-05/2006 VW LT II, 05/1996-07/2006	rear axle	272 x 16 mm	95,5 mm	2030 272 001	Mercedes-Benz 902 423 01 12 VW 2D0 615 601 A/D
Mercedes-Benz Sprinter II (906), 06/2006- VW Crafter I, 04/2006-	rear axle	298 x 16 mm		2030 298 168	Mercedes-Benz 906 423 00 12 VW 2E0 615 601A
Mercedes-Benz Viano (W639) Vito (W639)	rear axle	296 x 10 mm	53 mm	2030 296 158	Mercedes-Benz 639 423 01 12

EUROPART brake pads – development is continuing

3

1999

ECE R90 in force since 1999

- Comparable to the European OEM standard
- Standardisation of testing methods
- Creation of a binding quality standard for the aftermarket

Validation of the performance characteristics against the original manufacturer

- Speed testing
- Pressure resistance testing
- Wear testing

2015

Truck Race since 2015

- Material requirements far in exceedance of the statutory standards

Extreme stresses

- Up to 160 km/h
- Disc temperatures between 600 and 800°C
- Water-cooled brake discs

2019

Green Coating in 2019

- Increase in braking performance and comfort due to shorter running-in phase of the disc lining – exceeds the requirements of ECE R90



EUROPART disc brake pads with Green Coating

Special:

- Constant friction coefficient right from the start
- Shorter running-in period with optimised wear pattern between brake lining and brake disc
- Striped friction surface varnish
- Application with state-of-the-art high-precision screen-printing equipment
- The contour is maintained by using special stencils
- Laser projectors for proper positioning of the varnish on the coating
- Consistent quality through automated painting and drying plant

General:

- Production to the highest standards in automotive IATF 16949 – DEKRA-certified
- Product certification to UN ECE R90
- Developmental testing scope exceeds R90:
 - Comfort: Noise testing
 - Service life: Disc tolerance
- Automated production processes with cutting-edge equipment
- Multi-composite friction lining, includes bonding agents (milled resins), fibre components (including mineral wool, glass fibre), lubricants (graphite powder, metal sulphide powder), metallic (e.g. brass, iron) and mineral (e.g. aluminium oxide) fillers.
- Mix of friction linings optimised to suit the user profile
- No undesirable braking noises
- Accessory parts provided



Brake pad set

Version with Green Coat

Scope of supply
with accessories

This figure corresponds to 2323 405 206

Suitable for	VWA no.	Lining width	Lining thickness	Brake system	Order no	Comparative no
DAF XF Euro 6, XF105, XF95, 95XF, CF Euro 6, CF85, CF75, CF65, 85CF, LF55 Iveco Stralis I/II, EuroCargo I/II, EuroTech, EuroTrakker, Trakker Irisbus Euro rider MAN TGX (2013-), TGX (2007-), TGS, TGA, TGM (2013-), TGM MAN Lion's Coach (R07/R08/R09) Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1/2, Econic 1 Mercedes-Benz Intouro II, Turismo I/II (O 350), Travego II Neoplan Cityliner (N 12XX), Skyliner (N 1122/2011-), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516) Scania R, G, P, T, 164, 144, 124, 114, 94 Scania OmniCity 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	29061	109,5 mm	30,00 mm	SB/SN 7	2323 405 206	DAF 1800830 Iveco 2992348 MAN 81.50820-6030 Mercedes-Benz 008 420 60 20 Scania 1390428
DAF XF95, 95XF, CF85, CF75, CF65, 85CF, LF55 Iveco Stralis I/II, EuroCargo I/II, EuroTech, EuroTrakker, Trakker I/II, Strator Irisbus Euro rider MAN TGX (2013-), TGX (2007-), TGS, TGA, TGM (2013-), TGM MAN Lion's Coach (R07/R08/R09) Mercedes-Benz Actros 1/2, Axor 1/2, Atego Neoplan Cityliner (N 12XX), Skyliner (N 1122), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516) Scania 94, 114, 124, 144, 164	29059, 29061, 29087, 29108, 29201	109,5 mm	30,00 mm	SB/SN 7	2323 405 207	DAF 1439324 Iveco 2992476 MAN 81.50820-6056 Mercedes-Benz 002 420 49 20 Scania 1390428
Fast Scoler III, Starter, Syter Irisbus Agora, Arès, Iliade MAN TGA, F2000, F90 MAN Lion's City (A20/A21/A37), Lion's Star (R02/R03), NG (A11/A23), NL (A10/A15/A21), NÜ (A20) Mercedes-Benz Turismo I (O 350), O 404 Neoplan Centroliner (N 45XX), Tourliner (N 2216), Trendliner (N 3516) Renault Magnum I/II, Premium I, R (Major), G (Manager) Setra S 315/319 NF Temsa Safari	29030, 29113, 29210	118,2 mm	28,00 mm	D ELSA 1	2129 030 009	MAN 81.50820-6046 Mercedes-Benz 002 420 55 20
Iveco EuroCargo I/II, EuroFire MAN TGX, TGS, TGA, TGM Mercedes-Benz Atego 1/2/3/4	29095	92,5 mm	30,00 mm	SB6000	2129 095 006	Iveco 2992336 MAN 81.50820-6058 Mercedes-Benz 002 420 79 20
Iveco EuroCargo II/III, EuroFire	29256	95 mm	27 mm	Brembo 2x68	2129 256 008	Iveco 2996518
MAN TGL (2008-), TGL Mercedes-Benz Actros 3/4, Antos, Axor 2/3, Atego 1/2/3/4	29183	84 mm	27,00 mm	SB/SN 5	2129 115 008	MAN 81.50820-6063 Mercedes-Benz 008 420 66 20
MAN TGX (2013-), TGX (2007-), TGS MAN Lion's Coach Neoplan Cityliner, Skyliner	29279	107,3 mm	30,8 mm	MAXX 22	2323 029 279	MAN 81.50820-6065
Mercedes-Benz Actros 4, Arocs, Antos, Axor 1/2/3, Econic 1/2	29244	111,3 mm	35 mm	SL7	2129 244 008	Mercedes-Benz 006 420 53 20
Mercedes-Benz Actros 4, Arocs, Antos, Axor 1/2/3, Atego 3, Econic 1/2	29246	111,3 mm	35 mm	SM7	2129 246 008	Mercedes-Benz 006 420 52 20
Renault Magnum II/III, Premium II Volvo FH III (2013-), FH II (2006-2011), FM II (2006-2013), FE II (2013-), FE I (2010-2012) Volvo B5LH, B7R, B9L, B9R, B9TL, B13R	29174	106,9 mm	29,20 mm	ELSA 225-3	2129 174 008	Renault 7421399929 Volvo 20568711
Scania R, G, P, T	29331	107,9 mm	30,00 mm	SN7 HP	2129 331 008	Scania 2325212
Volvo FH II (2002-2006), FH12 (1993-), FH16 II (-2006), FH16 I (1999-), FM II (2002-2006), FM12, FM10, FM9, FM7 (1999-) Volvo B7R, B9L, B9R, B9TL, B12B, B12R	29125, 29277	110 mm	29,20 mm	D-DUCO	2129 125 009	Volvo 3095396
Volvo FL II (2010-2012)	29181	93,2 mm	30,00 mm	Haldex DB19	2129 181 008	Volvo 20844903



Brake pad set

Version with Green Coat

This figure corresponds to 2129 029 306

Suitable for	WVA no.	Lining width	Lining thickness	Brake system	Order no	Comparative no
BPW	29306	92,5 mm	30,00 mm	SB3745	2129 029 306	BPW 09.801.08.15.1
BPW	29307	109,5 mm	30,00 mm	SB4345	2129 029 307	BPW 09.801.08.17.1
BPW	29308	108 mm	30,00 mm	SB4309T (SK7)	2129 029 308	BPW 09.801.08.16.0
Meritor	29125, 29277	110 mm	29,20 mm	D-DUCO	2129 125 009	Meritor MDP5057
SAF, Jost/Mercedes-Benz	29158	108 mm	30,00 mm	SK7	2129 158 009	SAF 3 057 0085 00 Mercedes-Benz 004 420 70 20
SAF	29162	109,8 mm	31,00 mm	PAN 22-1	2129 162 100	SAF 3 057 0084 00



Brake pad set

This figure corresponds to 2129 007 030

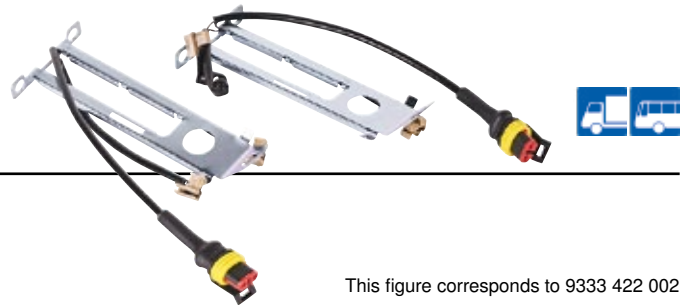
Suitable for	Installation location	WVA no.	Lining thickness	Brake system	Order no	Comparative no
Citroën Jumper II (250), 04/2006- Fiat Ducato III (250, 290-), 07/2006- Peugeot Boxer II (250), 04/2006-	rear axle	24465, 22041	19,10 mm	Brembo	2129 650 703	Citroën 1611140880
Citroën Jumper II (250), 04/2006- Fiat Ducato III (250), 07/2006- Peugeot Boxer II (250), 04/2006-	front axle	24468, 24469	19,00 mm	Brembo	2129 244 690	Citroën 425358
Ford Transit, 04/2006-	rear axle	24486	17,00 mm	Bosch	2129 607 021	Ford 1819638
Iveco Daily, 05/1999-, Daily, 05/2006- Renault Master II, 01/2004-, Mascott II	front axle/rear axle	29121	20,30 mm	Brembo	2129 121 603	Iveco 2992339 Renault 5001844747
Iveco Daily IV, 05/2006-, Daily V, 09/2011- Daily VI, 03/2014-	front axle	29229	20,8 mm	Brembo	2129 007 030	Iveco 42576975
Iveco Daily IV, 05/2006-, Daily V, 09/2011- Daily VI, 03/2014-	rear axle	29231	22,80 mm	Brembo	2129 317 030	Iveco 42555633
Mercedes-Benz Sprinter I (901, 902, 903, 904), 02/1995-05/2006 VW LT II, 05/1996-07/2006	front/rear axle	29076	20,00 mm	Perrot	2129 076 008	Mercedes-Benz 002 420 41 20 Mercedes-Benz 003 420 72 20 VW 2D0 698 151 B
Mercedes-Benz Sprinter I (901, 902, 903, 904), 02/1995-, Vito I (W638), 09/1996- VW LT II, 05/1996-	front axle	21576, 21577	20,70 mm	ATE	2129 607 031	Mercedes-Benz 002 420 39 20 VW 2D0 698 151
Mercedes-Benz Sprinter I (901, 902, 903, 904), 02/1995-, Vito I (W638), 09/1996- VW LT II, 05/1996-	rear axle	21592, 21593	18,30 mm	ATE	2159 200 705	Mercedes-Benz 002 420 60 20 VW 2D0 698 451
Mercedes-Benz Sprinter II (906), 06/2006- Sprinter III (907), 02/2018-, Vito II (W639), 09/2003- Vito III (W447), 10/2014- VW Crafter I, 04/2006-	front axle	29192	20,90 mm	Brembo	2919 200 703	Mercedes-Benz 004 420 83 20 VW 2E0 698 151
Mercedes-Benz Sprinter II (906) VW Crafter I	front axle	29200	20,80 mm	Brembo	2129 070 300	Mercedes-Benz 004 420 82 20 VW 2E0 698 151
Mercedes-Benz Sprinter II (906) VW Crafter I	rear axle	29190	19,80 mm	Bosch	2129 070 310	Mercedes-Benz 004 420 69 20 VW 2E0 698 451
Mercedes-Benz Sprinter II (906) VW Crafter I	rear axle	29217	20,50 mm	Bosch	2129 170 730	Mercedes-Benz 004 420 81 20 VW 2E0 698 451 B
Mercedes-Benz Viano II (W639), 09/2003- Vito II (W639), 09/2003-	rear axle	24008	18,30 mm	Bosch	2400 800 703	Mercedes-Benz 001 421 10 10
Nissan NV400 (X62, X62B), 11/2011- Opel Movano B (X62), 05/2010- Renault Master III, 02/2010-	front axle	25147, 25165	18 mm	Brembo	2514 700 703	Renault 410604386R
VW T5, 04/2003-08/2015, T6, 04/2015-	front axle	23746, 23747, 23749	20,10 mm	ATE	2374 610 703	VW 7H0 698 151 A
VW T5, T6	rear axle	23326	17,50 mm	TRW	2129 807 021	VW 7H0 698 451

WEAR INDICATORS

3

Braking system

- Production certified to the highest automotive standard (IATF 16949) and continuously monitored by independent institutions
- Consists of high-quality materials to support flawless functionality: including plastics (high-quality polyamides, 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



Warning contact set for disc brake

Scope of supply
1 set = 2 units

This figure corresponds to 9333 422 002

Suitable for	WVA no.	Length	Order no	Comparative no
DAF LF55 Van Hool AG300 (10/2006-)	29088	323 mm	9333 422 002	DAF 68323004
Irisbus Euro rider Scania R, G, P, T, 164, 144, 124, 114, 94 Scania K114/124/360/380, L94, Irizar PB	29108, 29179	315 mm	9333 352 001	Iveco 1903651 Scania 1388953
Iveco EuroCargo II, EuroFire	29122, 29374	210 mm	9333 552 002	Iveco 2992393
Iveco EuroCargo I/II, EuroFire Van Hool TD925, TD927 (10/2006-)	29065, 29067	200 mm	9333 301 901	Iveco 1906462
MAN M2000L, L2000 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 81.50822-6014
MAN TGA, F2000, M2000, F90 MAN Lion's Coach (R07/R08), Lion's Comfort (RN313/RN353), Lion's Star (R02/R03), EL (A12), NG (A11), NL (A10/A15) Temsa Diamond 14 (2006-) Van Hool A series, T series	29093, 29094	385 mm	9333 412 002	MAN 81.50822-6016
MAN M2000L MAN NL (A10/A15)	29093, 29095	395 mm	9333 412 005	MAN 81.50822-6029
Renault D-Truck (2013-), Midlum I/II	29088, 29117	303 mm	9333 312 001	Renault 5010848607

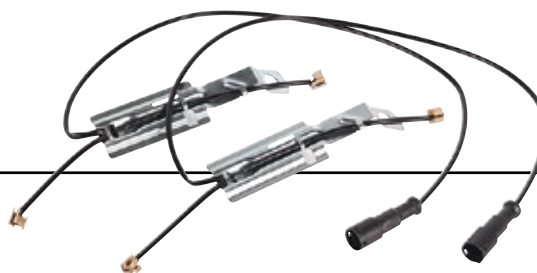


Wear indicator kit for disc brake

Scope of supply
1 set = 2 units

This figure corresponds to 9333 342 002

Suitable for	WVA no.	Length	Order no	Comparative no
Iveco EuroCargo I/II/III		295 mm	9333 301 902	Iveco 1908407
Iveco Stralis I, EuroCargo I, EuroStar, EuroTech, Trakker I Scania K94/114/124/360/380, L94 VDL Berkhof Ambassador	29108, 29179	315 mm	9333 342 002	Iveco 42560843 Scania 1388953
Mercedes-Benz Atego 3	29093, 29095	750 mm	9333 472 002	Mercedes-Benz 946 542 01 18
Renault Magnum II/III, Premium II, C-Truck (2013-), Midlum II Volvo FH II (2005-), FM II (2005-), FE I (2006-), FL II (2006-), FMX I (2010-)	29174, 29173	360 mm	9333 311 903	Renault 68325408



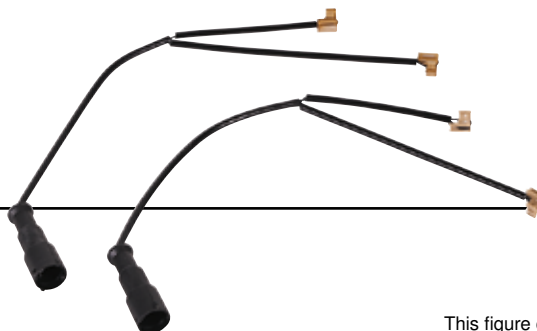
Warning contact set for disc brake

Scope of supply

1 set = 2 units

This figure corresponds to 9333 472 003

Suitable for	Brake system	Order no	Comparative no
SAF SK Gigant Protec (01/2000-)	WABCO PAN 19	9333 472 003	SAF 1 248 0036
SAF SKRLB, SKRS, SKRZ Valx RLOX0910/RLSX0910	WABCO PAN 22	9333 129 997	SAF 3 424 2009 00 Valx 50380002



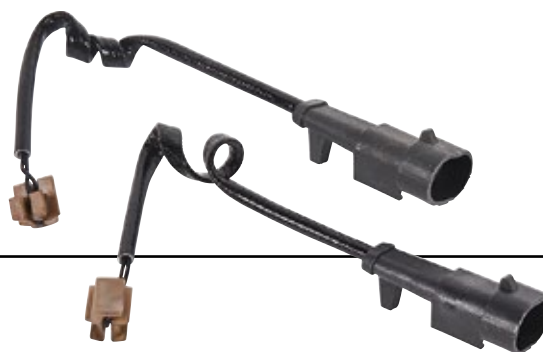
Wear indicator kit for disc brake

Scope of supply

1 set = 2 units

This figure corresponds to 9333 472 001

Suitable for	Brake system	WVA no.	Length	Order no	Comparative no
BPW, SAF	Knorr SB7	29087, 29108	365 mm	9333 472 001	BPW 05.801.51.74.0 SAF Z 000 8241
SAF SK Gigant Protec (01/2000-)	Knorr SB6	29093, 29095	750 mm	9333 472 002	BPW 05.801.51.70.0 SAF Z 000 8242



Warning contact set for disc brake

Scope of supply

1 set = 2 units

This figure corresponds to 9333 552 002

Suitable for	Installation location	Length	Order no	Comparative no
Iveco Daily III, 05/1999- Daily IV, 05/2006-08/2011	front axle/rear axle	210 mm	9333 552 002	Iveco 2992393
Iveco Daily IV, 05/2006-08/2011 Daily V, 09/2011-02/2014 Daily VI, 09/2016-	front axle	120 mm	9333 552 001	Iveco 500054697
Mercedes-Benz Sprinter II (906) VW Crafter I	rear axle	84 mm	9332 414 601	Mercedes-Benz 906 540 13 17 VW 2E0 906 206 B
Mercedes-Benz Sprinter II (906), Sprinter III (907) VW Crafter I	front axle	109 mm	9332 416 204	Mercedes-Benz 906 540 15 17 VW 2E0 906 206 C



Wear indicator kit

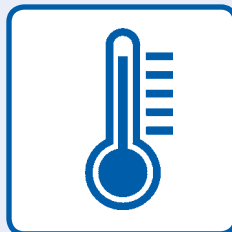
This figure corresponds to 9333 500 054

Suitable for	Length	Order no	Comparative no
Iveco Daily III, 05/1999- Daily IV, 05/2006- Daily V, 09/2011- Daily VI, 03/2014-	300 mm	9333 500 054	Iveco 500054695
Iveco Daily II, 01/1989- Daily III, 05/1999-	295 mm	9333 301 902	Iveco 1908407

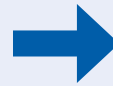
EUROPART PREMIUM PARTS IN TRUCK RACING



Maximum speed up to 160
km/h



Up to 600°C on the brake
disc (water-cooled brakes)



Over 4 hours of extreme
stress

EUROPART Premium Parts brake discs withstand an entire racing weekend!

The pad is replaced after each race. We guarantee the high quality and durability of our parts even beyond the ECE R90 Directive, which is required by legal regulations!



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www.reinert-logistics.com

REINERT LOGISTIC GMBH & CO. KG
DIRECTOR: RENE REINERT
NEUSTÄDTER STRASSE
02959 SCHLEIFE/OT MULKWITZ

"Powered by Passion" – Efficient and powerful during the week, full power at the limit at the weekend! This is a good way to sum up the attitude of REINERT Logistics and REINERT Racing.

Backed by over two decades of experience in the fields of transport and logistics, our 900 employees and 600 vehicles at 9 locations provide our customers with advice and support. Innovation and communication are our top priorities and were ideal prerequisites for our successful entry into truck racing.

In the European Truck Race Championship, we have been relying on EUROPART's own brand for several years. Under Truck Race Approved, the

quality and reliability of EUROPART brake discs and brake pads is proven.

EUROPART brakes do an outstanding job, even in tough racing conditions. For us, this is a real alternative to conventional manufacturer products.

Just four years later, in the 2016 season, our team spirit and high performance standards for man and material were rewarded and we clinched 3rd place in the individual overall standings, at the same time celebrating victory in the team overall standings with Team REINERT Adventure.



BRAKE DRUMS

3

Braking system

- Production according to the highest automotive standard (IATF16949), certified by DQS and continuously monitored
- Use of a high-quality and temperature-resistant grey cast iron alloy together with the precision of the manufacturing process guarantee:
 - Exact adherence of the diameter of the friction surface with minimal shape tolerances
 - Optimum surface roughness, enabling rapid running-in
 - Very stable friction values in all load states
 - Very high efficiency
 - High precision fit
 - Very good heat conductivity
- High resistance to wear with maximum reliability
- 100 % testing for radial run-out
- High safety in original equipment quality
- Wide range coverage
- High-quality product labelling



Enrico Savarino
Own-brand representative

„ The brake system product group is so special because...

*... our variety of products in the brake segment enables us to respond flexibly to a wide range of customer needs
... our products have an outstanding price-performance ratio
... we guarantee consistent product quality through our quality management.*

Please feel free to contact us about our EUROPART Premium Parts, together we will find the optimal solution for you. “



Brake drum

Number of holes 10

This figure corresponds to 2066 410 003

Suitable for	Installation location	Inner \varnothing	Height	Order no	Comparative no
Iveco EuroStar, EuroTech, EuroTrakker	rear axle	410 mm	283 mm	2066 410 003	Iveco 42118427
MAN TGX, TGS, TGA, F2000, M2000L/M, F90, M90 MAN NL (A10)	rear axle	410 mm	300 mm	2030 410 508	MAN 81.50110-0144
MAN TGS, TGA, TGM, F2000, L2000, M2000L, F90, M90	front axle	410 mm	250 mm	2072 410 016	MAN 81.50110-0213
MAN TGX, TGS, TGA, TGM, F2000, M2000L/M, F90, M90	rear axle	410 mm	280 mm	2072 410 002	MAN 81.50110-0101
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1, SK	rear axle	410 mm	306 mm	2030 410 040	Mercedes-Benz 305 423 07 01
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1, SK, MK, NG Mercedes-Benz O 405 N, O 407, O 408	rear axle	410 mm	306 mm	2030 410 034	Mercedes-Benz 305 423 04 01
Mercedes-Benz Actros 1/2, Atego 1/2, SK, NG	front axle	410 mm	260 mm	2030 410 049	Mercedes-Benz 387 421 02 01
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1/2, SK, MK, NG	front axle	410 mm	237 mm	2030 410 039	Mercedes-Benz 658 421 00 01
Scania R, G, P, T, 164, 144, 124, 114, 94	front/rear axle	413 mm	275,5 mm	2090 413 033	Scania 1414153
Scania R, G, P, T, 164, 144, 124, 114, 94	rear axle	413 mm	320 mm	2090 413 014	Scania 360573
Volvo FH12, FH16	front axle	410 mm	261 mm	2009 410 018	Volvo 10753069
Volvo FM7 I (-2001)	front axle/rear axle	410 mm	294 mm	2009 410 016	Volvo 3171747
Volvo FH12, FH16, FM7, FM9, FM10, FM12, FL6	front/rear axle	410 mm	295 mm	2009 410 001	Volvo 1599011
Volvo FH12, FH16, FM7, FM9, FM10, FM13, FL6	front/rear axle	410 mm	261 mm	2009 410 002	Volvo 1599009



Brake drum

This figure corresponds to 2040 421 813

Suitable for	Inner \varnothing	Height	Number of holes	Order no	Comparative no
BPW NH, NR, KH, KR, NH, NR, NM, ZN, ZR, ZX, ZZ	300 mm	260 mm	10	2040 302 011	BPW 03.105.46.29.0
BPW N.. ECO-MAXX/MAXX	300 mm	260 mm	10	2040 302 014	BPW 03.109.46.06.0
BPW K.. ECO-MAXX/ECO Plus/ECO Plus 2	360 mm	259 mm	8	2040 362 003	BPW 03.109.90.03.0
BPW HB, HI, HS, HZ, HZM, HZD, ECO	420 mm	226 mm	10	2040 421 813	BPW 03.109.67.13.0
BPW HB, HI, HS, HZ, HZM, HZD, ECO-MAXX	420 mm	226 mm	10	2040 421 814	BPW 03.109.67.19.0
BPW HB, HI, HS, HZ, HZM, HIZ, H/R	420 mm	259 mm	10	2040 421 815	BPW 03.109.77.17.0
Meritor TM AC	311 mm	261 mm	10	2076 310 002	Meritor 21018963
Meritor TM QE, LM	419 mm	238 mm	10	2076 419 004	Meritor 21220183
Meritor TM Z	419 mm	272 mm	10	2076 419 001	Meritor 21021114
SAF SK RZ	300 mm	280 mm	10	2051 027 300	SAF 1 064 0273 00
SAF SK RLS, SK RS	420 mm	227 mm	10	2051 026 001	SAF 1 064 0260 02
SAF SK RZ, SK RLS, KRS, SK RS	420 mm	255 mm	10	2051 027 000	SAF 1 064 0270 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	10	9180 003 717	SMB M003176

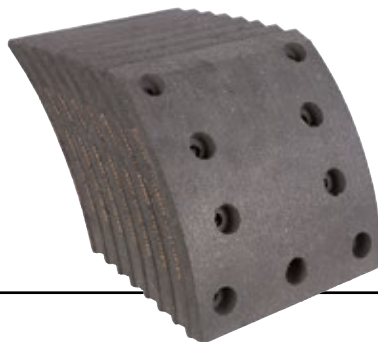
DRUM BRAKE LINING

3

Braking system

- R90-certified: we meet the most demanding of European standards
- Production certified to the highest automotive standard (IATF 16949) and continuously monitored by independent institutions
- ISO 14001:20044
- High level of expertise due to decades of development and production
- Secret mixture consisting of a variety of organic and inorganic materials
- Ultra-modern production with 100 % production depth
- High product coverage





Brake lining set

This figure corresponds to 2119 486 008

Suitable for	WVA no.	Lining width	Lining thickness	Order no	Comparative no
MAN TGM, M2000L/M, F90, M90 Mercedes-Benz Actros 1/2/3, Axor 2/3, Atego 1/2/3/4	19494	163 mm	17,00 mm	2119 486 008	MAN 81.50221-6093 Mercedes-Benz 621 421 09 10
MAN TGX, TGS, TGA, F2000, M2000L/M, F90, M90 Mercedes-Benz Actros 1/2/3, Arocs, Axor 1/2/3, Atego 1/2/3/4, Econic 1/2	19496	223 mm	17,00 mm	2119 488 008	MAN 81.50221-6101 Mercedes-Benz 305 423 03 10 Mercedes-Benz 617 423 55 11 Mercedes-Benz 659 423 39 10
MAN TGX, TGS, TGA, TGM, TGL, F2000, M2000L/M, F90, M90 Mercedes-Benz Actros 1/2/3, Arocs, Axor 1/2/3, Atego 1/2/3/4, Econic 1/2	19495	183 mm	17,00 mm	2119 487 008	MAN 81.50221-0850 Mercedes-Benz 346 423 00 10 Mercedes-Benz 617 423 13 30 Mercedes-Benz 659 423 43 10
MAN NL (A10) Mercedes-Benz Actros 1/2/3, Arocs, Axor 1/2/3, Atego 1	19496, 19488	223 mm	18,30 mm	2119 488 108	MAN 81.50221-6102 Mercedes-Benz 617 423 31 11 Mercedes-Benz 617 423 06 30
Renault Magnum I, R (Major), G (Manager)	19032	180 mm	18,80 mm	2119 032 108	Renault 5000823924
Scania R, G, P, T, 164, 144, 124, 114, 94, 143, 113, 93 Scania CK310/420/440, F93/94/113/114/230/250/270/310/360, K93/94/113/114/124/230/250/270/280/310/320/340/360/380/400/410/420/440/460, L94/113, N113	19932	203 mm	19,00 mm	2119 932 008	Scania 1109003 Scania 551124
Volvo FH II (2002-2011), FH12 (1993-), FH16 II (-2006), FH16 I (1993-), FM II (2002-2012), FM12, FM10, FM9, FM7 (1999-), FL12, FL10, FL7, FL6	19071	200 mm	18,30 mm	2119 939 008	Volvo 3095179
Volvo FH II (2002-2011), FH12 (1993-), FH16 II (-2006), FH16 I (1993-), FM II (2002-2012), FM12, FM10, FM9, FM7 (1999-), FL12, FL10, FL7, FL6	19090	175 mm	18,30 mm	2119 938 008	Volvo 3095177



Brake lining set

This figure corresponds to 2119 032 009

Suitable for	WVA no.	Lining width	Lining thickness	Order no	Comparative no
BPW E 8010, EHF 3010, EHI 5500-1, EHIZ 14000, EHIZVB 14000, EHIZVB 14010, EHS 5508-1, EHXZ 10000-3, EHZ 10010-3, EHZ 9010-3, EHZDO 10010, HSF 9010, HSF 9010-15, HSFH 9010, HSFH 9010-15, HSFHLL, HSFLL, HSM, HSMH, HSMHLL, HXZ, HXZH, HZ, HZF, HZFH, HZM, HZMD, HZMDH, HZMDH, HZMDHOM, HZMDHOT, HZMDO	19094	200 mm	17,50 mm	2119 094 008	BPW 03.092.27.24.0
BPW H, M, R	19032	180 mm	17,50 mm	2119 032 009	BPW 03.092.26.85.0
BPW KH, KM, KR	19902	200 mm	18,00 mm	2119 902 008	BPW 03.092.19.08.0
BPW NH, NM, NR, NRD, ZR, ZZ	19573	150 mm	18,00 mm	2119 573 008	BPW 03.092.13.31.0
BPW NH..., NM..., NR..., NRD..., ZR..., ZZ...	19574	200 mm	17,50 mm	2119 574 009	BPW 03.092.14.27.0
SAF KRS, KRZ, KRZM, RLSM, RSM, RZM, RZT, SK, SKRLS, SKRS, SKRZT, WRZM	19477	203 mm	20,60 mm	2119 477 008	SAF 1 057 0066 00
SAF KRS, RBM, RLB, RSM, RZM, SKRLS, SKRLZ, SKRS, SKRZ, SKZRLZ, WRZM	19283	180 mm	19,90 mm	2119 283 008	SAF 1 057 0060 00
SAF RBM, RSM, RZM, SKRLS, SKRLZ, SKRS, SKRZ, SKZRLZ, WRZM	19032	180 mm	18,80 mm	2119 032 108	SAF 1 057 0012 10
SAF RZM 13130, SKRS 9030, WRLZM 8130, 8435, 11030	19515	200 mm	16,30 mm	2119 515 008	SAF 3 057 3924 00
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	2119 036 028	
York 8002, 8003, 8012, AGB-100/20	19369	219 mm	18,60 mm	3002 410 566	

BRAKE SHOES

3

Braking system

- Production certified to the highest automotive standard (IATF 16949) and continuously monitored by independent institutions
- State-of-the-art manufacture with fully automated welding and drilling processes
- Employment of high-quality materials in initial equipment quality
- Exact compliance with all function-relevant dimensions
- Shoe support and shoe roll support (cam and anchor end) are hardened for very high resistance to wear
- Employment of state-of-the-art coating systems for a reliable corrosion protection
- Salt spray test of all accessories
- Materials used fulfil international standards
- No processed parts, new parts only
- Wide program cover for all usual brake systems
- High-quality product markings



Brake shoe

This figure corresponds to 1304 212 000

Suitable for	Brake size	Order no	Comparative no
BPW	300 x 200 mm	1304 214 190	BPW 05.091.14.19.0
BPW	300 x 200 mm	1304 203 027	BPW 05.091.14.80.0
BPW	360 x 200 mm	1304 219 340	BPW 05.091.19.34.0
BPW	420 x 180 mm	1304 246 170	BPW 05.091.46.17.0
BPW	420 x 180 mm	1304 226 642	BPW 05.091.26.64.2
BPW Type 95	420 x 200 mm	1304 227 830	BPW 05.091.27.83.0
Fruehauf	419 x 178 mm	1304 206 204	Fruehauf M006204
Meritor (ROR)	310 x 190 mm	1304 220 600	Meritor 15206005
Meritor (ROR)	419 x 178 mm	1304 224 724	Meritor 15224724
SAF	300 x 200 mm	1304 212 900	SAF 3 054 0129 01
SAF	420 x 180 mm	1304 212 000	SAF 3 054 0120 00

SLACK ADJUSTER

- Produced according to the highest automotive standard (IATF16949), certified by TÜV NORD and continuously monitored
- KBA-certified: we meet the most demanding of European standards
- 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
- Broad product portfolio: automatic as well as manual slack adjusters are covered
- Homogeneous, high-quality product marking using modern technology (laser)

Read online now:

EUROPART – Competence in brakes

In our brochure on the subject of brakes, you will find 68 pages of concentrated expertise on all aspects of brakes:

- More than 270 articles on 68 pages
- Disc and drum brakes
- Special tools and workshop equipment

We would be pleased to answer any questions you may have!

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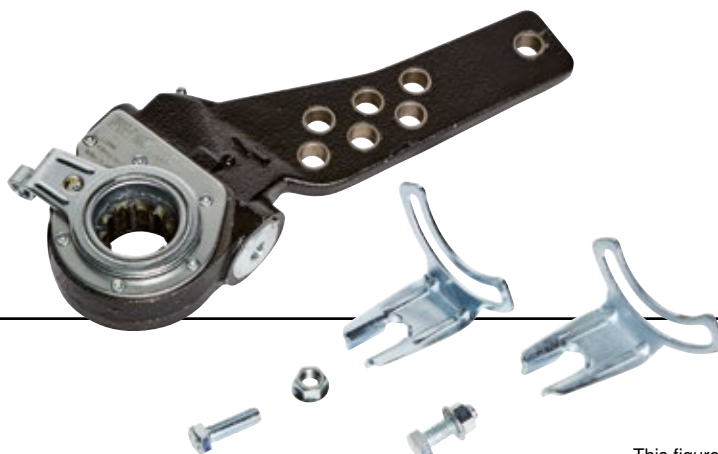
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Slack adjuster

Version automatic, 1 piece

Suitable for	Installation location	Installation side	Fig.	Order no	Comparative no
Mercedes-Benz Actros 1/2/3, Arocs, Axor 1/2/3, Atego 1 (18 t), Atego 1/2/3/4, Econic 1/2	front axle	left	1	1205 866 510	Mercedes-Benz 945 420 00 38
Mercedes-Benz Actros 1/2/3, Arocs, Axor 1/2/3, Atego 1 (18 t), Atego 1/2/3/4, Econic 1/2	front axle	right	2	1205 866 515	Mercedes-Benz 945 420 01 38 Mercedes-Benz 942 420 13 38
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1	rear axle	left	3	1205 866 500	Mercedes-Benz 945 420 02 38
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1	rear axle	right	4	1205 866 505	Mercedes-Benz 945 420 03 38
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1	rear axle	left	5	1205 866 545	Mercedes-Benz 945 420 09 38
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1	rear axle	right	6	1205 866 540	Mercedes-Benz 945 420 04 38
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 TGX, TGS, TGA	front axle	left	9	1205 866 725	MAN 81.50610-6259
MAN TGX, TGS, TGA, TGM	front axle	right	10	1205 866 730	MAN 81.50610-6254 MAN 81.50610-6260
MAN TGX, TGS, TGA	rear axle	left	11	1205 866 620	MAN 81.50610-6253
MAN TGX, TGS, TGA	rear axle	right	12	1205 866 625	MAN 81.50610-6266
MAN TGX, TGS, TGA, TGM	rear axle	left	13	1205 866 630	MAN 81.50610-6261
MAN TGX, TGS, TGA, TGM	rear axle	right	14	1205 866 660	MAN 81.50610-6262
Scania R, G, P, T, 164, 144, 124, 114, 94, 143, 113, 93	front axle	left	15	1205 842 740	Scania 1789568
Scania R, G, P, T, 164, 144, 124, 114, 94, 143, 113, 93	front axle	right	16	1205 842 735	Scania 1789567
Scania R, G, P, T, 164, 144, 124, 114, 94, 143, 113, 93	rear axle	left/right	17	1205 842 250	Scania 1112831
Scania R, G, P, T, 164, 144, 124, 114, 94, 143, 113, 93	rear axle	left	18	1205 842 220	Scania 1112833
Scania R, G, P, T, 164, 144, 124, 114, 94, 143, 113, 93	rear axle	right	19	1205 842 260	Scania 1112834



Slack adjuster

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

This figure corresponds to 1205 861 550

Suitable for	Number of holes	Order no	Comparative no
BPW, SAF	6	1205 861 515	BPW 05.574.82.43.3 BPW 05.574.82.44.3 SAF 4 175 0249 00
BPW	5	1205 868 021	BPW 05.174.82.14.2
BPW	5	1205 868 011	BPW 05.174.82.44.3
BPW	5	1205 868 071	BPW 05.174.88.51.3
BPW	6	1205 868 001	BPW 05.174.82.63.2
Gigant	7	1205 861 550	Gigant 709319300
Meritor (ROR), SAF	6	1205 861 500	Meritor 21222358 SAF 3 434 3502 02
SMB	4	1205 861 520	SMB M050082



Slack adjuster set

Version automatic
Number of teeth 10
Toothed hub profile SAE 1 1/2" 10 C

This figure corresponds to 1205 801 500

Suitable for	Number of holes	Form	Order no	Comparative no
BPW	5	not offset	1205 868 010	BPW 05.574.82.43.2
BPW	5	not offset	1205 868 020	BPW 05.574.82.67.3
BPW	6	not offset	1205 801 500	BPW 05.574.82.02.1
BPW	6	not offset	1205 868 000	BPW 05.574.82.87.3
BPW	6	not offset	1205 868 070	BPW 05.574.88.22.3
Meritor (ROR), SAF	5	not offset	1205 801 505	Meritor 2122 3694 SAF 3 434 3501 00
SAF	3	offset, - +36/-36 mm	1205 868 500	SAF 3 434 3515 00
SAF	6	not offset	1205 861 605	SAF 3 434 3502 03
SAF	6	not offset	1205 801 515	SAF 4 175 0228 00



73



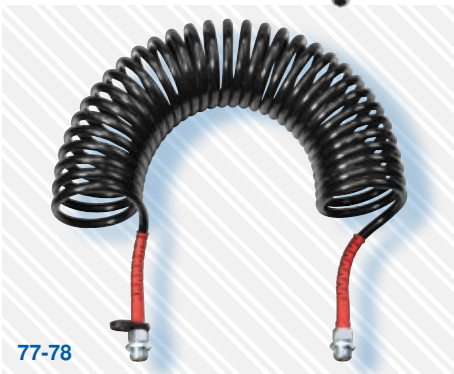
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77-78



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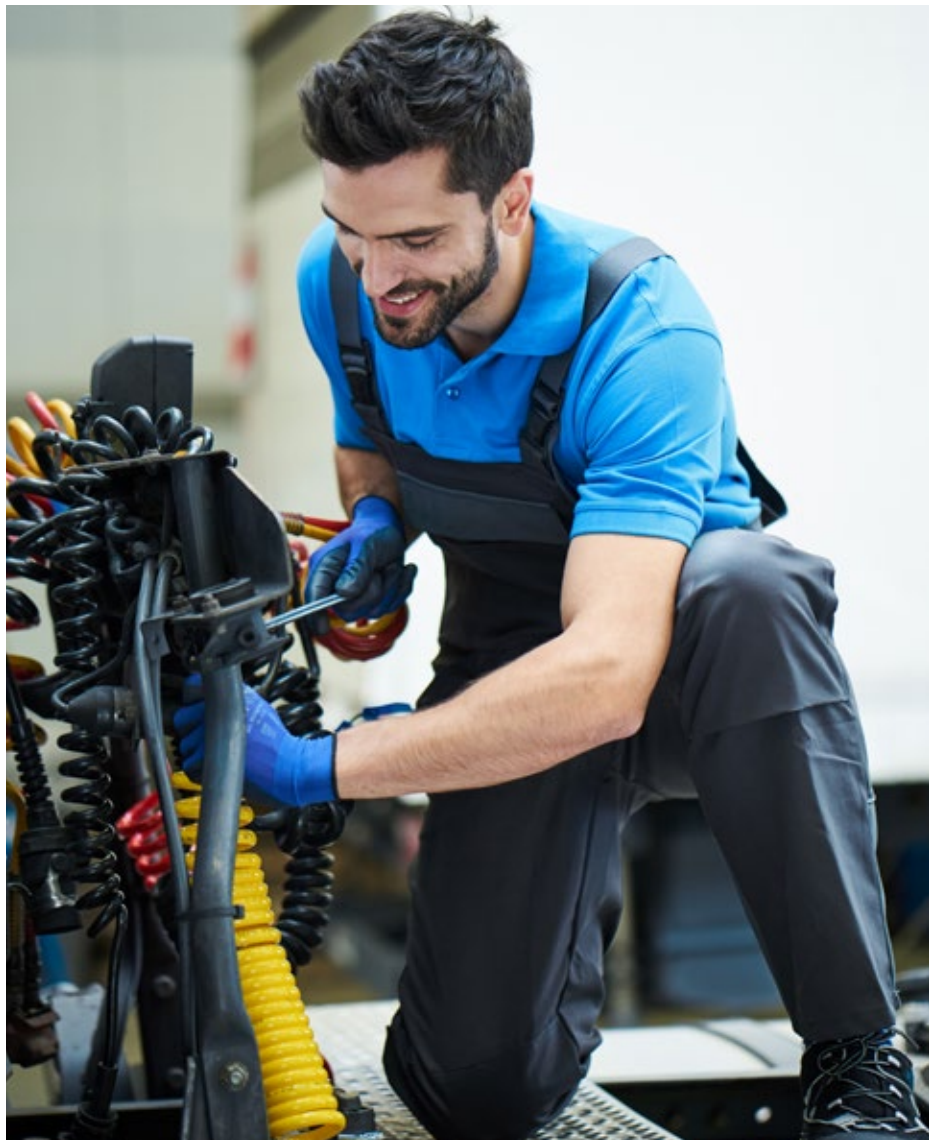
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Pneumatic system

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SPEED SENSORS FOR ABS/EBS

4

Pneumatic system

- Produced according to the highest automotive standard (IATF16949), certified by TÜV Rheinland and continuously monitored
- Dust-proof and jet-proof according to protection class IP55
- Frequency $f = 100$ Hz with an insulation resistance of ≥ 1 M Ω
- Air gap of up to 0.7 ± 0.05 mm possible
- Temperature stability of the sensors -40 to +220 °C
- Absolute fitting accuracy of sensor and plug-in housing
- High-quality insulation against external environmental influences
- Speed sensor sets are supplied including terminal socket and grease
- Wide product range for all standard types of vehicles



Speed sensor for ABS

This figure corresponds to 4190 210 400

Length	Order no	Comparative no
235 mm	4190 220 430	WABCO 441 035 345 0
240 mm	4190 210 140	WABCO 441 032 172 0
350 mm	4193 320 030	WABCO 441 032 905 0
400 mm	4190 210 030	WABCO 441 032 807 0

Length	Order no	Comparative no
1000 mm	4190 210 400	WABCO 441 032 879 0
1700 mm	4190 220 140	WABCO 441 032 900 0
2500 mm	4190 220 190	WABCO 441 032 331 0
2500 mm	4190 210 220	WABCO 441 032 863 0



Speed sensor set

Scope of supply
with grease and clamping bush



This figure corresponds to 4193 070 030

Length	Order no	Comparative no
350 mm	4193 070 030	WABCO 441 032 963 2
400 mm	4190 210 030	WABCO 441 032 807 0
1700 mm	4195 240 310	WABCO 441 032 968 2
1750 mm	4195 240 210	WABCO 441 032 995 0 WABCO 441 035 920 2
2000 mm	4195 240 220	WABCO 441 032 351 0 WABCO 441 035 321 0 WABCO 441 035 921 2
2300 mm	4195 240 120	WABCO 441 032 858 0 WABCO 441 032 859 0 WABCO 441 035 924 2

Length	Order no	Comparative no
3000 mm	4195 240 090	WABCO 441 032 487 0 WABCO 441 032 920 0 WABCO 441 032 921 0 WABCO 441 032 923 0 WABCO 441 032 942 0 WABCO 441 035 926 2
4000 mm	4195 240 110	WABCO 441 032 727 0 WABCO 441 032 941 0 WABCO 441 032 946 0 WABCO 441 032 947 0 WABCO 441 035 927 2



Combination brake cylinder

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



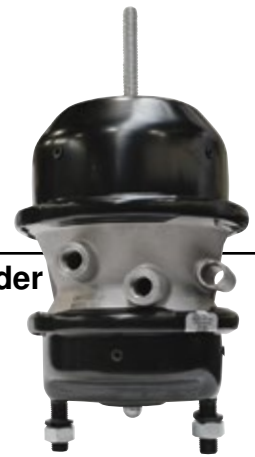
This figure corresponds to
3734 618 111

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



Combination brake cylinder

Type 16/24
Connection M16 x 1.5/M16 x 1.5
Operating pressure max. 8.5 bar
Stroke 57/57 mm



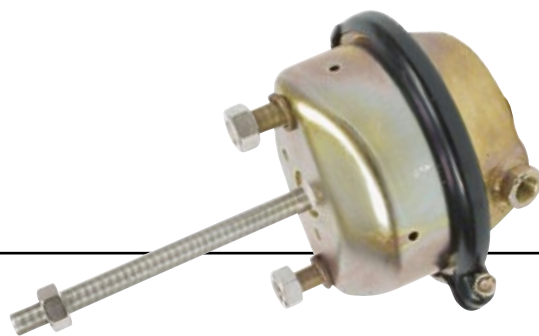
Application range
Vehicles with disc brakes

Order no	Comparative no
6745 993 900	Knorr K159939N00, BS7309



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



Compressed air tank steel, to EN 286-2

This figure corresponds to 3620 001 545

Volume	∅	Length	Connection	Operating pressure	Order no
4 l	144 mm	321 mm	2 x compressed air connections	max. 15.5 bar	3621 440 400
5 l	154 mm	345 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar ¹	3620 001 545
5,4 l	144 mm	411 mm	2 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3621 440 500
7,5 l	246 mm	228 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 467 500
10 l	206 mm	366 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 061 000
10 l	206 mm	368 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 061 006
10 l	206 mm	372 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 020 610
15 l	206 mm	526 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 020 615
20 l	206 mm	660 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 020 620
20 l	246 mm	497 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 462 000
20 l	246 mm	504 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 024 620
20 l	276 mm	412 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 762 001
25 l	276 mm	495 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 762 500
25 l	246 mm	589 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 024 625
25 l	246 mm	605 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 465 020
30 l	246 mm	758 mm	3 x compressed air connections, 1 x drainage termination	max. 15.5 bar	3620 024 630
30 l	276 mm	585 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 763 000
30 l	276 mm	594 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 027 630
35 l	276 mm	663 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3622 763 500
40 l	310 mm	619 mm	3 x compressed air connections, 1 x drainage connection	max. 12,5 bar	3620 031 040
40 l	246 mm	945 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 024 640
40 l	276 mm	745 mm	3 x compressed air connections, 1 x drainage connection	max. 15.5 bar	3620 027 640
60 l	276 mm	1100 mm	3 x compressed air connections, 1 x drainage connection	max. 15,5 bar	3620 027 660
60 l	310 mm	894 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3620 031 060
60 l	396 mm	565 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3620 039 660
80 l	310 mm	1156 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar ¹	3623 108 000
80 l	396 mm	747 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3620 039 680
80 l	396 mm	758 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar ¹	3623 968 000
100 l	396 mm	913 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3620 396 100
120 l	396 mm	1082 mm	3 x compressed air connections, 1 x drainage connection	max. 12.5 bar	3620 396 120

¹ with bracket

COMPRESSED AIR TANKS (ALUMINIUM)

4

Pneumatic system

- Production according to the highest automotive standard (IATF16949), certified and continuously monitored by TÜV SÜD
- Manufactured and tested according to the European requirements of DIN EN 286-2 and 2014/29/EU
- Exact compliance with the position and angle dimensions according to DIN ISO 13920-B
- The use of a high-quality aluminium alloy, coupled with precision in the manufacturing process, guarantees:
 - very high resistance to weather
- Manufactured using the latest welding technology
- Continuous pressure and deformation tests in the production process
- High temperature resistance from min. -50 to +65 °C
- Wide product range for all common vehicle types



Compressed air tank aluminium, to DIN EN 286-2

This figure corresponds to 3612 061 501

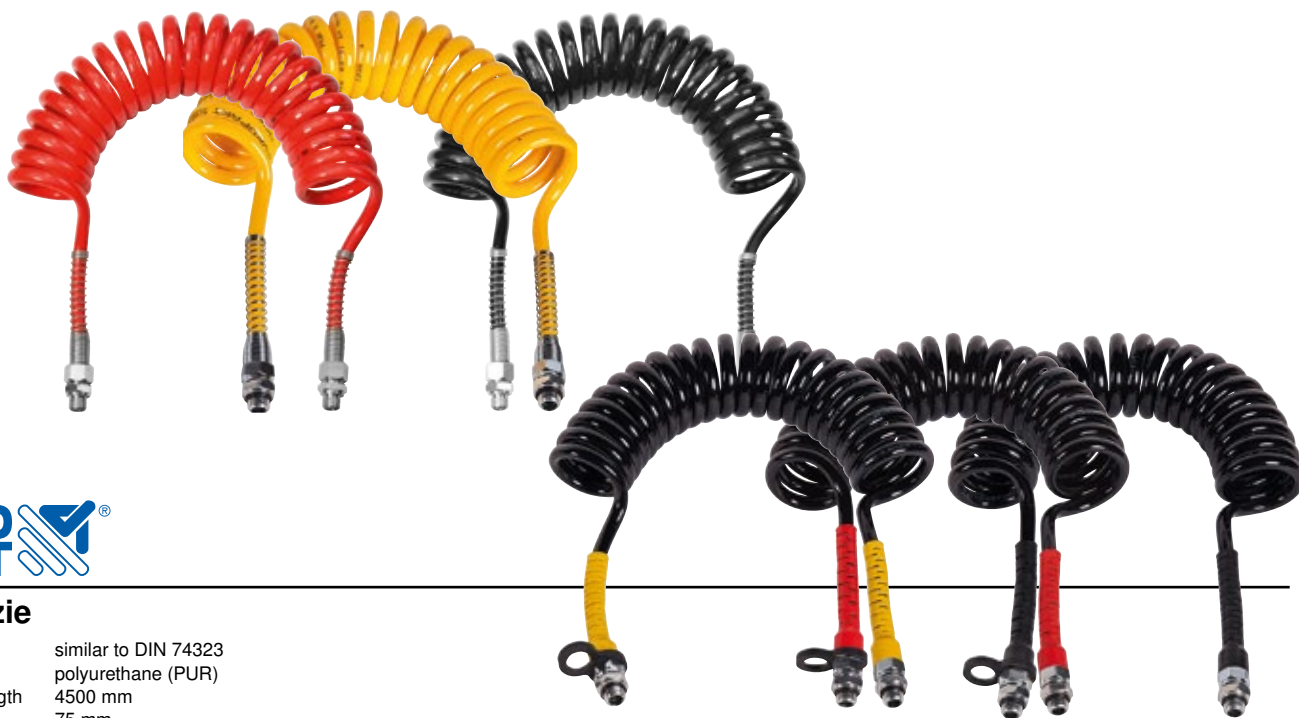
Volume	∅	Length	Connection	Order no
10 l	206 mm	368 mm	3 x compressed air connections, 1 x drainage connection	3612 061 006
15 l	206 mm	509 mm	3 x compressed air connections, 1 x drainage connection	3612 061 501
20 l	206 mm	703 mm	3 x compressed air connections, 2 x drainage connection	3612 062 012
20 l	246 mm	500 mm	3 x compressed air connections, 1 x drainage connection	3612 462 000
30 l	246 mm	709 mm	3 x compressed air connections, 1 x drainage connection	3612 463 100
30 l	276 mm	573 mm	3 x compressed air connections, 1 x drainage connection	3612 763 002
40 l	276 mm	766 mm	3 x compressed air connections, 2 x drainage connection	3612 764 001
40 l	310 mm	629 mm	3 x compressed air connections, 1 x drainage connection	3613 104 000
60 l	276 mm	1111 mm	3 x compressed air connections, 1 x drainage connection	3612 766 001
60 l	310 mm	895 mm	3 x compressed air connections, 1 x drainage connection	3613 106 000
60 l	396 mm	605 mm	3 x compressed air connections, 1 x drainage connection	3613 966 001
80 l	396 mm	745 mm	3 x compressed air connections, 1 x drainage connection	3613 698 001
100 l	396 mm	915 mm	3 x compressed air connections, 1 x drainage connection	3613 961 000
120 l	396 mm	1074 mm	3 x compressed air connections, 1 x drainage connection	3613 961 200

AIR SUZIES

- Production according to the current version DIN ISO 9001, certified by Dekra and continuously monitored
- Meet all requirements of DIN ISO 74323
- Consist of the high-quality material polyurethane (PUR) for a tear-resistant, cold-stable and permanently elastic connection
- High-quality kink protection
- High resistance to oils, greases, ozone and UV
- High temperature resistance from -40 to +70 °C
- For universal use
- Weather- and UV-resistant product marking by inkjet printing process

4

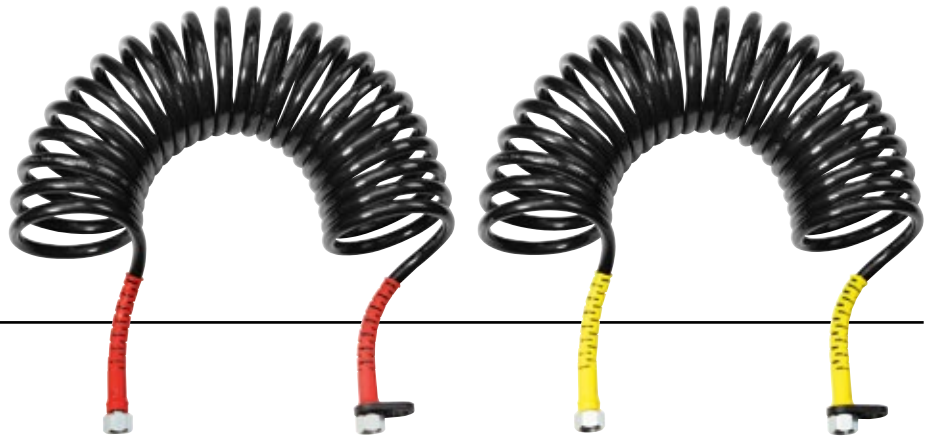
Pneumatic system



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 \varnothing	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	M18 x 1,5/M18 x 1,5	6100 mm	114 mm	32	9195 769 163
plastic bend protection, yellow	M18 x 1,5/M18 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





Plastic pipe

Heat ageing stabilized, light stabilized, high resistance to oils, greases, ozone and UV

Material polyamide 12
Colour black

operating pressure at +20 °C: max. 45 bar

Application range

for compressed air systems

Outer \varnothing	Wall thickness	Bending radius	Length	Order no
4 mm	1 mm	30 mm	25 m	9194 310 021
5 mm	1 mm	30 mm	25 m	9176 720 161
6 mm	1 mm	30 mm	25 m	0492 519 177
8 mm	1 mm	40 mm	25 m	0492 519 167
8 mm	1 mm	100 mm	100 m	4925 100 675
9 mm	1,5 mm	60 mm	25 m	9176 720 131
10 mm	1 mm	60 mm	25 m	0492 519 157
10 mm	1,5 mm	60 mm	25 m	9176 720 081

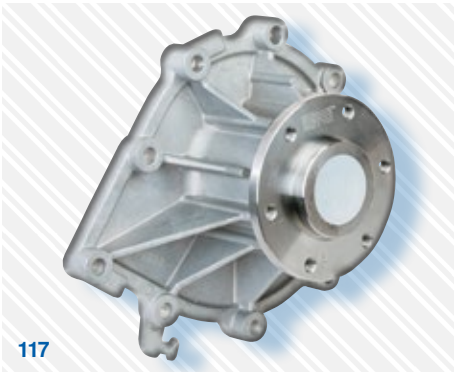
Outer \varnothing	Wall thickness	Bending radius	Length	Order no
11 mm	1,5 mm	60 mm	25 m	9194 270 001
12 mm	1,5 mm	60 mm	25 m	0492 519 147
12 mm	1,5 mm	60 mm	100 m	4925 100 668
14 mm	2 mm	75 mm	25 m	9176 720 141
15 mm	1,5 mm	90 mm	25 m	0492 519 137
16 mm	2 mm	100 mm	25 m	9010 060 445
18 mm	2 mm	100 mm	25 m	0492 519 127



99



92



117



120



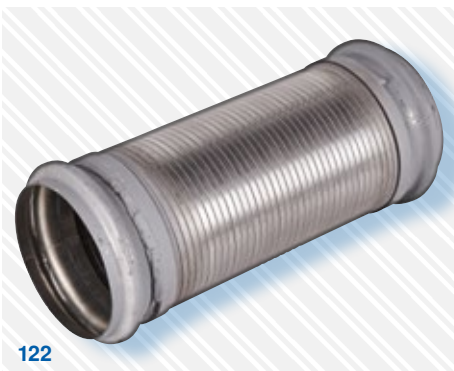
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83



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95

Engine, engine mounting and drive

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V-BELTS

- Production to the highest automotive standard (IATF 16949), certified by TÜV NORD and continuously monitored
- Use of high-quality materials in OEM quality
 - CR = chlorobutadiene rubber with a tensile member made of polyester
- The choice of these materials, together with precision in the manufacturing process, guarantees:
 - Good temperature resistance, working temperature from -40 °C up to +100 °C
 - Long service life through low wear
 - Very good resistance to oil
 - Good noise characteristics with low belt slip
 - Very low vibration and noise generation
- Wide product range for all standard types of vehicles
- High-quality product labelling



V-belt

Material CR

(Illustration similar)

Width	Length	Order no	Width	Length	Order no	Width	Length	Order no
10 mm	825 mm	2173 011 264	13 mm	950 mm	2173 011 252	13 mm	1250 mm	2173 011 242
10 mm	925 mm	2173 011 271	13 mm	975 mm	2173 011 255	13 mm	1275 mm	2173 011 248
10 mm	950 mm	2173 011 278	13 mm	1000 mm	2173 011 254	13 mm	1300 mm	2173 011 228
10 mm	975 mm	2173 011 274	13 mm	1025 mm	2173 011 258	13 mm	1325 mm	2173 011 230
10 mm	1125 mm	2173 011 260	13 mm	1050 mm	2173 011 259	13 mm	1350 mm	2173 011 232
10 mm	1150 mm	2173 011 269	13 mm	1075 mm	2173 011 256	13 mm	1375 mm	2173 011 245
10 mm	1175 mm	2173 011 273	13 mm	1100 mm	2173 011 277	13 mm	1450 mm	2173 011 244
10 mm	1275 mm	2173 011 276	13 mm	1125 mm	2173 011 250	13 mm	1475 mm	2173 011 249
10 mm	1350 mm	2173 011 270	13 mm	1150 mm	2173 011 227	13 mm	1500 mm	2173 011 251
10 mm	1375 mm	2173 011 265	13 mm	1175 mm	2173 011 235	13 mm	1575 mm	2173 011 234
10 mm	1400 mm	2173 011 275	13 mm	1200 mm	2173 011 226	13 mm	1600 mm	2173 011 224
10 mm	1500 mm	2173 011 261	13 mm	1225 mm	2173 011 239	13 mm	1625 mm	2173 011 237



V-belt

Type XPB
Material CR

(Illustration similar)

Length	Order no
1500 mm	2173 011 247
1750 mm	2173 011 210

RIBBED V-BELTS

- Production to the highest automotive standard (IATF 16949), certified by TÜV NORD and continuously monitored
- Use of high-quality materials in OEM quality
 - EPDM = ethylenpropylenediene rubber with a tensile member made of polyester quality
- The profile has high dimensional precision which contributes to high power transfer with very low belt slip
- The choice of these materials, together with precision in the manufacturing process, guarantees:
 - Good temperature resistance, working temperature from -50 °C up to +140 °C
 - Long service life through low wear with high flexibility
 - Very low vibration and noise generation
 - Very good resistance to oil
 - Resistance to environmental influences
- Wide vehicle coverage
- Uniform high-quality product marking



Ribbed V-belt

Profile PK
Material EPDM



(Illustration similar)

Size	Order no
6 PK 1050	2173 011 279
6 PK 1880	2173 011 287
7 PK 1752	2173 011 307
8 PK 1160	2173 011 268
8 PK 1215	2173 011 257
8 PK 1230	2173 011 223
8 PK 1275	2173 011 221
8 PK 1371	2173 011 304
8 PK 1375	2173 011 311
8 PK 1480	2173 011 296

Size	Order no
8 PK 1528	2173 011 317
8 PK 1535	2173 011 292
8 PK 1550	2173 011 326
8 PK 1612	2173 011 315
8 PK 1716	2173 011 322
8 PK 1755	2173 011 219
8 PK 1920	2173 011 300
8 PK 1940	2173 011 318
8 PK 2085	2173 011 293
9 PK 1380	2173 011 290

Size	Order no
9 PK 1890	2173 011 314
9 PK 2125	2173 011 288
9 PK 2338	2173 011 299
9 PK 2835	2173 011 301
9 PK 2870	2173 011 310
10 PK 1342	2173 011 320
10 PK 1512	2173 011 298
10 PK 2340	2173 011 324
11 PK 2040	2173 011 308
12 PK 1835	2173 011 330

OIL FILTERS

- Produced according to the highest automotive standard (IATF16949), certified by TÜV Rheinland and continuously monitored
- Use of the most modern filter materials in OEM quality
- Together with accuracy in the manufacturing process, the use of high-quality materials in OEM quality guarantees:
 - Constant engine power
 - High precision fit
 - Very high capacity to absorb contamination
 - High resistance to pressure and temperature
 - High resistance to pulsation in all pressure ranges
- Removes from the oil circuit any abraded metal, dust and other residues down to a size of 10 µm
- Reduction in wear, fuel consumption and exhaust emissions
- Resource-conserving construction with the choice of easy to dispose of materials
- Broad coverage of current vehicle types
- High-quality product labelling

By means of efficient filtration, oil filters create the basic prerequisite for optimum performance and operational safety. They effectively clean the circulating oil from **dust, metal abrasion, soot particles and other contaminants**.

Depending on the application, several hundred litres of oil per minute are pumped through the engine circuit to reduce friction of moving parts and prevent **premature wear**. In the process, longer oil change intervals and an increasingly complex design of modern, highly developed engines impose ever higher demands on the **purity of the engine oil**. The use of high-quality oil filters and adherence to the **filter change intervals** are indispensable to ensure this degree of purity in the long term. By efficiently cleaning the engine oil, oil filters reduce wear and ensure a **long service life** as well as **optimum engine performance**. The longer the change intervals, therefore, the more important the quality of the oil filter.



Oil filter

Suitable for	Outer Ø	Inner Ø	Height	Order no	Comparative no
DAF F500, F700, F900, F1100, F1200, F1400, F1500, F1600, F2100 Mercedes-Benz MK, NG, LK/LN2, Unimog	83 mm	21 mm	137 mm	9020 103 140	Hengst E134H D06 MANN HU 932/4 x
DAF XF95, CF85, CF75 Solaris Urbino II/III, Vacanza Temsa Safari Van Hool AG300, AGG300 VDL Bova Futura, Lexio, Magiq	111 mm	57 mm	149 mm	9020 001 270	Hengst E34H D213 MANN HU 1270 x
DAF XF Euro 6, XF105, CF Euro 6, CF85 Irizar PB Solaris Vacanza Temsa Safari Van Hool CL915/916, T915/916/917/918/919, TD925/927 VDL Magiq, Synergy	111 mm	57 mm	220 mm	9020 012 103	Hengst E89HD213 MANN HU 12 103 x
Fast Syter MAN TGA, E2000, F2000 MAN Lion's Coach (R07), Lion's Coach (A32), Lion's Star (A03/R02), NL (A21/A22/A26) Neoplan Centroliner (N 44XX), Skyliner (N 122/3), Starliner (N 52XX/N 516), Tourliner (N 2216) Temsa Diamond Van Hool AGG300, T917 Acron/Altano, TD924 Astromega	121 mm	56 mm	148 mm	9020 013 810	Hengst E13H D47 MANN HU 1381 x
MAN F90 Renault Midliner	99 mm	30 mm	196 mm	9020 103 241	Hengst E195H MANN H 1060 n
MAN Lion's City, NL (A10/A15) Mercedes-Benz O 403 Setra S 315/319 NF	120 mm	56 mm	193 mm	9020 001 275	Hengst E174H D11 MANN H 1275 x
MAN Lion's City (A20/A21), Lion's Classic Ú (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) Mercedes-Benz SK, MK, NG Mercedes-Benz O 405 N, O 407, O 408 Neoplan Centroliner (N 45XX), Trendliner (N 3516) 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	120 mm	15/56 mm	270 mm	9020 121 102	Hengst E251H D11 MANN H 12 110/2 x
MAN TGA, E2000, F2000, F90 Setra S 319 GT-HD	83 mm	28/37 mm	213 mm	9020 009 472	Hengst E161H D28 MANN HU 947/2 x
MAN TGA, TGM, TGL MAN Lion's City (A35/A47/A66/A78), HOCL Mercedes-Benz Unimog (U90/100)	83 mm	37 mm	174 mm	9020 009 510	Hengst E172H D35 MANN HU 951 x
MAN TGX, TGS, TGA MAN Lion's City (A20/A21/A23), Lion's Coach (R07/R08/R09), Lion's Regio (R12/R13) Neoplan Cityliner (N 12XX), Skyliner (N 1122/2011-), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516)	121 mm	45/58 mm	204 mm	9020 013 125	Hengst E422H D86 MANN HU 13 125 x
Mercedes-Benz Actros 1/2/3, Arocs Mercedes-Benz Citaro II (O 530), Turismo, Travego I (O 580) Setra S 315/317 HDH/3, S 315/317/319 GT-HD, S 411/415 HD, S 415/416/417 HDH, S 431 DT	121 mm	45/54 mm	312 mm	9020 121 400	Hengst E500H D129 MANN HU 12 140 x
Mercedes-Benz Atego 1/2, LK/LN2, Unimog Mercedes-Benz Citaro II (O 530), Cito (O 520), Vario (O 810-815)	83 mm	37/28 mm	150 mm	9020 009 315	MANN HU 931/5 x Hengst E160H01-D28
Mercedes-Benz Axor 1/2, Atego 1/2, Econic Mercedes-Benz Citaro I/II/C2 (O 530), Tourino (O 510)	83 mm	28/37 mm	212 mm	9020 009 452	Hengst E161H01D28 MANN HU 945/2x
Mercedes-Benz Axor 2 Mercedes-Benz Turismo I/II (O 350), Travego I/II (O 580) Setra S 415 HD, S 415/416/417 HDH, S 415/416/417 GT-HD	121 mm	45/57 mm	264 mm	9020 012 110	Hengst E175HD129 MANN HU 12 110 x
Mercedes-Benz SK, MK, NG Mercedes-Benz Turismo I (O 350) Setra S 312/315 HD, S 315 HDH/2, S 315 GT/H, S 315/317 HDH/3, S 315/317/319 GT-HD, S 328 DT	83 mm	21 mm	199 mm	9020 094 712	MANN HU 947/1 z-2 Hengst E197H-D23
Scania R, G, P Scania OmniCity, OmniLine, OmniLink, Irizar i4, PB, Touring	91 mm	46 mm	281 mm	9020 103 130	Hengst E123H01 D194 MANN HU 1077/2 x
Scania R, S (2016-), R, P (2004-), T, 164	102 mm	45 mm	252 mm	9020 001 072	Hengst E21H D361 MANN HU 1072 x



Oil filter

Filter type filter insert

Suitable for	Outer Ø	Inner Ø	Height	Order no	Comparative no
Citroën Jumper II (250), 04/2006- Jumpy II, 01/2007- Fiat Ducato III (250_, 290_), 07/2006- Scudo II (270_, 272_), 01/2007- Ford Transit, 04/2006-08/2014 Transit (V363), 08/2013-, Transit Custom (V362), 04/2012- Peugeot Boxer II (250), 04/2006-	65 mm	24/24 mm	69 mm	9020 103 608	Hengst E44H D110 MANN HU 711/51 x
Mercedes-Benz Sprinter I (904), 02/1996-05/2006 Vario, 09/1996-12/2010	83 mm	37 mm	174 mm	9020 009 510	Hengst E172H D35 MANN HU 951 x
Mercedes-Benz Sprinter II (906), 06/2006- Sprinter III (907, 910), 02/2018- Vito II (W639), 09/2010- Vito III (W447), 10/2014-	65 mm	29 mm	117 mm	9020 103 115	Hengst E11H D204 MANN HU 7010 z
Mercedes-Benz Sprinter II (906), 06/2006- Vito II (W639), 09/2003-	65 mm	29 mm	117 mm	9020 007 181	Hengst E11H D57 MANN HU 718/1 k
Mercedes-Benz T2	83 mm	21 mm	199 mm	9020 009 471	Hengst E197H D06 MANN HU 947/1 x
Mercedes-Benz T2/LN1	83 mm	21 mm	137 mm	9020 103 140	Hengst E134H D06 MANN HU 932/4 x
VW Crafter I, 04/2006-12/2016	65 mm	26 mm	153 mm	9020 007 262	Hengst E154H D48 MANN HU 726/2 x
VW Crafter I (05/2011-12/2016), T5, T6	65 mm	24 mm	101 mm	9020 001 563	Hengst E115H01 D208 MANN HU 7008 z
VW T4, T5	72 mm	35 mm	141 mm	9020 001 983	Hengst E19H D83 MANN HU 719/7 x





Oil filter

Filter type screw-on filter

Suitable for	Outer Ø	Inner Ø	Height	Thread	Order no	Comparative no
Deutz	76 mm	63 mm	93 mm	3/4-16 UNF	9020 104 522	Hengst H90W02 MANN W 712/4
DAF 45, 55, F1000-1900, F600-900, Leyland Roadrunner VDL Bova Futura	94 mm	62 mm	173 mm	1-16 UN	9020 095 018	Hengst H19W08 MANN W 950/18
DAF 65CF, 65 3600, 3300, 2800, 2700, 1900, 1700, 1300, 1100, 1000 Iveco MK, P/PA Setra SG Volvo B9, B10	94 mm	63 mm	211 mm	1"-12 UNF	9020 009 626	Hengst H18W01 MANN W 962
DAF 65 Iveco M, MK, P/PA Neoplan N 416, Transliner (N 316) Van Hool 760 Alizee, 815 Acron, 815 Alizee, A120, AP1137, EOS 100, T815 Acron, TD824 Astromega VDL Bova Futura (1982-1996) Volvo B10M	94 mm	63 mm	211 mm	1"-12 UNF	9020 009 620	Hengst H18W01 MANN W962/6
DAF 95XF, 85CF	136 mm	101 mm	308 mm	M42 x 2	9020 131 456	Hengst H300W02 MANN W 13 145/6
DAF CF65, LF Euro 6, LF55, LF45 Heuliez GX 137/337/437 Iveco EuroCargo I/II, EuroFire Iveco Urbanway Irisbus Access Bus, Crossway, Proway	94 mm	63 mm	178 mm	M27 x 2	9020 019 100	Hengst H19W10 MANN W 950/26
Iveco EuroCargo I, EuroStar, EuroTech, EuroTrakker, TurboStar, TurboTech, M, P/PA	109 mm	93 mm	213 mm	M30 x 2	9021 169 000	Hengst H220WN MANN WP 1169
Iveco EuroCargo I/II/III Iveco EuroTurbo	111 mm	63 mm	145 mm	3/4-16 UNF	9020 001 144	MANN WP 1144 Hengst H210WN
Fast Scoler II Iveco EuroClass Irisbus Agora, Arès, Iliade, Récréo 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 Volvo B7L, B7R, B10B, B10M, B12	108 mm	93 mm	260 mm	1 1/8"-16 UN	9022 314 400	Hengst H200W10 MANN W 11 102/35
Iveco MK Setra S 80	94 mm	63 mm	133 mm	1-12 UNF	9020 104 246	Hengst H17W04 MANN W940/5
Heuliez GX 327, 427 Iveco Stralis I/II, EuroStar, EuroTech, EuroTrakker Iveco CityClass Irisbus Agora, Arès, Arway, Arway LE, Axer, Citelis, Citelis CNG, Crossway LE, Domino, New Domino, Eurorider, Evadys, Magelys, Récréo, Récréo II	108 mm	93 mm	229 mm	M30 x 2	9020 011 707	Hengst H230W MANN W 1170/7
Fast Scoler III, Starter MAN TGA, M2000L/M, L2000, M90 MAN Lion's City (A37/A47/A78), Lion's Classic Ü (A72), EL (A12), NG (A11), NL (A10/A15), NÜ (A20) Neoplan Centroliner (N 44XX) Solaris Urbino II/III Tems a Opalin	109 mm	93 mm	181 mm	M30 x 2	9022 327 600	Hengst H210W01 MANN W 1160
Multicar M25, M26, Tremo 501	93 mm	62 mm	154 mm	3/4-16 UNF	9020 094 025	Hengst H17W13 MANN W 940/25
Neoplan Transliner (N 316) Scania P, 114, 143, 113, 93, 142, 112, 92 Scania K93/113 Setra S 315 HD, S 315 HDH	93 mm	63 mm	90 mm	3/4"-16 UNF	9025 503 180	Hengst H10W02 MANN W 920/7
Renault Midliner	93 mm	63 mm	132 mm	3/4-16 UNF	9020 104 241	Hengst H17W01 MANN W 940
Iveco GX Irisbus Agora (1996-), PR100, R292, R312, R323 Renault Midlum I, Midliner	108 mm	93 mm	178 mm	1 1/8-16 U	9020 104 367	Hengst H218W MANN W 1160/2
Renault Midlum II Volvo FH III (2013-), FH II (2002-2013), FH12 (1993-), FM III (2013-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-), FL10, FL7, FL6 Volvo B7L, B7R, B10B, B10M, B12	108 mm	93 mm	260 mm	1 1/8-16 UN	9025 540 040	Hengst H200W10 MANN W 11 102/36
Renault T-Truck (2013-), Magnum II/III, Premium II, C-Truck (2013-), K-Truck (2013-), Kerax II Scania R, G, P Scania K94/114/124/380, L94 Volvo FH III (2013-), FH II (2002-2013), FH12 (1993-), FM III (2013-), FM II (2002-2013), FMX, FM12, FM10, FM9, FM7 (1999-), FL12, FL10, FL7, FL6 Volvo B7L, B9L, B9R, B9TL, B12, B12B, B12R, B13R	108 mm	92 mm	260 mm	1 1/8-16 UN	9021 110 227	Hengst H200W40 MANN W11 102/34
Renault T-Truck (2013-), Magnum II/III, Premium II, C-Truck (2013-), K-Truck (2013-), Kerax II Volvo FH III (2013-), FH II (2002-2013), FH12 (1993-), FM III (2013-), FM II (2002-2013), FM12, FM10, FM9, FM7 (1999-), FL12, FL7, FL6 Volvo B7L, B7R, B9L, B9R, B9TL, B12, B12B, B12R, B13R	110 mm	93 mm	260 mm	1 3/8"-16 UN	9021 110 200	Hengst H200WN01 MANN WP 11 102/3
Scania R, G, P, 94, 114, 124, 144 Scania K94/114/124/230/250/270/310/340/360/380/420, L94, N94, OmniCity, OmniExpress, OmniLine, Irizar Century/ i4/PB Volvo FH II (2002-), FM7 I (-2001) Volvo B7L, B9L, B9R, B9TL, B12, B12B, B12R, B13R	110 mm	93 mm	260 mm	1 1/8"-16 UN	9022 314 402	Hengst H200W20 MANN W 11 102/37



Oil filter

Filter type screw-on filter
Thread 3/4-16 UNF

Suitable for	Outer Ø	Inner Ø	Height	Order no	Comparative no
Citroën Jumper I (244), 04/2002- Fiat Ducato II (244 _), 04/2002- Iveco Daily III, 05/1999- Opel Movano, 01/1999- Peugeot Boxer I (244), 01/1999- Renault Master II, 07/1998-	111 mm	63 mm	145 mm	9020 001 144	MANN WP 1144 Hengst H210WN
Citroën Daihatsu Peugeot Toyota	69 mm	55 mm	74 mm	9020 104 549	Hengst H97W07 MANN W68/x 3
VW LT I, T3	93 mm	62 mm	154 mm	9020 094 025	Hengst H17W13 MANN W 940/25



Oil filter for retarder

Outer Ø 84 mm
Inner Ø 20 mm
Height 107 mm



Suitable for	Order no	Comparative no
MAN TGX (2016-), TGS (2016-) Scania R, G, 164, 144, 124, 114, 94, 143, 113, 93 Scania K94/124/230/250/270/280/310/320/360/380/420/440/450/470/480, L94, N94/280/310/320, OmniCity, OmniLink, Citywide LE, Irizar i4, Irizar Century, Irizar PB	9020 103 578	Hengst E 41 H MANN H 929/3



Oil filter cartridge for automatic gearbox

Filter type screw-on filter
Outer Ø 96 mm
Inner Ø 63/72,5 mm
Height 115 mm
Thread M23 x 1,5

Scope of supply
with a return check valve



Suitable for	Order no	Comparative no
MAN TGX, TGS Scania R, G, P, 164, 144, 124, 94, 114, T94, T114, T124, T144, 113, 93, T93 Scania Citywide, OmniCity, OmniExpress, OmniLink, Touring	9020 000 688	Hengst H24W05 MANN W9023/1

Spin-on oil filter – simple and uncomplicated

With the spin-on oil filter, the sheet steel housing with its pressure-tight flanged-on plate and the integrated filter element constitute a complete unit. When maintenance is required, the **entire filter unit is replaced**. The necessary valves, such as the return stop valve and the filter bypass valve, are also incorporated in the housing. They ensure the supply of unfiltered oil to the engine during cold starts and in the case of heavily contaminated filters that have exceeded the maintenance intervals by a considerable margin.



Oil filter

Outer \varnothing 98 mm
Inner \varnothing 10 mm
Height 119 mm

Suitable for	Order no	Comparative no
Irisbus Arès, Evadys, Iliade Renault Magnum I, Premium I, Kerax I	9020 000 904	Hengst Z13 D94 MANN ZR 904 x



Oil filter

Filter type centrifuge
Outer \varnothing 98 mm
Inlet \varnothing 15 mm
Height 119 mm

Suitable for	Order no	Comparative no
DAF XF95, 95XF, CF85, CF75, 85CF Solaris Urbino II/III Van Hool A330, AG300, T911 VDL Bova Futura, Bova Lexio, Bova Magiq, Bova Synergy	9020 000 903	Hengst Z12 D64 MANN ZR 903 x

FILTERS

- Produced according to the highest automotive standard (IATF16949), certified by TÜV Rheinland and continuously monitored
- Use of high-quality materials in OEM quality
- The selection of these materials, coupled with the exactness in the respective manufacturing processes, guarantees:
 - Very high capacity to absorb contamination
 - High resistance to pressure and temperature
 - High resistance to pulsation in all pressure ranges
 - High precision fit
 - High dimensional stability
 - Very good water separation
 - Low resistance to flow
 - Constant engine power
 - Reduction in emissions
 - 100 % leak-tightness
- Wide product range for all standard types of vehicles
- High-quality product labelling

5

Engine, engine mounting and drive

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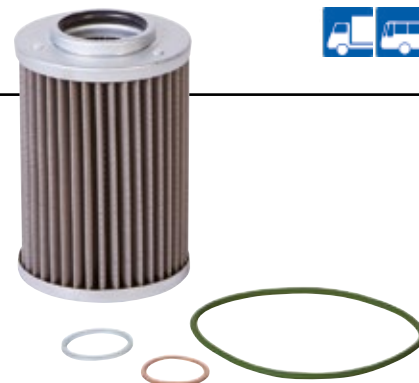


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Hydraulic filter for automatic gearbox

Outer \varnothing 70 mm
Inner \varnothing 34 mm
Height 105 mm

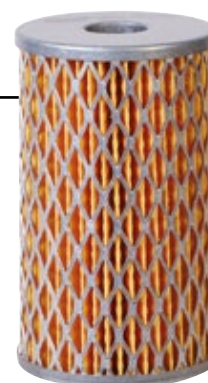


Suitable for	Order no	Comparative no
Heuliez GX 217/317/437 Iveco CityClass Irisbus Agora, Arway, Arès, Axer, Citelis, Crealis, Domino, Eurorider, Evadys, Iliade, Magelys, Récréo MAN EL (A12), NG (A11), NL (A10/A15) Mercedes-Benz Axor 2 Mercedes-Benz CapaCity (O 530 GL), Citaro I/II (O 530), Conecto 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 Tems a Avenue LF VDL Bova Lexio Volvo FL7 Volvo B6LE, B6R, B9M, B12	9020 007 101	Hengst E39H D119 MANN H 710/1 x



Hydraulic filter for steering

Filter type filter insert
Inner \varnothing 18 mm



This figure corresponds to 9025 503 090

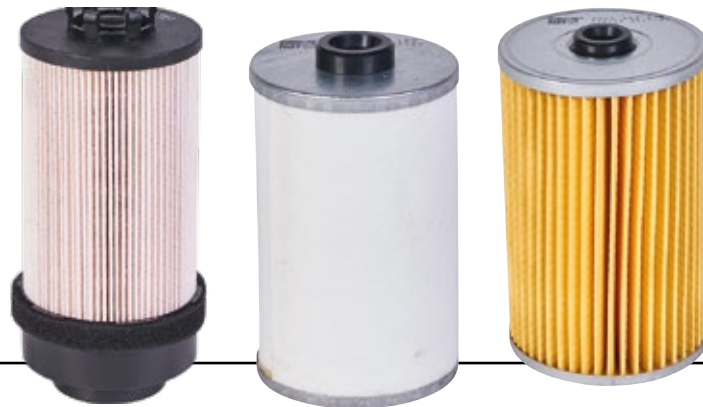
Suitable for	Outer \varnothing	Height	Order no	Comparative no
DAF XF Euro 6, XF105, XF95, 95XF Heuliez GX 117/317/437 Iveco Stralis I/II/III (Hi-Road/Hi-Street), EuroCargo I/II, EuroFire, EuroStar, EuroTech, EuroTrakker, Trakker I/II/III (Hi-Land) Iveco CityClass, EuroClass Irisbus Agora, Arès, Arway, Axer, Citelis, Citelis CNG, Crossway LE, Eurorider, Evadys, Iliade, Magelys, New Domino, Récréo MAN TGX (2013-), TGX (2007-), TGS (2013-), TGS, TGA, TGM (2013-), TGM, TGL (2008-), TGL MAN Lion's City (A20/A21/A23/A37/A47), Lion's Classic Ü (A72), Lion's Coach (R07/R08/R09), Lion's Regio (R12/R13), EL (A12), NG (A11/A23), NL (A10/A15/A21) Mercedes-Benz Actros 1/2/3/4, Arocs, Axor 1/2/3, Atego 1/2/4/3 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) 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 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 Tems a Safari VDL Bova Futura, Lexio, Magiq, Synergy Volvo FH II (2002-2013), FH12 (1993-), FM II (2002-2013), FMX I (2010-), FM12, FM10, FM9, FM7 (1999-), FE II (2013-), FE I (2010-2012), FL III (2013-), FL II (2010-2012), FL12, FL10, FL7, FL6 Volvo B7R, B9L, B9R, B9TL, B10B, B12	58 mm	100 mm	9025 503 090	Hengst E10H02 MANN H 601/4
DAF XF Euro 6, CF Euro 6 Iveco Stralis I, Trakker I Mercedes-Benz Actros 1/2/3/4, Arocs, Antos Renault T-Truck (2013-), Magnum II/III, Premium II, Midlum II, C-Truck (2013-), K-Truck (2013-), Kerax I/II Setra S 515 HDH, S 511/515/516/517 HD, S 515 MD, S 415/416 Business Volvo FH II (2004-2013), FM II (2004-2013), FMX I (2010-), FE II (2013-), FE I (2006-)	58 mm	149 mm	9020 103 841	Hengst E70H MANN H 623

FUEL FILTERS

- Produced according to the highest automotive standard (IATF16949), certified by TÜV Rheinland and continuously monitored
- Use of the most modern filter materials in OEM quality
- Together with precision in the manufacturing process, the choice of these materials guarantees:
 - High precision fit
 - Dimensional stability
 - Constant engine power
 - High burst strength
 - Very high capacity to absorb contamination
 - Very good water separation
- Removes dirt particles of less than 2 µm from the fuel system
- High level of protection of the fuel injection system for optimum engine power
- Wide product range for all standard types of vehicles
- High-quality product labelling

5

Engine, engine mounting and drive



Fuel filter

Filter type filter insert

Suitable for	Outer ∅	Inner ∅	Height	Order no	Comparative no
DAF XF105, CF85, CF75 Irizar PB Solaris Urbino III, Vacanza Temsa Safari Van Hool A330, CL915/916, T915/916/917/918/919, TD925/927 VDL Bova Futura, Magiq, Synergy	104 mm	20 mm	250 mm	9020 009 661	Hengst E82KP D36 MANN PU 966/1 x
DAF XF95, CF85, CF75 Solaris Urbino III VDL Bova Futura	105 mm	14 mm	202 mm	9020 009 992	Hengst E66KP D36 MANN PU 999/2 x
Fast Scoler III, Syter (Euro 4) MAN TGX (2013-), TGX (2007-), TGS (2013-), TGS, TGA, TGM (2013-), TGM, TGL (2008-), TGL MAN Lion's City (A20/A21/A23/A37/A47/A78), Lion's Coach (R07/R08/R09), Lion's Regio (R12/R13) Neoplan Cityliner (N 12XX), Skyliner (N 1122/2011-), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516)	95 mm	14 mm	173 mm	9020 001 059	Hengst E422 KP D98 MANN PU 1059 x
MAN F90 MAN Lion's City, Lion's Classic, Lion's Regio Neoplan Skyliner	83 mm	14 mm	145 mm	9025 508 610	Hengst E10KP D10 MANN P 811 x
MAN TGA MAN Lion's City (A20/A21), Lion's Coach (R07/R08), Lion's Regio (R12), Lion's Star (R02/R03), NL (A21) Neoplan Centroliner (N 45XX), Tourliner (N 2216), Trendliner (N 3516)	76 mm	12 mm	229 mm	9020 000 855	Hengst E56KP D72 MANN PU 855 x

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Suitable for	Outer Ø	Inner Ø	Height	Order no	Comparative no
Mercedes-Benz Actros 1/2/3, Arocs, Axor 1/2/3 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) 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	106 mm	14 mm	203 mm	9020 009 991	Hengst E500KP02D36 MANN PU 999/1 x
Mercedes-Benz Axor 1/2/3, Atego 1/2/3, Econic, Unimog, Zetros Mercedes-Benz Citaro II (O 530), Conecto I (O 345), Intouro II, Tourino (O 510), Turismo I/II (O 350), Travego I (O 580), Vario (O 810-815) Setra S 315 UL, S 415 HD, S 415/417 GT-HD, S 415/417/419 UL	92 mm	28 mm	101 mm	9020 010 461	Hengst E52KP D36 MANN PU 1046/1 x
Mercedes-Benz LK/LN2, MK, NG, Unimog Mercedes-Benz Turismo I (O 340)	70 mm	11 mm	115 mm	9022 106 100	Hengst E5KFR2 D12 MANN BFU 700x
Mercedes-Benz SK, MK, NG, Unimog (U900) Mercedes-Benz O 405 N, O 407, O 408, Turismo I (O 350) Neoplan Jetliner, Megaliner, Spaceliner Setra S 309 HD	83 mm	14 mm	145 mm	9025 503 490	Hengst E10KFR4 D10 MANN BFU 900 x
Neoplan Skyliner (N 122), Starliner (N 5218), Trendliner (N 3516) Volvo B9, B12, 7000, 8500, 8700, 9700, 9900	55 mm	16 mm	66 mm	9020 660 001	Hengst E21K MANN P 609
Renault Premium II, Midlum II Volvo FE I (2010-2012), FL II (2010-2012) Volvo 7700 Hybrid	95 mm	47 mm	165 mm	9020 041 636	Hengst E416KP D36 MANN PU 1058 x
Scania R, G, P, 124 Scania K94/124/270/380, N94, OmniCity, OmniExpress, OmniLine, Irizar Century/ i4/PB	83 mm	38 mm	185 mm	9020 009 411	Hengst E68KP01 D73 MANN PU 941/1 x
Scania R, G, P, 164 Scania K230/250/270/310	85 mm	38 mm	187 mm	9020 000 941	Hengst E57KP D73 MANN PU 941 x



Fuel filter

Filter type screw-on filter

Suitable for	Outer Ø	Height	Sealing ring Ø	Thread	Order no	Comparative no
DAF LF55, LF45 Tamsa MD9 LE	93 mm	194 mm	72 mm	M20 x 1,5	9020 009 290	Hengst H414WKD421 MANN WK 929 x
DAF XF105, XF95, CF85, CF75, CF65 Mercedes-Benz Citaro I (O 530), Conecto I (O 345) Scania K94/114/124, N94, OmniCity, OmniLine, OmniLink Solaris Urbino III Volvo FH II (2002-2009) Volvo B7R, B12	108 mm	159 mm	90 mm	1-14 UNS	9020 010 603	Hengst H7090WK30 MANN WK 1060/3 x
DAF XF Euro 6, XF105, XF95, 95XF, CF Euro 6, CF85, CF75 Solaris Urbino III VDL Bova Futura	108 mm	232 mm	104 mm	1-14 UNS	9020 000 420	Hengst H710WK MANN PL 420 x
Heuliez GX 327, 427 Iveco EuroCargo I, EuroTech, MK, P/PA, TurboStar Irisbus Arway, Arway LE, Citelis, Crossway LE, Evadys, Magelys, Récréo II	76 mm	119 mm	72 mm	M16 x 1,5	9020 000 210	Hengst H60WK01 MANN WK 731
Irisbus Arès, Iliade Renault Magnum I, Premium I, Midlum I/II, Kerax I	93 mm	144 mm	71 mm	M18 x 1,5	9020 094 020	Hengst H18WDK02 MANN WK 940/42
Irisbus Axer, CityBus, Récréo	93 mm	167 mm	72 mm	1"-14 UNS	9020 094 036	MANN WK 940/36 x Hengst H566WK D556
Irisbus Crossway, Evadys II	71 mm	91 mm	63 mm	M16 x 1,5	9022 430 400	MANN WK 712/2 Hengst H30WK01

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Observing replacement intervals

To ensure that the fuel filter is able to protect the engine in the long term, it is necessary to change it at the specified interval. Otherwise, the filter may become clogged with the particles contained in the fuel during operation. The consequence of this is that insufficient fuel reaches the injection system, which can lead to reduced performance, starting difficulties and erratic engine running. In addition, the resulting inappropriate fuel/air mixture ratio leads to increased fuel consumption and higher emission levels.

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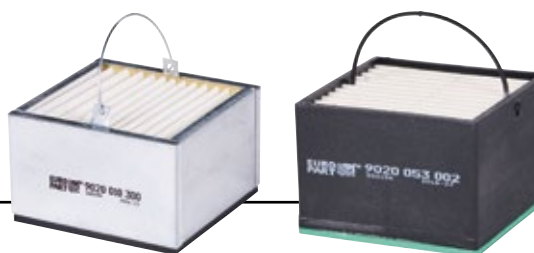
Suitable for	Outer Ø	Height	Sealing ring Ø	Thread	Order no	Comparative no
Irizar Century, Intercentury, PB Scania R, G, P, 124, 114, 94 Scania K94/114/124, L94	94 mm	147 mm	72 mm	M24 x 1,5	9020 009 402	Hengst H17WK11 MANN WK 940/42
Iveco EuroCargo I, EuroStar, EuroTech, EuroTrakker Iveco CityClass	76 mm	124 mm	71 mm	M16 x 1,5	9022 432 900	Hengst H60WK09 MANN WK 724
Iveco M, MK Renault Manager G, Midliner	88 mm	72 mm			9020 103 890	Hengst E75K D42 MANN P917 x
Iveco P/PA Neoplan Cityliner (N 116), Jetliner (N 213/214/216), Skyliner (N 122), Spaceliner (N 117), Transliner (N 316/321)	94 mm	147 mm	72 mm	M16 x 1,5	9020 104 270	Hengst H17 WK02 MANN WK940/5
Iveco Stralis I, EuroCargo I/II, EuroTech, Trakker I/II Iveco CityClass Irisbus Euro rider	99 mm	195 mm	71 mm	M14 x 1,5	9022 450 000	Hengst H70WK09 MANN WK 950/6
Iveco Stralis I, EuroStar, EuroTech, EuroTrakker, Trakker I Iveco CityClass Irisbus Agora, Citelis, Evadys, New Domino	107 mm	168 mm	70 mm	M16 x 1,5	9020 001 149	Hengst H152WK MANN WK 1149
Iveco Stralis I/II, EuroCargo II, EuroFire Irisbus Arway, Citelis, Crealis, Crossway, Domino, Evadys, Magelys	97 mm	196 mm	72 mm	M16 x 1,5	9020 104 364	Hengst H215WK MANN WK 950/19
Iveco Stralis II AD Iveco CityBus, Trakker Irisbus Euroclass, Euromover, Euro rider	93 mm	212 mm	71 mm	M16 x 1,5	9020 096 216	Hengst H18WWDK04 MANN WDK 962/16
Iveco Stralis III (2013-), Trakker III (2013-) Mercedes-Benz Actros 2/3, Atego 2 Mercedes-Benz Citaro I (O 530) Renault Kerax Scania R, G, P	109 mm	220 mm	105 mm	1"- 14 UNS	9020 104 510	Hengst H7160WK30 MANN WK 1080/6 x
MAN M90, G90 Volvo FH16, FL6, FL7, FL10, F7, F10, F12, F16 Volvo B9M, B10B, B10M, B12	76 mm	124 mm	71 mm	M16 x 1,5	9025 530 040	Hengst H60WK07 MANN WK 723
MAN TGA, E2000, F2000, M2000L/M, L2000, M90 MAN Lion's City (A21), Lion's Classic Ü (A72), EL (A12), NG (A11/A23), NL (A10/A15/A21), NÜ (A20) Mercedes-Benz Integro II (O 550), Tourino (O 510), Turismo I (O 350), Travego I (O 580) Neoplan Centroliner (N 44XX), Euroliner (N 3316), Megashuttle (N 4032), Starliner (N 22X) 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	76 mm	155 mm	71 mm	M16 x 1,5	9027 240 001	Hengst H70WWDK14 MANN WDK 725
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1/2/3 Mercedes-Benz Citaro I (O 530), Conecto I (O 345), Integro II (O 550), Intouro II, Tourino (O 510), Turismo I (O 350), Travego I (O 580) Setra S 411/415 HD, S 415/416/417 HDH, S 415/416/419 GT-HD, S 415/416 H, S 412/415/416/419 UL	106 mm	221 mm	103 mm	1"- 14 UNS	9020 070 100	Hengst H701WK MANN WK 1080/7 x
Neoplan Transliner (N 316) Scania 143, 113, 93, 142, 112, 92 Scania K93/113 Setra S 315 HD	76 mm	127 mm	71 mm	M16 x 1,5	9025 530 050	Hengst H60WK08 MANN WK 723/1
Renault Magnum, Premium, Kerax Volvo FH II (2002-2006), FM II (2002-2009) Volvo B9, B9L, B9R, B9TL, B12B, B12R, B13R, 7000, 8500, 8700, 9700, 9900	108 mm	263 mm	104 mm	M32 x 1,5	9020 111 021	Hengst H200WWDK MANN WDK 11 102/28
Renault Magnum II/III, Kerax Volvo FH III (2013-), FH II (2006-2013), FM III (2013-), FM II (2006-2013), FMX II (2013-), FMX I (2010-)	111 mm	161 mm	104 mm	1-14 UNS	9020 104 487	Hengst H328WK MANN WK 11 001 x
Renault Magnum II/III, Premium I/II, Kerax Volvo FH II (2002-2009), FM II (2002-2009), FMX I (2010-) Volvo B13R, B12, B12R, B11R, B9, B9R, B9TL, B7R, B7 RLE, 9900, 9700, 8700, 8500, 7700, 7500	94 mm	143 mm	87 mm	1-14 UNS	9020 104 478	Hengst H700WK MANN WK 940/33 x
Renault T-Truck, Magnum II, D-Truck, C-Truck, K-Truck, Kerax II Volvo FH III (2013-), FH II (2007-2013), FM III (2013-), FM II (2007-2013), FMX II (2013-), FMX I (2010-) Volvo B11R, B13, 9000	108 mm	130 mm	103 mm	1-14 UNS	9020 000 392	Hengst H392WK MANN WK 10 006 z
Scania P, 144, 124, 114, 94 Scania K94, OmniCity, Irizar Century	93 mm	141 mm	72 mm	M24 x 1,5	9020 000 818	Hengst H17WK04 MANN WK 940/12
Volvo FH12, FM7 I (-2001), FM10, FM12, FL12, NH12 Volvo B7L, B7R, B10M, B12, 5000, 7000, 8700	94 mm	215 mm	71 mm	M18 x 1,5	9020 000 648	Hengst H18WK03 MANN WK 962/7



Fuel filter

Filter type screw-on filter

Suitable for	Outer Ø	Height	Sealing ring Ø	Thread	Order no	Comparative no
Citroën Jumper I (230L, 230P), 02/1994-04/2002 Fiat Ducato I (280), 01/1982-08/1990, Ducato I (290_), 04/1990-03/1994, Ducato I (230_), 03/1994-04/2002 Iveco Daily I, 1978-, Daily II, 1989-, Zeta P eugeot Boxer I (230L, 230P, ZCT_), -04/2002 Renault Messenger	88 mm	72 mm			9020 103 890	Hengst E75K D42 MANN P917 x
Citroën Jumper I (230L, 230P), 02/1994-04/2002 Fiat Ducato I (280), 01/1982-08/1990, Ducato I (290_), 04/1990-03/1994, Ducato I (230_), 03/1994-04/2002 Peugeot Boxer I (230L, 230P), 03/1994-04/2002 Renault Trafic I (TXW), 08/1989-03/2001 VW T3	81 mm	152 mm	70 mm	M16 x 1,5	9022 435 100	Hengst H70WK02 MANN WK 842/2
Iveco Daily III, 05/1999-05/2006	88 mm	186 mm	70 mm	M16 x 1,5	9020 104 224	Hengst H160WK MANN WK 854/2
Mercedes-Benz Sprinter I (901, 902, 903, 904), 02/1995-05/2006, Vario	81 mm	95 mm	70 mm	M12 x 1,5	9020 008 173	Hengst H35WK02 D87 MANN WK 817/3 x
Mercedes-Benz Sprinter I (901, 902, 903, 904), 04/2000-05/2006 Vito (638), 03/1999-07/2003	91 mm	128 mm			9020 084 213	Hengst H70WK11 MANN WK 842/13



Fuel filter

Filter type filter insert

Suitable for	Length	Width	Height	Order no	Comparative no
MAN TGA, TGM, TGL, M2000L/M, L2000	76 mm	76 mm	54 mm	9020 053 002	Hengst E0530K02 MANN PU 88
MAN TGX, TGS, TGA, E2000, F2000 MAN Lion's City (A37/A39), Lion's Coach, Lion's Intercity Renault Magnum I, Premium I, Kerax I	89 mm	89 mm	54 mm	9020 103 001	Hengst E1030K01 MANN PU 910
MAN TGX, TGS, TGA, E2000, F2000 MAN Lion's City (A37/A47/A78), Lion's Classic (A74), Lion's Coach (R07/R08/R09), Lion's Intercity, Lion's Regio (R12/R13/R14), NG (A24), NM (A35), NL (A21/A22), NÜ (A20), HOCL Neoplan Centroliner (N 45XX), Cityliner (N 12XX), Jetliner (2012-), Skyliner (N 1122/2011-), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516)	89 mm	89 mm	54 mm	9020 010 300	Hengst E1030K MANN PU 911



Fuel filter

Filter type in-line filter
Outer Ø 81 mm
Height 276 mm

Suitable for	Order no	Comparative no
VW T5, T6	9020 020 702	Hengst H207WK02 MANN WK857/1



CABIN FILTERS

- Production according to the current version DIN ISO 9001, certified and continuously monitored by TÜV NORD.
- "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



Cabin filter

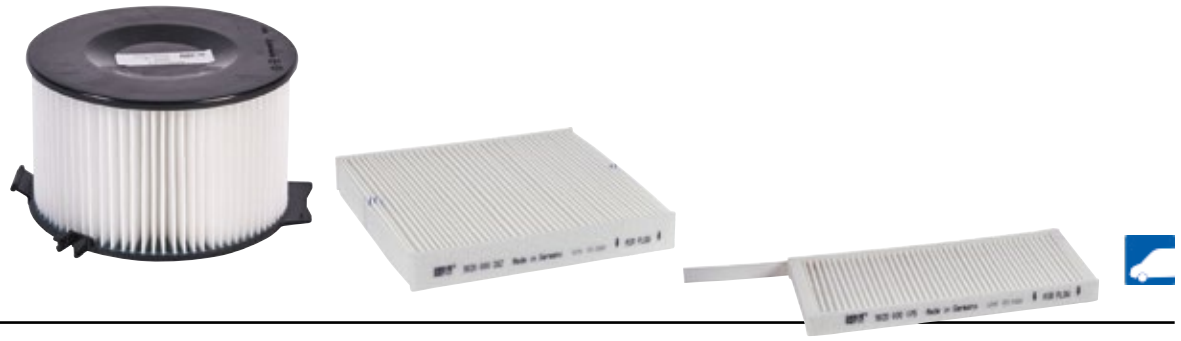
Filter type pollen filter

Suitable for	Length	Width	Height	Order no	Comparative no
DAF CF75, CF65, 85CF, 75CF, 65CF	432 mm	169 mm	24 mm	9020 130 504	Hengst E945LI MANN CU 4228
DAF CF Euro 6, CF85, CF75, CF65	260 mm	164 mm	38 mm	9020 130 521	Hengst E969LI MANN CU 2534
DAF LF55, LF45 Renault Premium I/II, Midlum I, Kerax I	227 mm	107 mm	20 mm	9020 130 532	Hengst E2927LI MANN CU 2303
DAF XF Euro 6, XF105, XF95, 95XF	324 mm	238 mm	24 mm	9020 130 503	Hengst E944LI MANN CU 3132
Heuliez GX 117 Iveco CityClass, EuroClass Irisbus Agora, Agora CNG, Arès, Arway, Axer, Citelis, Citelis CNG, Civis, Crealis, Crealis CNG, Domino, Europolis, Eurorider, Evadys, Illiade, Midys, Moovy, Récréo I 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	455 mm	151 mm	12 mm	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 Tems a Diamond Van Hool A308/330, AG300	456 mm	154 mm	30 mm	9020 130 542	Hengst E1994LI MANN CU 4662
Irisbus Arway, Crossway MAN Lion's Coach (R07/R08/R09), Lion's Regio (R12/R13/R14) Mercedes-Benz Citaro I (O 530), Turismo I (O 350) Neoplan Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516) Tems a Diamond	490 mm	150 mm	12 mm	9020 130 517	Hengst E1923LI MANN CU 4926
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	490 mm	154 mm	30 mm	9020 130 543	Hengst E2942LI MANN CU 5067
Irisbus Daily Récréo, Daily Tourys (11/2006-)	294 mm	193 mm	30 mm	9020 130 170	Hengst E2953LI MANN CU 2952
Iveco Crossway, Magelys, Urbanway Irisbus Crossway, Magelys MAN Lion's City (A20/A21/A22/A23/A26/A37/A39), NG, NL, NÜ Mercedes-Benz K270/280/320, OmniCity, OmniLink, OmniExpress, Citywide, Interlink Scania K270/280/320, OmniCity, OmniLink, OmniExpress, Citywide, Interlink Setra S 515/516/517 HDH, S 531 DT, S 511/515/516/517/519 HD, S 515/516 MD Volvo B12, 9500, 9700, 9900	498 mm	178 mm	30 mm	9020 050 001	Hengst E4963LI MANN CU 50 001
Iveco EuroCargo II/III/IV, EuroFire	338 mm	160 mm	48 mm	9020 131 527	Hengst E4950LI

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Suitable for	Length	Width	Height	Order no	Comparative no
Iveco Stralis I, EuroStar, EuroTech, EuroTrakker	440 mm	99 mm	35 mm	9020 130 527	Hengst E938LI MANN CU 4466
Iveco Stralis I/II/III (Hi-Road/Hi-Street), Trakker I/II/III (Hi-Land), Strator	448 mm	207 mm	26 mm	9020 130 528	Hengst E1908LI MANN CU 4594
MAN L2000, LE	362 mm	158 mm	40 mm	9020 130 501	Hengst E949LI MANN CU 37 230
MAN Lion's City (A20/A21/A22/A26), Lion's Star (R02), NG (A23), NL (A21/A26) Mercedes-Benz Citaro I/II (O 530), Cito (O 520), Tourino (O 510) Neoplan Cityliner (N 12XX), Tourliner (N 2216) Setra S 415/416 H, S 415/416 NF, S 416 UL Solaris Urbino II/III	400 mm	134 mm	20 mm	9020 130 525	Hengst E995LI MANN CU 4036
MAN Lion's City (A20/A21/A22/A35/A66), NG (A23), NL (A21), NM (A35/A47) Mercedes-Benz Citaro I/II/C2 (O 530), Integro II (O 550), Tourismo II, Travego II, Intouro II Setra S 416/417 GT-HD, S 412/415/416/417/419 UL	390 mm	145 mm	33 mm	9020 130 551	Hengst E2941LI MANN CU 3959
MAN Lion's City (A20/A22/A26/A35/A37/A39/A78), NG (A23/A24), NL (A15/A21/A26/A22/A26/A37), NM (A35/A47), NÜ (A20/A25) Neoplan Centroliner (N 44XX/45XX)	448 mm	236 mm	30 mm	9020 130 507	Hengst E966LI MANN CU 45 120
MAN TGA, FE, F2000, M2000, LE Scania K93, K113	402 mm	181 mm	41 mm	9020 040 110	Hengst E906LI MANN CU 40 110
MAN TGX, TGS, TGA, TGM, TGL MAN Lion's Coach (R07/R08/R09), Lion's Regio (R12/R13) Neoplan Cityliner (N 12XX), Starliner (N 52XX), Tourliner (N 2216), Trendliner (N 3516)	469 mm	183 mm	70 mm	9020 047 950	Hengst E954LI01 MANN CU 4795
Mercedes-Benz Actros 1	336 mm	98 mm	5 mm	9020 130 548	Hengst E1904LI MANN CU 3403
Mercedes-Benz Actros 1/2/3, Econic 2	380 mm	134 mm	34 mm	9020 038 690	Hengst E931LI01 MANN CU 3869
Mercedes-Benz Actros 1/2/3, Zetros	391 mm	144 mm	40 mm	9020 003 855	Hengst E982LI MANN CU 3855
Mercedes-Benz Actros 4, Arocs, Antos	312 mm	226 mm	37 mm	9020 320 020	Hengst E3930LI MANN CU 32 002
Mercedes-Benz Atego 1/2/3/4, Econic 1	579 mm	163 mm	38 mm	9020 130 514	Hengst E933LI MANN CU 5877
Mercedes-Benz Axor 1/2, Atego 1, Econic I	454 mm	194 mm	56 mm	9020 130 526	Hengst E980LI MANN CUK 4469
Mercedes-Benz CapaCity (O 530 GL), Citaro I/II (O 530)	509 mm	232 mm	50 mm	9020 130 541	Hengst E2950LI MANN CU 50 102
Mercedes-Benz CapaCity (O 530 GL), Citaro I/II (O 530), Conecto I (O 345) Setra S 415 NF	495 mm	225 mm	48 mm	9020 130 529	Hengst E999LI MANN CU 5096
Mercedes-Benz Citaro C2 (O 530)	908 mm	208 mm	20 mm	9020 004 948	Hengst E4948LI MANN CU 91 001
Mercedes-Benz Citaro C2 (O 530) Setra S 415/416 GT, S 418 LE business, S 515/516 MD Solaris Urbino II/III/IV	518 mm	143 mm	35 mm	9020 037 318	Hengst E4940LI MANN CU 52 004
Mercedes-Benz Integro II (O 550) 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	1550 mm	240 mm	20 mm	9020 130 545	MANN CU 155 0037
Mercedes-Benz SK, MK, NG, LK/LN2	342 mm	173 mm	28 mm	9020 130 505	Hengst E932LI MANN CU 3478
Renault Premium I/II, D-Truck (2013-), Midlum II, Kerax Volvo FE I (2010-2012), FL II (2010-2012)	205 mm	92 mm	20 mm	9020 130 572	Hengst E2926LI MANN CU 2101
Renault T-Truck (2013-), C-Truck (2013-), K-Truck (2013-) Volvo FH III (2012-), FH II (2005-), FH16 II (2009-), FM III (2012-), FMX II (2012-), FMX I (2005-)	272 mm	194 mm	22 mm	9020 003 938	Hengst E3938LI MANN CU 27 003
Renault T-Truck (2013-), C-Truck (2013-), K-Truck (2013-) Volvo FH III (2012-), FH II (2005-), FH16 II (2009-), FM III (2012-), FMX II (2012-), FMX I (2005-)	200 mm	302 mm	31 mm	9020 310 010	Hengst E3937LI MANN CU 31001
Scania R, G, P, T	367 mm	128 mm	20 mm	9020 130 563	Hengst E2960LI MANN CU 37 001
Scania R, G, P (-09/2007), 164, 144, 124, 114, 94	232 mm	174 mm	69 mm	9020 130 522	Hengst E956LI01 MANN CU 1722
Scania R, S (2016-), G, P, L (2017-)	445 mm	153 mm	30 mm	9020 131 526	Hengst E4953LI MANN CU 45 004
Setra S 431 DT	596 mm	117 mm	12 mm	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	425 mm	195 mm	30 mm	9020 130 533	Hengst E2911LI MANN CU 4150
Volvo FH II (2002-2013), FH12 (1993-), FH16, FM III (2013-), FM II (2002-2013), FMX I (2010-), FM12, FM10, FM9, FM7 (1999-)	210 mm	210 mm	48 mm	9020 002 184	Hengst E947LI MANN CU 2184



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Cabin filter

Filter type pollen filter

Suitable for	Length	Width	Height	Order no	Comparative no
Citroën Jumper II (250), 04/2006- Fiat Ducato III (250_, 290_), 07/2006- Peugeot Boxer II (250), 04/2006-	250 mm	234 mm	25 mm	9020 103 410	Hengst E2940LI MANN CU 2544
Iveco Daily IV, 05/2006-08/2011 Daily V, 09/2011-02/2014	294 mm	193 mm	30 mm	9020 130 170	Hengst E2953LI MANN CU 2952
Iveco Daily VI (03/2014-)	214 mm	214 mm	30 mm	9020 000 282	Hengst E4926LI MANN CU 22 029
Mercedes-Benz Sprinter I (901, 902, 903, 904, 905), 02/1995-05/2006 VW LT II, 05/1996-07/2006	374 mm	167 mm	28 mm	9020 104 015	Hengst E912LI MANN CU 3858
Mercedes-Benz Sprinter II (906), 06/2006- VW Crafter I, 04/2006-12/2016	354 mm	235 mm	34 mm	9020 103 395	Hengst E2916LI MANN CU 3569
Mercedes-Benz Vito II (W639), 09/2003-	345 mm	200 mm	34 mm	9020 103 392	Hengst E2913LI MANN CU 3540
Nissan NV400 (X62) Opel Movano B (X62) Renault Master III	240 mm	108 mm	20 mm	9020 000 175	Hengst E2982LI-2 MANN CU 2418-2
Nissan Primastar (X83), 03/2001- Opel Vivaro A (X83), 08/2001- Renault Trafic II, 03/2001-	340 mm	180 mm	30 mm	9020 103 263	Hengst E1984LI MANN CU 3454
VW Crafter II	252 mm	235 mm	30 mm	9020 000 236	Hengst E2998LI MANN CU 26 009
VW T4, 07/1990-04/2003	168 mm	112 mm	102 mm	9020 104 028	Hengst E922LI MANN CU 1738
VW T5, 04/2003-, T6, 04/2015-	283 mm	220 mm	28 mm	9020 103 210	Hengst E1910LI MANN CU 2842



Filter mat

for cabin filter/pollen filter

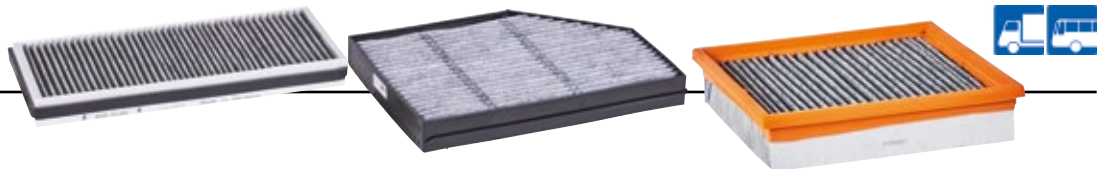
Length 294 mm
Width 118 mm
Height 20 mm

Suitable for	Order no	Comparative no
Renault Magnum II/III	9020 001 956	Hengst E1956LI MANN CU 3001

Cabin filter

Filter type particulate filters
Length 560 mm
Width 230 mm
Height 20 mm

Suitable for	Order no	Comparative no
Mercedes-Benz Integro II, Intouro II, Travego (O 580) Setra S 400	9020 000 554	MANN CU5620



Cabin filter

Filter type activated charcoal filter

Suitable for	Length	Width	Height	Order no	Comparative no
DAF CF Euro 6, CF85, CF65	259 mm	164 mm	38 mm	9020 130 520	Hengst E969LC MANN CUK 2534
MAN TGX , TGS, TGS, TGA, TGM, TGM, TGL MAN Lion's Regio (R12/R13) Neoplan Tourliner (N 2216), Trendliner (N 3516)	470 mm	184 mm	70 mm	9020 479 500	Hengst E954LC01 MANN CUK 4795
Mercedes-Benz Actros 2/3, Econic 2, Zetros	384 mm	143 mm	34 mm	9020 130 502	Hengst E931LC MANN CUK 3823
Mercedes-Benz Actros 4, Antos, Arocs	130 mm	310 mm	36 mm	9020 130 842	Hengst E2986LC MANN CUK 32 001
Scania R, G, P (-09/2007), 164, 144, 124, 114, 94	232 mm	174 mm	69 mm	9020 130 518	Hengst E956LI01 MANN CU 1722
Scania R, S (2016-), G, P, L (2017-)	448 mm	153 mm	30 mm	9020 131 529	Hengst E4953LC MANN CUK 45 004
Volvo FH II (2002-2013), FM II (2002-2013), FMX I (2010-)	210 mm	210 mm	48 mm	9020 104 054	Hengst E947LC MANN CUK 2184



Cabin filter

Filter type activated charcoal filter

Suitable for	Length	Width	Height	Order no	Comparative no
Ford Tourneo Connect, Transit Connect, 06/2002-12/2013	343 mm	161 mm	30 mm	9020 104 049	Hengst E94LC MANN CUK 3567
Ford Transit, 04/2006-08/2014	200 mm	215 mm	30 mm	9020 103 448	Hengst E2994LC MANN CUK 22 013
Mercedes-Benz Sprinter I (901, 902, 903, 904, 905), 01/1995-05/2006, Sprinter Classic (909), 09/2013- VW LT II, 05/1996-07/2006	376 mm	168 mm	28 mm	9020 104 014	Hengst E912LC MANN CUK 3858
Mercedes-Benz Sprinter II (906), 06/2006-05/2016 VW Crafter I, 04/2006-12/2016	355 mm	232 mm	36 mm	9020 103 394	Hengst E2916LC MANN CUK 3569
VW Caddy III/IV	271 mm	213 mm	58 mm	9020 001 293	Hengst E998LC MANN CUK 2939
VW Crafter II, 09/2016-	250 mm	235 mm	30 mm	9020 001 236	Hengst E2998LC MANN CUK 26 009
VW T5, T6	288 mm	219 mm	30 mm	9020 001 911	Hengst E1910LC MANN CUK 2542

BIO-FUNCTIONAL CABIN FILTERS

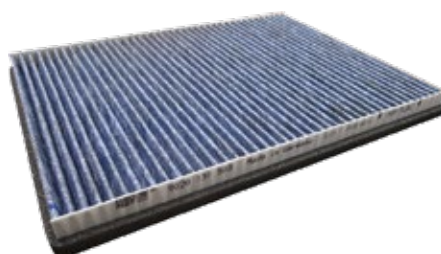
- Production according to the current version DIN ISO 9001, certified and continuously monitored by TÜV NORD.
- Fungistatic filter media bind the nourishment that bacteria and mould obtain from the air that they require for growth and propagation; the spread of bacteria and mould in the interior air is prevented
- Fungistatic filter media bind allergens; the supply of released allergens through the ventilation system in the interior of the vehicle is suppressed by almost 100 %: thereby reducing allergic reactions of all vehicle passengers and providing added protection
- Significant reduction of fine dust
- Eliminate odours
- Bind harmful gases, such as ozone, nitrogen oxide and sulphur dioxide
- Virtually 100 % filtration of even the smallest particles
- Significant reduction of diesel soot
- Reduce the concentration of harmful substances in the air that flow into the interior of the vehicle through the ventilation system, for less headaches and better concentration of passengers
- Protect the air-conditioning system
- Prevent wind shield from fogging up
- Keep the inside area of the wind shield cleaner longer



Please note:

The comparison numbers given do not all correspond 1:1 to the biofunctional filters.

Some may refer to the pollen or active carbon versions.

**Cabin filter**

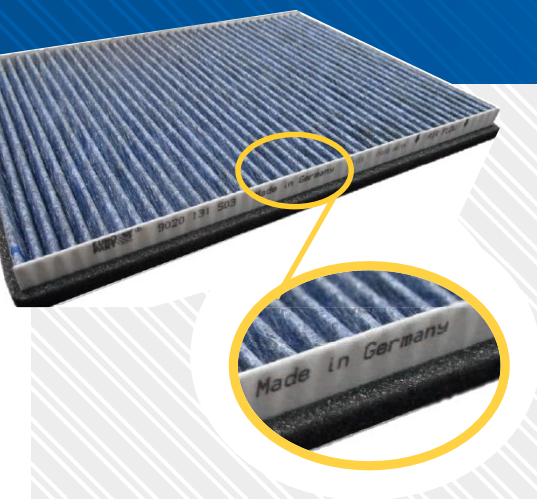
This figure corresponds to 9020 131 503

Filter type bio-functional filter

Suitable for	Length	Width	Height	Order no	Comparative no
DAF CF Euro 6, CF85, CF65	259 mm	164 mm	38 mm	9020 131 520	Hengst E969LC MANN CUK 2534
DAF XF Euro 6, XF105, XF95, 95XF	324 mm	238 mm	24 mm	9020 131 503	Hengst E944LI MANN FP 3132
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 Tamsa Diamond Van Hool A308/330, AG300	456 mm	154 mm	30 mm	9020 131 542	Hengst E1994LI MANN FP 4662
Iveco Stralis I/II/III (Hi-Road/Hi-Street), Trakker I/II/III (Hi-Land), Strator	448 mm	207 mm	26 mm	9020 131 528	Hengst E1908LI MANN FP 4594
MAN Lion's City (A20/A21/A22/A26), Lion's Star (R02), NG (A23), NL (A21/A26) Mercedes-Benz Citaro I/II (O 530), Cito (O 520), Tourino (O 510) Neoplan Cityliner (N 12XX), Tourliner (N 2216) Setra S 415/416 H, S 415/416 NF, S 416 UL Solaris Urbino II/III	400 mm	134 mm	20 mm	9020 131 525	Hengst E995LI MANN CU 4036
MAN Lion's City (A20/A21/A22/A35/A66), NG (A23), NL (A21), NM (A35/A47) Mercedes-Benz Citaro I/II/C2 (O 530), Integro II (O 550), Turismo II, Travego II, Intouro II Setra S 416/417 GT-HD, S 412/415/416/417/419 UL	390 mm	145 mm	33 mm	9020 131 551	Hengst E2941LI MANN FP 3959
MAN TGX, TGS, TGA, TGM, TGL MAN Lion's Regio (R12/R13) Neoplan Tourliner (N 2216), Trendliner (N 3516)	470 mm	184 mm	70 mm	9020 131 500	Hengst E954LC01 MANN FP 4795
Mercedes-Benz Actros 2/3, Eonic, Zetros	384 mm	143 mm	34 mm	9020 131 502	Hengst E931LC MANN CUK 3823
Mercedes-Benz Atego 1/2/3/4, Eonic 1	582 mm	168 mm	38 mm	9020 131 514	Hengst E933LC MANN CU 5877
Renault T-Truck (2013-), C-Truck (2013-), K-Truck (2013-) Volvo FH III (2012-), FH II (2005-), FH16 II (2009-), FM III (2012-), FMX II (2012-), FMX I (2005-)	302 mm	200 mm	30 mm	9020 131 010	Hengst E3937LC MANN FP 31 001
Renault T-Truck (2013-), C-Truck (2013-), K-Truck (2013-) Volvo FH III (2012-), FH II (2005-), FH16 II (2009-), FM III (2012-), FMX II (2012-), FMX I (2005-)	272 mm	194 mm	22 mm	9020 131 938	Hengst E3938LI MANN CU 27 003
Scania R, G, P, T	367 mm	128 mm	20 mm	9020 131 563	Hengst E2960LI MANN FP 37 001
Scania R, G, P (-09/2007), 164, 144, 124, 114, 94	232 mm	174 mm	69 mm	9020 131 518	Hengst E956LI01 MANN CU 1722

Biofunctional activated carbon filters

After the pollen filter and the activated carbon filter – the third generation cabin air filter



The tried-and-tested pollen filter and activated carbon filter types have been available for many years. Now, in its third generation, a **biofunctional activated carbon cabin air filter** is available to meet the increasing demands of our society. Despite the fact that the overall quality of our ambient air has improved, the volume of traffic is steadily increasing, and with it the **level of pollutants** for vehicle occupants. There is an ever-growing awareness in society of the need for a cleaner environment. The ongoing discussion about pollution emanating from traffic has already resulted in the first driving bans – even Europe-wide – for diesel vehicles.

Cities are becoming "car-free" to protect all road users outside the vehicle (pedestrians, cyclists, etc.). But what about the occupants of the vehicles who often spend a large part of their working day in the vehicle cabin, such as bus drivers, truck drivers, sales reps or cab drivers?

After all, exposure to as little as 40 micrograms of nitrogen dioxide per cubic meter of air ($\mu\text{g}/\text{m}^3$) is considered to be harmful to one's health. It has been demonstrated that exposure in road traffic is many times higher at times. Exposure for as little as two hours a day leads to higher levels of inflammation, which in turn could result in chronic illnesses. The use of biofunctional activated carbon filters provides a significant reduction of nitrogen dioxide by approx. 90 %.

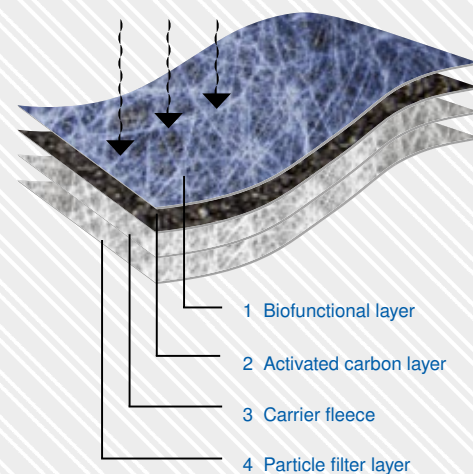
The **particulate filter** reliably filters out dust, pollen and dirt particles from the incoming air before it is fed into the vehicle interior. The **activated carbon filter** builds on this and additionally binds gases and odours in the activated carbon layer, thus protecting the vehicle occupants. Of course, the **biofunctional activated carbon filter** combines both of these two functions and additionally prevents microorganisms, **bacteria and mould** from forming and growing on the filter cake (dirt accumulation on the filter element).

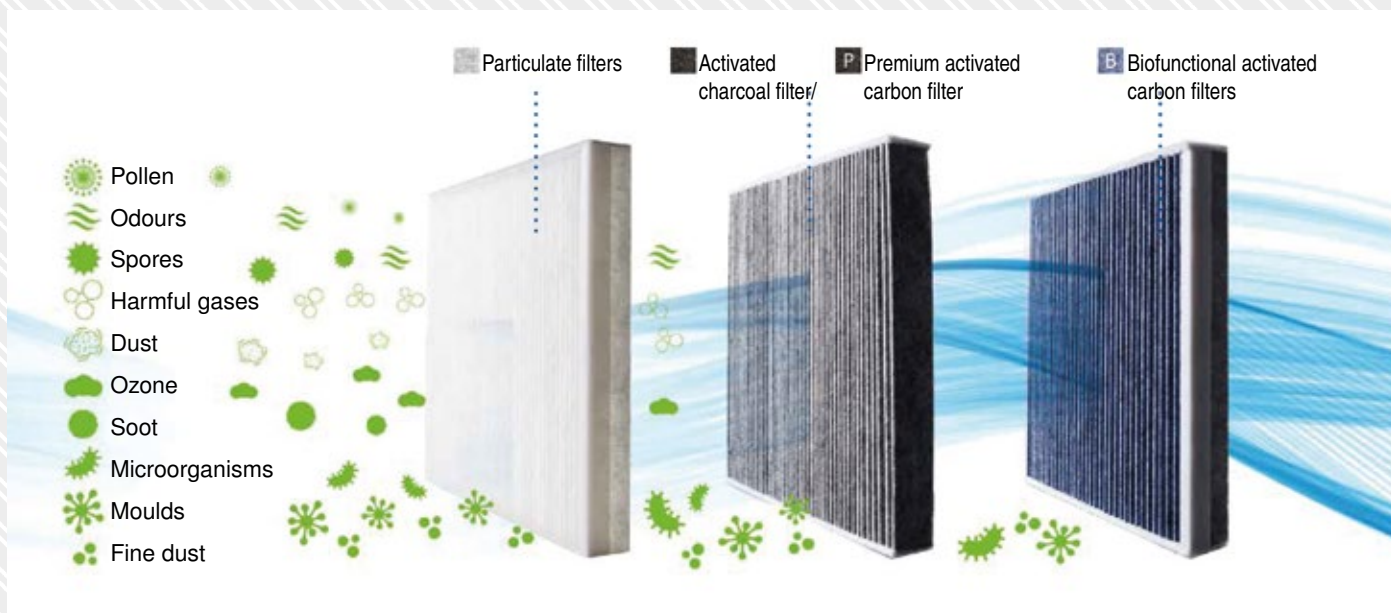
This additional effect is achieved by the fact that the material used does not contain nutrients that favour

the growth of bacteria or fungi. The media are fungistatic in structure. The high-quality biofunctional activated carbon filters can be visually identified by their blue-coloured untreated air side of the cabin air filter.

The biofunctional activated carbon filters feature outstanding particle separation including **PM 2.5 standard confirmation according to DIN 71460-3**. They offer excellent adsorption of gases and odours, combined with the added value of preventing the formation of mould and bacteria on the filter cake - this is documented by the MPA in Bremen in accordance with DIN EN ISO 846: 2020-1.

The structure





Active health protection for a large customer base.

Health protection and driving safety should be top priorities. The biofunctional activated carbon filter is designed for all people who regularly take part in road traffic: Families with small children as well as commuters, field workers, drivers of delivery services or employees of mobile care services, job-related frequent drivers such as cab or truck drivers who spend several hours on the roads every day.

Today's tractor units are high-tech vehicles equipped with various comfort components. Like other assistance systems, a biofunctional activated carbon filter enhances the safety of vehicle occupants and also contributes greatly to the healthy working lives of the many colleagues who are on the road for us all every day. Of course, use in buses is yet another ideal application. Because here, by using a biofunctional filter,

you are actively protecting health – not just for the driver, but for all passengers.

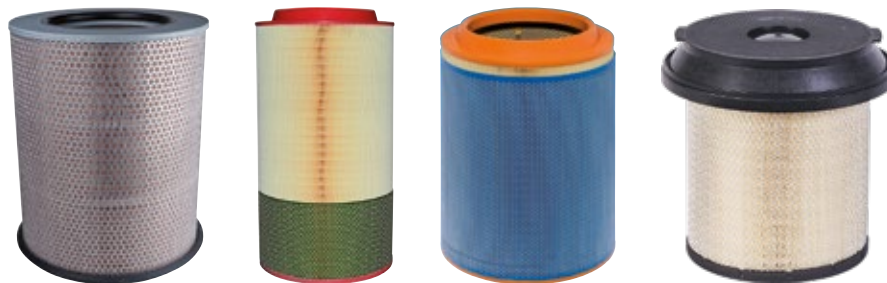
BIOFUNCTIONAL ACTIVATED CARBON FILTERS

The advantages over particle and activated carbon filters at a glance:

	Biofunctional activated carbon filters	Activated charcoal filter	Particulate filters
Filters dust, pollen and dirt particles	✓	✓	✓
Reduces diesel soot and fine dust	✓	✓	✓
Binds harmful gases such as ozone, nitrogen oxides or sulphur dioxide	✓	✓	
Prevents odours by binding the gases	✓	✓	
Protects against harmful microorganisms	✓		
Prevents growth of bacteria and mould	✓		
PM 2.5 according to DIN 71460-3	✓		

AIR FILTERS

- Produced according to the highest automotive standard (IATF16949), certified by TÜV Rheinland and continuously monitored
- Use of the most modern filter materials in OEM quality
- Special paper embossing for high crease stability and water-repellent impregnation
- Together with accuracy in the manufacturing process, the use of high-quality materials in OEM quality guarantees:
 - High precision fit
 - Dimensional stability
 - 100 % leak-tightness
 - Constant engine power
 - Very high capacity to absorb contamination
 - Low resistance to flow
 - High resistance to pulsation
- Protects the sensors located in the intake system
- Functional reliability over the whole period between services
- Wide product range for all standard types of vehicles
- High-quality product labelling



Air filter

Filter type filter insert

Suitable for	Outer Ø	Inner Ø	Height	Order no	Comparative no
Caterpillar Claas Deutz Liebherr	221 mm	128 mm	404 mm	9020 103 279	Hengst E2000L MANN C 23 610
Caterpillar JCB Deutz	125 mm	74 mm	320 mm	9020 103 112	Hengst E1600L MANN C14 200
Caterpillar John Deere	105 mm	63 mm	275 mm	9020 000 816	Hengst E816L MANN C 1196/2
DAF CF Euro 6, CF75, CF65	265 mm	170 mm	414 mm	9020 103 667	Hengst E542L MANN C 27 998/3
DAF CF Euro 6, CF85, CF65	265 mm	170 mm	479 mm	9022 711 704	Hengst E541L02 MANN C 27 1170/6
DAF CF85, 85CF, 75CF	282 mm	147 mm	480 mm	9020 291 290	Hengst E479L MANN C 29 1290
DAF XF Euro 6, XF105 Tamsa Safari	282 mm	147 mm	507 mm	9020 002 215	Hengst E1084L MANN C 26 024 KIT
DAF XF105	282 mm	147 mm	510 mm	9020 000 794	Hengst E794L MANN C 28 028

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Suitable for	Outer Ø	Inner Ø	Height	Order no	Comparative no
DAF XF105, XF95, 95XF, CF85, CF75 Solaris Vacanza Temsa Avenue, Safari, Safir, Tourmalin	282 mm	147 mm	507 mm	9020 025 623	Hengst E702L MANN C 29 1366/1
DAF 95, 85 MAN Lion's Classic Ü (A72), EL (A12), NG (A11), NL (A10, A15) Scania 143, 113, 93, T413, T113, T93 Scania K94/114/124, L94, Irizar Solaris Urbino	302 mm	191 mm	381 mm	9020 007 110	Hengst E218L MANN C 30 703
DAF 95, 3600, 3300, 2800, 2700, 2300, 2100, 1900, 1700 Iveco M, MK, P/PA MAN M2000L, L2000, M90, G90 MAN NM Mercedes-Benz SK, Unimog (U110/130/140) Mercedes-Benz O 404 Volvo FLC	198 mm	103 mm	378 mm	9020 007 020	Hengst E115L MANN C 20 325/2
DAF 1100, 1300, 1700, 1900 Iveco MK, Zeta MAN G10.136, G6.90, G8.90, G8.136, G9.136 Mercedes-Benz MB-Trac, Unimog Renault Messenger B	166 mm	86 mm	351 mm	9020 007 130	Hengst E114L MANN C 17 225/3
DAF 2800, 2600, 2500, 2300, 2100 Iveco P/PA, TurboTech Iveco CityClass MAN F90 Mercedes-Benz Actros 1/2/3 Mercedes-Benz O 405 N, O 407, O 408	243 mm	132 mm	498 mm	9020 007 030	Hengst E117L MANN C 24 650/1
Fast Syter Iveco Stralis I, EuroCargo I, EuroTech, EuroTrakker MAN F2000, F90, M90 MAN Lion's Coach (A13/A32), Lion's Star (R02) Mercedes-Benz Turismo I (O 350) 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	302 mm	191 mm	473 mm	9020 007 080	Hengst E118L MANN C 30 850/2
Irisbus Agora, Citelis, Moovy, Récréo Mercedes-Benz Integro II (O 550) Setra S 315/319 NF, S 313/315/319 UL, S 315/319 UL-GT, SG 321 UL	303 mm	168 mm	333 mm	9020 103 480	Hengst E320L MANN C 31 980
Iveco Crossway (2016-) MAN TGA Mercedes-Benz Citaro I (O 530), Cito (O 520), Integro II (O 550), Turismo II, Touro, Travego I (O 580) Setra S 415/416 GT, S 415/416 GT-HD, S 415 H, S 412/415/416/417/419 UL	265 mm	159 mm	479 mm	9020 103 647	Hengst E491L MANN C 27 1170
Iveco EuroTech Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345), Conecto II Setra S 315/319 NF, S 415 NF	302 mm	191 mm	473 mm	9020 308 503	Hengst E118L04 MANN C 30 850/3
Iveco MK Mercedes-Benz MB-Trac	150 mm	71 mm	336 mm	9020 007 190	Hengst E113L MANN C 15 165/3
Iveco Stralis I, EuroStar, EuroTech, EuroTrakker	327 mm	216 mm	515 mm	9023 316 002	Hengst E270L MANN C 33 1600/2
Iveco Stralis I/II/III, EuroMover, Strator, Trakker I/II/III, X-Way	314 mm	217 mm	461 mm	9020 103 815	Hengst E681L MANN C 32 1420/2
JCB Liebherr Volvo Zettelmeyer	146 mm	86 mm	349 mm	9020 011 700	Hengst E1700L MANN C 15 300
MAN F2000, F90, FE	303 mm	170 mm	478 mm	9020 025 264	Hengst E237L MANN C 30 1353
MAN Lion's City (A20/A21/A23), Lion's Classic, Lion's Regio, NG (A23), NL (A21), NÜ (A20) Neoplan Centroliner (N 45XX)	248 mm	119 mm	500 mm	9020 025 978	Hengst E426L MANN C 25 978
MAN M2000L/M, L2000, M90 Mercedes-Benz Unimog (U300/400) Temsa Safari	249 mm	119 mm	383 mm	9020 025 496	Hengst E307L MANN C 25 730/1
MAN TGM, TGL MAN Lion's Intercity	255 mm	130 mm	458 mm	9020 008 110	Hengst E811L MANN C 26 1005
MAN TGX (2013-), TGX (2007-), TGS (2013-), TGS, TGA	265 mm	170 mm	511 mm	9022 712 501	Hengst E428L01 MANN C 27 1250/1
Mercedes-Benz Actros 1/2/3	282 mm	127 mm	415 mm	9022 912 191	Hengst E314L MANN C 29 1219/1
Mercedes-Benz Actros 1/2/3, Axor 1	420 mm	254 mm	263 mm	9020 421 404	Hengst E297L MANN C 42 1404
Mercedes-Benz Actros 1/2/3, Axor 1/2/3	265 mm	170 mm	530 mm	9022 713 201	Hengst E603L MANN C27 1320/3
Mercedes-Benz Actros 1/3, Axor 1/2, Atego 1/2	420 mm	280 mm	305 mm	9024 217 290	Hengst E312L MANN C 42 1729
Mercedes-Benz Actros 2/3, Axor 1/2	405 mm	222 mm	334 mm	9020 411 776	Hengst E497L MANN CU 40 006
Mercedes-Benz Axor 1/2/3, Atego 1/2/4/3, Econic	273 mm	125 mm	349 mm	9020 025 653	Hengst E361L01 MANN C 29 1032/1
Mercedes-Benz Cito (O 520)	195 mm	118 mm	401 mm	9020 020 500	Hengst E1900L MANN C 20 500
Mercedes-Benz LK/LN2, MB-Trac, MK, NG, Unimog Mercedes-Benz O 303	228 mm	116 mm	381 mm	9020 151 241	Hengst E116L MANN C 23 440/3
Mercedes-Benz LK/LN2, MK, NG, SK	327 mm	161 mm	256 mm	9020 007 100	Hengst E273L MANN C 33 1015
Mercedes-Benz LK/LN2, MK, NG, SK Mercedes-Benz O 305, O 307	338 mm	133 mm	254 mm	9020 007 050	Hengst E275L MANN C 28 715
Mercedes-Benz LK/LN2, T2/LN1	198 mm	103 mm	243 mm	9022 721 500	Hengst E133L MANN C 20 356
Mercedes-Benz MK, NG, SK Mercedes-Benz O 340, O 404, Turismo (O 350), Travego (O 580)	302 mm	191 mm	473 mm	9020 007 090	Hengst E118L02 MANN C 30 1537

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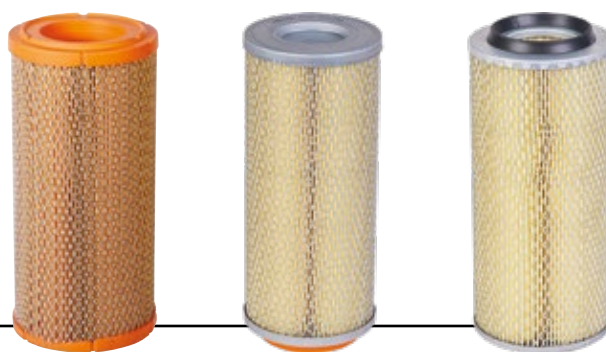
Suitable for	Outer Ø	Inner Ø	Height	Order no	Comparative no
Mercedes-Benz Tourismo II, Travego I/II (O 580) Setra S 411/415 HD, S 416/417 HDH, S 431 DT, S 415/416/417 GT-HD	186 mm	109 mm	357 mm	9020 000 626	Hengst E626L MANN C 19 416
Mercedes-Benz Unimog UX	158 mm	94 mm	375 mm	9020 103 190	Hengst E1800L MANN C 16 400
Renault Access Solaris Urbino (01/2012-)	264 mm	161 mm	518 mm	9020 001 509	Hengst E1509L MANN C 27 130
Renault D-Truck (2013), Midlum I/II, Puncher Volvo FE II (2013-), FE I (2006-), FL III (2013-), FL II (2006-)	245 mm	125 mm	372 mm	9020 100 801	Hengst E1008L01 MANN C 25 003
Renault Magnum II/III, Premium II, D-Truck (2013-), Midlum II Volvo FE II (2013-), FE I (2010-2012), FL II (2010-2012)	312 mm	186 mm	464 mm	9020 103 610	Hengst E452L01 MANN C 31 1410
Renault Premium I/II, Kerax I/II Volvo FE II (2012-), FE I (2006-)	312 mm	180 mm	557 mm	9020 103 036	Hengst E454L MANN C 32 1752/1
Renault T-Truck (2013-) Volvo FH III (2013-), FH II (2007-2013)	332 mm	211 mm	416 mm	9020 103 039	Hengst E1024L01 MANN C 33 1460/1
Scania R, G, P, 94, 114, 124	304 mm	169 mm	448 mm	9022 531 400	Hengst E451L MANN C 30 1240
Scania R, G, P, T, 124, 114, 94	303 mm	167 mm	446 mm	9020 001 013	Hengst E1013L MANN C 31 016
Scania R, P, 164, 144	304 mm	169 mm	528 mm	9022 531 300	Hengst E1033L MANN C 30 1500
Scania R, P, T, 124, 114, 94, T124, T114, T94, 113	310 mm	177 mm	464 mm	9022 561 400	Hengst E424L MANN C 31 1254
Scania R, P, T, 164, 144, T144	304 mm	178 mm	543 mm	9022 562 700	Hengst E540L MANN C 31 1495
Volvo B10B	310 mm	199 mm	372 mm	9023 110 932	Hengst E291L MANN C 31 1093/2
Volvo FH II (2002-2009), FH12 (1993-), FM II (2006), FMX I (2010-)	332 mm	202 mm	412 mm	9020 341 500	Hengst E420L MANN C 34 1500/1
Volvo FH II (2002-2013), FM II (2002-2013), FMX I (2010-) Volvo B7L, B7R, B9R, B13R, 5000, 7000, 8700, 9700, 9900	303 mm	150 mm	411 mm	9022 563 100	Hengst E496L01 MANN C 31 1345/1
Volvo FH III (2013-), FH II (2006-2013)	330 mm	220 mm	495 mm	9020 000 767	Hengst E767L MANN C 33 1630/2
Volvo FH12	332 mm	200 mm	414 mm	9020 321 500	Hengst E316L MANN C 32 1500



René Klanthe
Own-brand representative

„The air must be clean,
especially in spring when pollen is in the air.
Our filters help.“

Talk to us about all other Premium Parts,
we will be happy to help you! “



Air filter

Filter type filter insert

Suitable for	Outer Ø	Inner Ø	Height	Order no	Comparative no
Iveco Daily II, -1999	150 mm	71 mm	336 mm	9020 007 190	Hengst E113L MANN C 15 165/3
Iveco Daily III, 05/1999-, Daily IV, 05/2006-08/2011	163 mm	94 mm	353 mm	9020 017 337	Hengst E434L MANN C 17 337/2
VW LT28 I, LT28-35 I, LT40-55 I	166 mm	86 mm	351 mm	9020 007 130	Hengst E114L MANN C 17 225/3
VW LT28 I, LT28-35 I, LT40-55 I, T3	127 mm	64 mm	294 mm	9020 007 150	Hengst E112L MANN C 13 114/4



Air filter

Filter type screw-on filter
Outer Ø 77 mm
Height 120 mm
Sealing ring Ø 72 mm
Thread M16 x 1,5

Suitable for	Order no	Comparative no
DAF XF105, CF85, CF75, CF65, LF55, LF45 Irisbus Access Bus GX 127, Eurorider Irizar PB 12, PB 13, PB 14, PB 14.6, PB 16 Solaris Alpine, InterUrbino, Urbino II, Vacanza Temsa Avenue, MD9, Safari, Safir, Tourmalin Van Hool A330, AG300, CL915/916, T911/915/916/917/918, TD925/927 VDL Berkhof Ambassador, Bova Futura, Bova Lexio, Bova Magiq, Bova Synergy	9020 104 114	Hengst H100WL MANN C 811



Air filter

Filter type filter insert

Suitable for	Length	Width	Height	Order no	Comparative no
Mercedes-Benz Sprinter I (901, 902, 903, 904, 905), 03/1997-05/2006, Sprinter (616), 04/2001-, Sprinter Classic(909), 09/2013-, Vito (638), 03/1999- VW LT II, 05/1996-07/2006	315 mm	276 mm	70 mm	9020 032 338	Hengst E240L MANN C 32 338
Mercedes-Benz Sprinter II (906), 06/2006-, Sprinter III (907, 910), 02/2018- VW Crafter I, 04/2006-12/2016	355 mm	265 mm	58 mm	9020 103 937	Hengst E821L MANN C 4312/1
Mercedes-Benz Vario, T2/LN1	598 mm	171 mm	81 mm	9020 060 345	Hengst E209L MANN C 60 345
Mercedes-Benz Vito II (W639), 08/2003-	417 mm	226 mm	43 mm	9020 103 669	Hengst E543L MANN C 42 192/1
VW T5, T6	312 mm	190 mm	57 mm	9020 000 587	Hengst E587L MANN C 32 191

There are also air filter cartridges with safety inserts for trucks and vans. They provide additional protection during filter changes in dusty environments or even if the main filter is damaged. And the safety insert only needs to be replaced every third time the filter is changed.



Secondary air filter

Suitable for	Outer ∅	Inner ∅	Height	Order no	Comparative no
Mercedes-Benz Unimog U110, U130, U140	111 mm	93 mm	372 mm	9020 103 094	Hengst E115LS MANN CF1000
Renault Access Solaris Urbino (01/2012-)	204 mm	133 mm	494 mm	9020 001 990	Hengst E1509LS MANN CF 21 002



Air filter cartridge for turbocharger

Outer ∅ 78 mm
 Inner ∅ 63 mm
 Height 60 mm
 Thread M16 x 1,5

Suitable for	Order no	Comparative no
Heuliez GX 437 Irisbus Agora, Citelis, Crealis, Domino, Evadys, Eurorider, Magelys, Récréo Iveco CityClass	9020 000 777	Hengst E602L MANN C 777



COOLANT EXPANSION TANKS

5

Engine, engine mounting and drive

- Production certified in compliance with the latest version of standard DIN ISO 9001, and continuously monitored by independent institutions
- The choice of high-quality materials coupled with exact compliance of all the functionally relevant dimensions in the manufacturing process guarantees:
 - High resistance to pressure and temperature
 - Very high precision fit
 - Perfectly fitting hose connections
 - Exact attachment points
- Use of high-quality thermoplastic materials
- Very sturdy construction due to an integrated 3-chamber system
- The supplied caps guarantee an optimum system pressure of 0.4 to 1.4 bar depending on the area of application
- Outstanding coolant compensation in all temperature and pressure ranges
- Optimum flow speed due to exact compliance of all nozzle diameters
- 100 % leak tested
- Wide product range for all standard types of vehicles

To avoid local overheating of the components, a bubble-free coolant circuit is required. The cooling medium enters the containers at high speed and exits again at low speed. For this reason, the nozzles have different diameters. Expansion tanks in commercial vehicles have three chambers and hold approx. 8 l water. The coolant expansion tank is used to hold expanded coolant from the coolant circuit. The pressure is released through a valve, allowing the system pressure to remain at a pre-set value.

A high coolant temperature results in a pressure increase in the cooling system, due to the expansion of the coolant. The coolant is pressed into the tank, which causes the pressure in the tank to rise. The opening pressure relief valve allows air to escape. During normalisation of the coolant temperature, a vacuum occurs in the cooling system.

As a result, the coolant is sucked out of the tank with the result that there is also a vacuum in the tank. The vacuum compensation valve in the sealing cap of the tank opens and air flows into the tank until pressure is equalised.



Coolant expansion tank

This figure corresponds to 1221 900 294

Suitable for	Length x width x height	Order no	Comparative no
DAF 85CF, 75CF, 65CF	610 x 450 x 270 mm	1221 900 893	DAF 1871493
DAF LF45 II Renault Kerax, Midlum I/II, Premium Volvo FL III (2013-), FL II (2010-2012)	619 x 146 x 381 mm	1221 900 925	DAF 1700772 Renault 7482582816 Volvo 20783901
DAF XF105	555 x 345 x 105 mm	1221 900 863	DAF 1626237
DAF XF95, 95XF	547 x 337 x 104 mm	1221 900 862	DAF 1607794
Iveco EuroStar, EuroTech, EuroTrakker	420 x 310 x 170 mm	1221 900 225	Iveco 08168289
Iveco Stralis I/II, Trakker I/II	589 x 460 x 180 mm	1221 900 941	Iveco 41215631
MAN E2000, F2000	743 x 321 x 108 mm	1221 900 220	MAN 81.06102-6227
MAN E2000, F2000	743 x 321 x 142 mm	1221 900 224	MAN 81.06102-6226
MAN F90 Neoplan Trendliner (N 3516)	742 x 321 x 130 mm	1221 900 892	MAN 81.06102-6218
MAN Lion's City (A21), Lion's Classic Ü (A72), Lion's Classic (A74), EL (A12), NG (A11), NL (A10/A15/A21), HOCL	860 x 227 x 80 mm	1221 900 222	MAN 81.06102-6118
MAN M2000M	742 x 321 x 130 mm	1221 900 891	MAN 81.06102-6220
Mercedes-Benz Actros 1/2/3, Eonic	566 x 289 x 444 mm	1221 900 216	Mercedes-Benz 000 500 31 49
Mercedes-Benz Actros 1/2/3 Mercedes-Benz Citaro I (O 580)	566 x 289 x 444 mm	1221 900 217	Mercedes-Benz 000 500 38 49
Mercedes-Benz Atego 1/2	531 x 358 x 154 mm	1221 900 884	Mercedes-Benz 970 500 04 49
Mercedes-Benz Axor 1/2, Atego 1	651 x 228 x 194 mm	1221 900 294	Mercedes-Benz 940 501 00 03
Mercedes-Benz Citaro I (O 530), Conecto I (O 345)	566 x 289 x 444 mm	1221 900 218	Mercedes-Benz 000 500 39 49
Mercedes-Benz LK/LN2	588 x 231 x 155 mm	1221 900 856	Mercedes-Benz 674 500 00 49
Mercedes-Benz Tourismo (O350), O305, O340, O404, O405, O407, O408	690 x 246 x 156 mm	1221 900 219	Mercedes-Benz 629 500 08 49
Renault Premium II, Midlum II Volvo FE II (2013-), FE I (2010-2012)	470 x 310 x 155 mm	1221 900 871	Renault 5010141465 Volvo 20828414
Scania 114	444 x 233 x 279 mm	1221 900 214	Scania 2401668
Setra S 300	800 x 325 x 82 mm	1221 900 223	Mercedes-Benz 627 500 00 49
Volvo FH12, FM II (2002-2006), FM12, FM10, FM9, FM7 (1999-)	560 x 290 x 180 mm	1221 900 221	Volvo 1674918
Volvo FH II (2002-2013), FH12 (1993-), FH16 (2003-)	329 x 289 x 145 mm	1221 900 215	Volvo 1676400

COOLANT THERMOSTATS

5

Engine, engine mounting and drive

- Production in accordance with the current version of DIN ISO 9001, certified and continuously monitored by TÜV Rheinland
- The selection of high-grade materials in combination with precise compliance with all functional dimensions in the manufacturing process is guaranteed:
 - Very high precision fit
 - Very high vibration resistance
 - Highly effective wax element
- Constant coolant temperature due to exact adherence to the opening temperatures
- Continuous control and regulation of the engine temperature
- Optimum compliance with the flow rate of the cooling water
- Reduction of fuel consumption and exhaust emissions
- Very high reliability and durability
- Precisely machined sealing edges for an outstanding seal
- Meet the specifications of vehicle manufacturers
- Required gaskets are supplied
- High-quality product labelling



Carsten Colling
Own-brand representative

„High-quality materials ensure highest reliability!“

Our coolant thermostats continuously regulate the engine temperature and help reduce fuel consumption – a Premium Part through and through.

We will also find the right Premium Part for you – simply get in touch with us!“



Coolant thermostat

Scope of supply
with gasket

This figure corresponds to 1602 900 000

Suitable for	Opening temperature	Order no	Comparative no
DAF XF105, XF95 Irisbus Arès, Iliade Renault Premium I/II, Kerax Volvo FH II (2002-2007), FH12 (1993-), FM II (2003-2007), FM12, FM10, FM7 (1999-), FL12, FL10, FL7, FL6 Volvo B7L, B7R, B10B, B10M, B12	82 °C	1602 900 003	DAF 1684900 Renault 5001855520 Volvo 1676306
Fast Syter (Euro 4) MAN TGX, TGS, TGA, TGM, TGL MAN Lion's City (A20/A21/A23/A37/A78), Lion's Classic Ü (A72), Lion's Coach (R07/R08), Lion's Regio (R12/R13), NG (A23), NL (A21) Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t), Atego 1/2/3, Econic 1 Mercedes-Benz Citaro I/II/C2 (O 530), Conecto I (O 345), Integro II (O 550), Intouro II, O 405 N, O 407, O 408, Tourino (O 510), Turismo I/II (O 350), Travego I/II (O 580) Neoplan Centroliner (N 45XX), Cityliner (N 12XX), Skyliner (N 1122/2011-), Starliner (N 52XX), 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, 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	83 °C	1602 900 000	MAN 51.06402-0063 Mercedes-Benz 005 203 26 75
Heuliez GX 317, 327, 427 Iveco EuroTech Iveco CityClass Irisbus Agora, Arway, Citelis CNG, Crossway LE MAN TGA, TGL, TGM, F2000, L2000, M2000L/M, F90, M90 MAN NL (A10/A15)	80 °C	1602 900 002	Iveco 98424854 MAN 51.06402-0061 Mercedes-Benz 005 203 27 75
MAN TGX, TGS, TGA, TGM, TGL MAN Lion's City (A20/A21/A23/A37/A78), Lion's Classic Ü (A72), Lion's Coach (R07/R08), Lion's Regio (R12/R13), NG (A23), NL (A21) Neoplan Centroliner (N 44XX), Cityliner (N 116), Euroliner (N 33XX), Jetliner (N 214/216), Skyliner (N 122), Spaceliner (N 516), Starliner (N 52XX), Tourliner (N 2216), Transliner (N 314/316)	83 °C	1602 900 008	MAN 51.06402-0063 Van Hool 631403190
Mercedes-Benz Actros 1/2/3, Axor 1/2, Atego 1/2 Mercedes-Benz Citaro (O 530), O 303, O 403, O 404, O 405, O 408, Turismo I (O 350), Travego I (O 580)	71 °C	1602 900 006	Mercedes-Benz 004 203 84 75
Renault Magnum II, Premium II Volvo FH III (2013-), FH II (2006-2013), FH16 II (2004-2006), FM III (2013-), FM II (2002-2013) Volvo B9L, B9R, B9TL, B12B, B12R, B13R	82 °C	1602 900 005	Renault 7421237213 Volvo 21412639



Coolant thermostat

Opening temperature 87 °C

Scope of supply
with gasket

Suitable for	Order no	Comparative no
Mercedes-Benz T1, T2/L	1602 900 004	Mercedes-Benz 110 200 05 15



Double thermostat

Scope of supply
with seal

Suitable for	Opening temperature	Order no	Comparative no
Scania R, G, P, 164, 144, 124, 114, 94	83 °C	1602 900 007	Scania 1916620
Scania R, G, P, 164, 144, 124, 114, 94 Scania K94/114/124/360/380, L94, OmniCity	80 °C	1602 900 001	Scania 1745449

RADIATOR FAN COUPLINGS

- Production certified in compliance with the latest version of standard DIN ISO 9001, and continuously monitored by independent institutions
- Completely waterproof and dustproof, according to international standard IP67
- Working temperature from -40 °C to +150 °C
- The choice of high-quality materials and exact adherence to all the functionally-relevant dimensions in the manufacturing process guarantee:
 - Exact concentricity
 - Constant coolant temperature
 - Low CO₂ emissions
 - Transfer of very high torques
 - Precisely fitting, electrical connections
- Very low power losses in the disengaged state
- High-quality ball bearings in original equipment quality
- Use of selected silicone fluids
- Professional installation using supplied attachment materials in a sturdy package including installation instructions
- Wide product range for all standard types of vehicles
- High-quality product labelling

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- 340 articles on 44 pages
- Coolant radiators and expansion tanks, viscous fans and couplings, water pumps, thermostats, coolant and charge air hoses, sealing caps.
- Tools and workshop supplies

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Radiator fan coupling

This figure corresponds to 1888 000 005

Suitable for	∅	Version	Order no	Comparative no
DAF XF95	233 mm	electrical	1888 000 033	DAF 1680935
MAN F2000	203 mm	mechanical	1888 000 044	MAN 51.06630-0066
MAN TGA, E2000, F2000	190 mm	electrical	1888 000 046	MAN 51.06630-0076
MAN TGA, E2000, F2000	236 mm	electrical	1888 000 047	MAN 51.06630-0077
MAN TGA, TGS	245 mm	electrical	1888 000 049	MAN 51.06630-0096
MAN TGX, TGS, TGA MAN Lion's City (A22/A26/A39/A66), Lion's Coach, NG (A23), NL (A21), NÜ (A20), HOCL Neoplan Centroliner (N 4522)	270 mm	mechanical	1888 757 231	MAN 51.06630-0140
MAN TGX (2007-), TGS, TGA	205 mm	electrical	1888 000 050	MAN 51.06630-0131
Mercedes-Benz Actros 1, Axor 1/2/3, Atego 1 (18 t), Atego 1/2	203 mm	mechanical	1888 000 021	Mercedes-Benz 906 200 08 22 Mercedes-Benz 906 200 18 22
Mercedes-Benz Actros 1/2/3, MK, SK	233 mm	mechanical	1888 000 016	Mercedes-Benz 000 200 81 22 Mercedes-Benz 000 200 82 22 Mercedes-Benz 000 200 83 22
Mercedes-Benz Actros 2/3	246 mm	electrical	1888 000 025	Mercedes-Benz 541 200 18 22
Mercedes-Benz Actros 2/3, Atego 1/2	240 mm	electrical	1888 000 026	Mercedes-Benz 000 200 85 22
Renault Magnum	260 mm	mechanical	1888 757 111	Renault 7420993868
Renault Premium II, Kerax	260 mm	electrical	1888 000 005	Renault 7420880406
Scania R, P, G	270 mm	mechanical	1888 035 611	Scania 2035611



Radiator fan

∅ 750 mm
Version electric

This figure corresponds to 1888 000 065

Suitable for	Order no	Comparative no
Renault Magnum Volvo FH II (2005-)	1888 000 065	Volvo 85000818
Scania R, G, P	1888 000 064	Scania 1856995



Fan wheel

∅ 654 mm
Number of blades 8

Suitable for	Order no	Comparative no
MAN TGM, TGL, F2000, M2000M/L, L2000, M90 MAN Lion's City, HOCL	1888 702 001	MAN 51.06601-0258

WATER PUMPS

- Production according to the current version DIN ISO 9001, certified and continuously monitored by TÜV SÜD
- "Made in Germany" quality
- Not exchange parts but new parts
- Added value new part: international solution/low process costs (no old part value)
- Attractive price for new parts
- Complete sealing kit from OE certified production plants in the EU
- 100 % leak tested
- 100 % testing of the impellers for concentricity
- Homogeneous, high-quality product marking using modern technology (laser)
- High-quality cardboard packaging
- Broad coverage of current vehicle types

5

Engine, engine mounting and drive





Water pump

Scope of supply
with seals

This figure corresponds to 9150 000 909

Suitable for	Impeller-Ø	Order no	Comparative no
DAF 65CF, CF65, LF45, LF55 Iveco EuroCargo II, EuroFire Irisbus Proway	83 mm	9150 000 904	DAF 1399689 Iveco 504062854
DAF 95XF, XF95, 85CF, 75CF, LF45	135 mm	9150 000 978	DAF 683586
DAF CF65, CF85	135 mm	9071 734 840	DAF 1734841
DAF CF75, 75CF	135 mm	9150 000 980	DAF 1609854
DAF XF105, XF95, CF75, CF85	120 mm	9150 000 931	DAF 1828162
DAF XF95, 95XF, CF85, 85CF	135 mm	9150 000 911	DAF 1399336
Iveco EuroCargo I	96 mm	9150 000 975	Iveco 98415831
Iveco Stralis I/II, EuroStar, EuroTech, EuroTrakker, Trakker I/II	120 mm	9150 000 916	Iveco 500356553
MAN F2000, F90, M90	135 mm	9150 000 965	MAN 51.06500-6547
MAN F2000, F90 MAN Lion's City (A26), Lion's Comfort Neoplan Centroliner (N 44XX), Transliner (N 316/321)	135 mm	9150 000 947	MAN 51.06500-6492
MAN F2000, L2000, M2000L/M, M90 MAN EM 192, NM 182/192, SM 182/192 Neoplan Jetliner/Sportliner (N 208)	125 mm	9150 000 939	MAN 51.06500-6462
MAN F90 MAN 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	135 mm	9150 000 935	Mercedes-Benz 403 200 75 01
MAN G90	110 mm	9150 000 949	MAN 51.06500-6432
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)	135 mm	9150 000 906	MAN 51.06500-6676
MAN M2000L/M, L2000, M90 MAN Lion's Classic Ü (A72), EM, NM, SM	125 mm	9150 000 962	MAN 51.06500-6612
MAN M2000L/M, L2000 MAN EM, NM, SM	110 mm	9150 000 900	MAN 51.06500-6515
MAN SÜ 240 Mercedes-Benz SK, MK, NG Mercedes-Benz O 404, O 405 N, O 407, O 408, Turismo I (O 350) Neoplan Cityliner (N 122/217), Jetliner (N 216), Megaliner (N 128), Transliner (N 316)	125 mm	9150 000 940	MAN 51.06500-6282 Mercedes-Benz 441 200 01 01
MAN TGA, E2000, F2000	135 mm	9150 000 966	MAN 51.06500-6546 Mercedes-Benz 457 201 01 01
MAN TGA, F2000	209 mm	9150 000 917	MAN 51.06500-7089
MAN TGA, F2000, F90 MAN 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 Mercedes-Benz Citaro I (O 530), Conecto I (O 345), O 403, O 404, O 405, O 407, Turismo I (O 350), Travego I (O 580) 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	135 mm	9150 000 958	MAN 51.06500-6426 Mercedes-Benz 403 201 15 01
MAN TGA, TGL, TGM, M2000L Neoplan Centroliner	135 mm	9150 000 932	MAN 51.06500-6679
MAN TGM, TGL MAN Lion's City (A37/A78), SÜ 263/273/283/293/313/320/353/360	135 mm	9150 000 933	MAN 51.06500-6680
MAN TGX, TGS, TGA, M2000, L2000, M90 MAN Lion's Coach (R07/R08) Neoplan Cityliner (N 12XX), Skyliner (N 1122/2011-), Starliner (N 52XX), Tourliner (N 2216)	135 mm	9150 000 971	MAN 51.06500-6675
MAN TGX, TGS, TGA Van Hool T911	135 mm	9072 201 081	MAN 51.06500-6637

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Suitable for	Impeller-∅	Order no	Comparative no
Mercedes-Benz Actros 1, Axor 1/2/3, Atego 1 (18 t), Atego 1/2/3, Econic 1, LK/LN2, Unimog Mercedes-Benz Citaro I (O 530), Cito (O 520), Conecto I (O 345), Tourino (O 510), Vario (O 810-815)	112 mm	9150 000 967	Mercedes-Benz 904 200 49 01
Mercedes-Benz Actros 1, Axor 1/2/3, Atego 1 (18 t), Atego 1 Mercedes-Benz Citaro I (O 530), Tourismo I (O 350), Travego I (O 580)	125 mm	9150 000 974	Mercedes-Benz 457 200 29 01
Mercedes-Benz Actros 1/2/3	125 mm	9150 000 902	Mercedes-Benz 542 200 18 01 Mercedes-Benz 542 200 26 01
Mercedes-Benz Actros 1/2/3	125 mm	9150 000 918	Mercedes-Benz 541 200 12 01 Mercedes-Benz 541 200 14 01 Mercedes-Benz 542 200 23 01
Mercedes-Benz Actros 1/2/3 Mercedes-Benz Travego I (O 580)	125 mm	9072 201 072	Mercedes-Benz 541 200 10 01 Mercedes-Benz 542 200 24 01
Mercedes-Benz Actros 1/2/3 Mercedes-Benz Travego I (O 580)	125 mm	9150 000 972	Mercedes-Benz 542 200 20 01
Mercedes-Benz Actros 2/3, Axor 2/3, Atego 2/3 Mercedes-Benz Vario (O 810-815)	112 mm	9150 000 921	Mercedes-Benz 904 200 51 01
Mercedes-Benz Atego 1/2, Axor 1/2, Econic, Unimog, Zetros Mercedes-Benz Conecto I (O 345), Integro II (O 550), Touro (O 500) Setra S 415/416 NF	112 mm	9150 000 981	Mercedes-Benz 906 200 58 01 Mercedes-Benz 906 200 61 01
Mercedes-Benz Axor, Econic Mercedes-Benz Citaro I (O 530), Conecto I (O 345), Tourismo I (O 350), Travego I (O 580) Setra S 415/416 GT, S 415/416/417 GT-HD	125 mm	9150 000 909	Mercedes-Benz 457 200 24 01
Mercedes-Benz Axor 1/2/3, Atego 1 (18 t), Atego 1/2, Econic 1 Mercedes-Benz Citaro (O 530), Conecto (O 345), Integro (O 550), Tourino (O 510)	112 mm	9150 000 970	Mercedes-Benz 906 200 65 01
Mercedes-Benz Axor 1/2/3 Mercedes-Benz Citaro I/II (O 530), Conecto I (O 345), Integro II (O 550), Intouro I (O 560), O 405 N, O 407, O 408, Tourismo I/II (O 350), Travego I/II (O 580) Setra S 315 UL, S 415 HD, S 417 HDH, S 415/416/417 GT-HD, S 415 NF, S 415/417/419 UL	125 mm	9150 000 973	MAN 51.06501-3143 Mercedes-Benz 457 200 27 01
Mercedes-Benz Citaro I (O 530), Conecto I (O 345)	112 mm	9079 062 000	Mercedes-Benz 906 200 60 01
Mercedes-Benz LK/LN2, MK, NG	94,5 mm	9150 000 952	Mercedes-Benz 366 200 59 01
Mercedes-Benz LK/LN2, T2/LN1, Unimog (U110/130/140)	94,5 mm	9150 000 954	Mercedes-Benz 364 200 20 01
Mercedes-Benz MK, NG Mercedes-Benz O 407, O 408	125 mm	9150 000 934	Mercedes-Benz 422 200 13 01
Mercedes-Benz MK, Unimog	94,5 mm	9150 000 953	Mercedes-Benz 366 200 05 01
Mercedes-Benz SK, T2/L	120 mm	9150 000 907	Mercedes-Benz 355 200 01 01 Mercedes-Benz 355 200 05 01 Mercedes-Benz 355 200 11 01 Mercedes-Benz 355 200 15 01 Mercedes-Benz 355 201 04 01
Mercedes-Benz Unimog	94,5 mm	9150 000 901	Mercedes-Benz 352 201 21 01
Mercedes-Benz Unimog (U800/900/1150)	94,5 mm	9150 000 950	Mercedes-Benz 314 200 42 01
Renault Kerax, Magnum Volvo FH III (2013-), FH II (2009-2013), FM II (2009-2013), FMX I (2010-)	130 mm	9071 960 479	Renault 7422479364 Volvo 21960479
Renault Kerax, Premium II, C, K, T	130 mm	9150 000 979	Renault 7421072414 Volvo 21974080
Renault Magnum II/III, Premium I/II, Kerax I/II Volvo FH III (2013-), FH II (2005-), FH16 III (2013-), FH16 II (2003-), FH16 I (1993-), FM III (2013-), FM II (2005-), FMX II (2013-), FMX I (2010-) Volvo B9L, B9R, B9S, B9TL	130 mm	9150 000 908	Renault 7421615952 Volvo 20744939
Renault Magnum II Volvo FH II (2002-2007), FH12 (1993-), FM II (2002-2006), FM12 (1999-) Volvo B12	130 mm	9150 000 915	Renault 7420734268 Volvo 20734268
Renault Midlum I, Premium, Puncher	99,5 mm	9150 000 905	Renault 5010553652
Renault Premium, Kerax, Maxter	124 mm	9150 000 926	Renault 50 01 857 427
Renault T-Truck, Magnum II, C- Truck, K-Truck, Kerax II Volvo FH III (2013-), FH II (2009-2013), FM III (2013-), FM II (2009-2013), FMX I (2010-)	130 mm	9070 048 716	Renault 7421960482 Volvo 20920065
Scania 112, 113, T113	119 mm	9150 000 956	Scania 1314406
Scania 143	120 mm	9150 000 960	Scania 1375838
Scania 144	105 mm	9150 000 946	Scania 1508532
Scania 94	88 mm	9150 000 977	Scania 1510490
Scania P, 124, 114 Scania K114/124, L94	105 mm	9150 000 927	Scania 1896752
Scania R, G, P, 164	112 mm	9150 000 928	Scania 1549482
Scania R, G, P, 164, 144, 124, 114, 94 Scania K380	112 mm	9150 000 929	Scania 1787120
Scania R, G, P, T	120 mm	9072 006 390	Scania 2006210
Volvo B12, 8500, 8700, 9700, 9900	150 mm	9070 879 114	Volvo 20879114
Volvo F10, F12, FL10, FL12, FS10, N10, NL10, NL12 Volvo B12, B10R	120 mm	9150 000 961	Volvo 1699786
Volvo FH12, FL10, FL12 Volvo B12	120 mm	9150 000 913	Volvo 8149941
Volvo FH16, F16	132 mm	9150 000 914	Volvo 1543480
Volvo FM7 I, FL6, FL7 Volvo B6, B7, B7L, B7R	117 mm	9150 000 912	Volvo 1675750



Cover lid for radiator

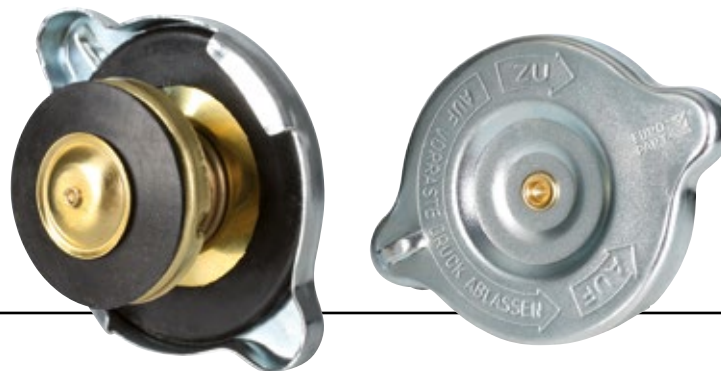
Opening pressure 0,7 bar
Surface galvanised

Suitable for	Order no	Comparative no
Mercedes-Benz O 404, O 405 N, O 407, O 408 Setra S 309/312/315 HD, S 315 HDH/2, 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 415/417 HDH, S 431 DT VDL Bova Futura	9196 050 000	Mercedes-Benz 000 501 46 15



Cover lid for radiator

Opening pressure 1 bar
Surface galvanised



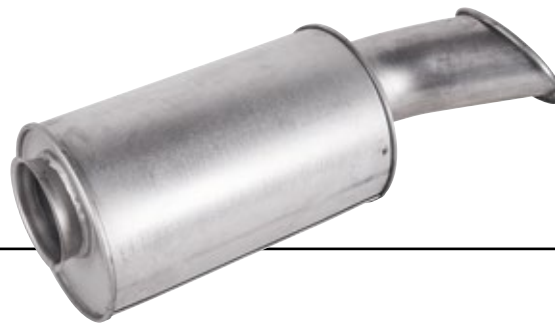
Suitable for	Order no	Comparative no
MAN L2000, G90 MAN Lion's City, Lion's Coach, Lion's Star, HOCL, EL (A12), NG (A11), NL (A10/A15)	9196 060 001	MAN 81.06110-0020



Rear silencer

∅ 114,3 mm
Length 1800 mm
Noise level 80 dB(A)

Suitable for	Order no	Comparative no
Scania 164, 144, 124, 114, 94	1322 000 073	Scania 1373201, Scania 1397273



Rear silencer

Standard Euro 5
Length 710 mm

Suitable for	Order no	Comparative no
Renault Premium II, Kerax II Volvo FH II (09/2005-), FH12, FM II (09/2005-), FM12, FM9, FM7	1322 000 079	Renault 7420564105 Volvo 3183953



Retaining ring for silencer

This figure corresponds to 1322 000 039

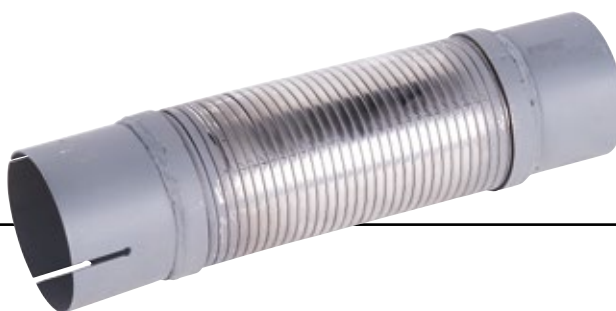
Suitable for	∅	Length	Width	Height	Order no	Comparative no
Iveco Stralis I	380 mm		40 mm		1322 000 063	Iveco 41015983 Iveco 8138309
MAN F2000, F90 MAN Lion's City (A20), Lion's Classic Ü (A72), NG (A23), NL (A21), NÜ (A20) Neoplan Centroliner (N 45XX)		400 mm	370 mm	40 mm	1322 000 039	MAN 81.97460-5245 MAN 81.97460-5244 MAN 81.97460-5325 MAN 81.97460-5326
Renault Magnum Volvo FH II (09/2005-)		320 mm	260 mm	40 mm	1322 000 049	Renault 7401628246 Renault 7401629345 Renault 7420743127 Volvo 1628246 Volvo 1629345 Volvo 20743127
Renault Premium II, Kerax, Magnum Volvo FM II (09/2005-)		500 mm		10 mm	1322 000 052	Renault 7401623933 Renault 7420510284 Volvo 1623933 Volvo 20510284 Volvo 20745894



Front pipe

This figure corresponds to 1322 000 039

Suitable for	Installation location	Length	Order no	Comparative no
MAN F2000	centre	650 mm	1322 000 070	MAN 81.15204-5724 MAN 81.15204-5940
MAN F2000, F90	centre	315 mm	1322 000 078	MAN 81.15210-0054
MAN M2000L, L2000	front	1440 mm	1322 000 077	MAN 81.15204-6068
MAN M2000L, L2000	front	1300 mm	1322 000 081	MAN 81.15204-5641 MAN 81.15204-5935
MAN TGA	centre	232/268,5 mm	1322 000 055	MAN 81.15204-5942
MAN TGA, F2000	centre	355 mm	1322 000 040	MAN 81.15210-0084
MAN TGX, TGS, TGA	centre	851 mm	1322 000 007	MAN 81.15204-0451 MAN 81.15205-5116
MAN TGX, TGS, TGA	front	626 mm	1322 000 054	MAN 81.15204-0527 MAN 81.15204-0524
Mercedes-Benz Actros 1	front	750 mm	1322 000 067	Mercedes-Benz 942 490 10 19 Mercedes-Benz 942 490 20 19
Mercedes-Benz Actros 1/2/3	front	780 mm	1322 000 017	Mercedes-Benz 942 490 30 19 Mercedes-Benz 942 490 41 19
Mercedes-Benz Actros 1/2/3	front	382 mm	1322 000 069	Mercedes-Benz 942 490 12 19 Mercedes-Benz 942 490 22 19 Mercedes-Benz 942 490 40 19
Mercedes-Benz Actros 2/3	front	470 mm	1322 000 058	Mercedes-Benz 541 140 20 03 Mercedes-Benz 541 140 16 03 Mercedes-Benz 541 140 26 03 Mercedes-Benz 541 140 30 03
Mercedes-Benz Atego 1/2	front	485 mm	1322 000 030	Mercedes-Benz 970 492 00 01
Mercedes-Benz Atego 1/2	front	590 mm	1322 000 060	Mercedes-Benz 973 492 00 01
Mercedes-Benz LK/LN2	centre	349 mm	1322 000 048	Mercedes-Benz 06 744 900 065
Renault Magnum II, Kerax II Volvo FH II (09/2005-), FH12, FM II (09/2005-), FM12, FM9	front	410 mm	1322 000 025	Renault 7401629939 Volvo 1629939
Renault Premium II, Kerax II Volvo FH II (09/2005-), FH12, FH16 II (01/2003-), FH16 I, FM II (09/2005-), FM12, FM9, FM7, FL12	centre	150 mm	1322 000 026	Renault 5010626109 Volvo 1626097



Front pipe

Installation location centre
Length 349 mm

Suitable for	Order no	Comparative no
Mercedes-Benz Vario	1322 000 048	Mercedes-Benz 06 744 900 065

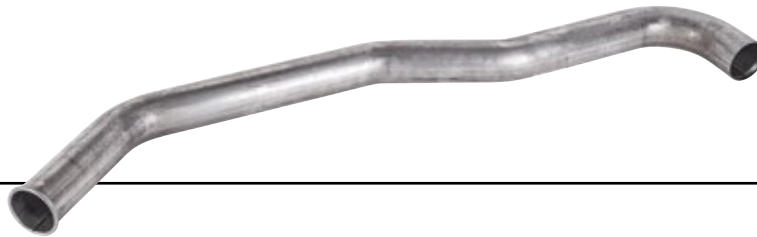


Flexible pipe

Installation location centre

This figure corresponds to 1322 000 010

Suitable for	Length	Order no	Comparative no
MAN TGM, TGL	300 mm	1322 000 015	MAN 81.15210-5004
MAN TGX, TGS, TGA	395 mm	1322 000 001	MAN 81.15210-0086
Mercedes-Benz Atego 1/2	350 mm	1322 000 011	Mercedes-Benz 970 490 02 65
Mercedes-Benz Atego 1/2 Mercedes-Benz Citaro I (O 530), Conecto (O 345)	350 mm	1322 000 027	Mercedes-Benz 973 490 01 65 Mercedes-Benz 970 490 06 65
Mercedes-Benz Citaro I (O 530), Conecto (O 345), Tourismo (O 350), O 404, O 405, O 407	280 mm	1322 000 046	Mercedes-Benz 834 100 02 54
Mercedes-Benz O 405, O 407, O 408 Setra S 315 H, S 313/315 UL, S 315 NF	275 mm	1322 000 056	Mercedes-Benz 620 490 03 65
Renault Magnum II, Premium II, Kerax II Volvo FH II (09/2005-), FH12, FM II (09/2005-), FM12, FM9, FM7	300 mm	1322 000 008	Renault 7421497416 Volvo 3199065
Renault Magnum II, Premium II, Kerax II Volvo FH II (09/2005-), FH16 II, FM II (09/2005-)	330 mm	1322 000 012	Renault 7420709027 Volvo 20709027, Volvo 21838883
Renault Premium II, Kerax II Volvo FH II (09/2005-), FH16 II (01/2003-), FM II (09/2005-), FM12, FM9	132 mm	1322 000 010	Renault 7420974489 Volvo 20974489



Tailpipe

Installation location rear

This figure corresponds to 1322 000 045

Suitable for	Length	Order no	Comparative no
DAF XF95, 95XF, CF85, CF75, CF65	930 mm	1322 000 075	DAF 1312753
MAN M2000L, L2000	1530 mm	1322 000 045	MAN 81.15204-0199, MAN 81.15201-5021
Mercedes-Benz	880 mm	1322 000 064	Mercedes-Benz 674 492 00 05
Volvo FH II (09/2005-), FH12, FH16 I/II, FM II (09/2005-), FM12, FM9, FM7	900 mm	1322 000 020	Volvo 1628052



Exhaust pipe

This figure corresponds to 1322 000 072

Suitable for	Installation location	Length	Order no	Comparative no
MAN TGL	front	538 mm	1322 000 037	MAN 81.15201-6002
MAN TGS, TGA	centre	777 mm	1322 000 072	MAN 81.15205-5045
Volvo FH II (09/2005-), FH12, FH16 I/II, FM II (09/2005-), FM12, FM9, FM7	centre	400 mm	1322 000 022	Volvo 1629054



EUROPART tips for the maintenance of SCR systems

1. Even though SCR systems run reliably, regular maintenance - depending on the mileage – is a must. This means: Depending on the mileage, the pre-filter and main filter, which ensure that foreign bodies are filtered out of the urea, must be renewed.
2. Don't forget to flush the system after changing the filter! Proper service also includes performing a few system checks after changing the filter. This is the only way to ensure that the urea continues to be injected properly.
3. Correct inspection not only requires electronic diagnostic tools, e.g. for test and adjustment routines. A test kit with manual equipment is also indispensable. This can be used, for example, to determine quality and quantity with a view to the injection process.
4. Urea freezes from a temperature of -11 °C! So check the functionality of the heating system (Texa diagnostics offers you this function, for example).
5. Do not use the urea solution again once it has been contaminated! Even the smallest impurities can cause massive impairments in some parts of the SCR system.
6. Wait a few minutes after switching off the engine before starting service on the SCR system:
 - (1) The urea solution can become very hot, there is a risk of splashing out when the line is opened.
 - (2) If the vehicle has a dosing system (e.g. Bosch Denoxtronic), individual lines can still be "flushed" with this after parking. We recommend: Open all connections and closures only slowly and preferably cover the areas with a cloth during this time.



Exhaust pipe clamp

This figure corresponds to 1322 000 050

Suitable for	∅	Length	Width	Height	Order no	Comparative no
universal	120,5 mm	160 mm	130 mm	30 mm	1322 000 032	MAN 81.97420-0076 Mercedes-Benz 071555 120500 Mercedes-Benz 071555 120502 Setra 138-34.00.111-030
universal	180/280 mm	340 mm	190 mm	30 mm	1322 000 029	MAN 83.97460-5503 Mercedes-Benz 674 491 45 41
universal	127 mm			25 mm	1322 000 000	Dinex 81921
universal	127/132 mm	160 mm	140 mm	80 mm	1322 000 051	Dinex 99329
DAF XF95, XF105, 95XF, CF65, CF75, CF85		1300 mm	50 mm	30 mm	1322 000 062	DAF 1249187
Iveco EuroStar Renault Premium, Kerax, Manager	108-114 mm	150 mm	140 mm	20 mm	1322 000 053	Iveco 41800522 Renault 5010140898 Renault 5010173403 Renault 5010317399
Mercedes-Benz Actros 1/2/3, Axor		220 mm	170 mm	30 mm	1322 000 047	Mercedes-Benz 942 490 03 41 Mercedes-Benz 942 490 00 41
Mercedes-Benz Atego 1	76-79 mm	130 mm	110 mm	20 mm	1322 000 044	Mercedes-Benz 668 492 03 40
Mercedes-Benz Atego 1	87,5-90,5 mm	130 mm	120 mm	20 mm	1322 000 033	Mercedes-Benz 676 492 00 40
Mercedes-Benz Atego 2	75,5 mm	120 mm	90 mm	30 mm	1322 000 016	MAN 06.67041-0119 Mercedes-Benz 071555 075502 Neoplan 071.555.075.502
Mercedes-Benz Atego 4	88,9 mm	140 mm	120 mm	20 mm	1322 000 009	Mercedes-Benz 620 997 05 90
Mercedes-Benz Axor 2	92-96 mm	130 mm	120 mm	20 mm	1322 000 014	Mercedes-Benz 674 492 00 40
MAN Lion's Coach (R07/R08), EL (A12), NG (A11), NL (A10/A15) Mercedes-Benz Actros 2, Axor 2 Mercedes-Benz Citaro I (O 530), Tourismo I (O 350) Neoplan Tourliner (N 2216) Setra S 411 HD, S 415 GT, S 417 UL, S 315 UL	124,5 mm	140 mm	110 mm	30 mm	1322 000 031	MAN 81.97420-0157 MAN 81.97420-0062 Mercedes-Benz 071555 124500 Mercedes-Benz 000 492 12 40 Mercedes-Benz 629 491 00 40 Setra 139-34.00.191-14 Setra 629.491.0040D
MAN TGM, TGL Mercedes-Benz Econic 1 Mercedes-Benz O 405 N, Tourismo I (O 350)	100,5 mm	140 mm	110 mm	30 mm	1322 000 021	MAN 06.67041-0124 Mercedes-Benz 940 492 03 40 Mercedes-Benz 071555 100501
DAF XF105, XF95, 95XF, CF85 II (2006-), CF85 (2001-), CF75 II (2006-), CF75 (2001-) MAN F2000 Mercedes-Benz Actros 1/2/3/4, Axor 1/2/3, Atego 1, Econic 1 Mercedes-Benz Tourismo II, Travego II Renault Kerax II Setra S 431 DT, S 516 HDH, S 515 MD Volvo FH16 II (09/2006-)	130,5 mm	170 mm	140 mm	30 mm	1322 000 019	DAF 1296068 MAN 81.97401-0731 MAN 81.97420-0156 Mercedes-Benz 645 492 04 40 Mercedes-Benz 942 492 01 40 Mercedes-Benz 071555 130500 Renault 5010418587
Mercedes-Benz SK, MK, NG Mercedes-Benz O 300, O 420	107 mm	140 mm	110 mm	60 mm	1322 000 050	Mercedes-Benz 625 492 00 40
Mercedes-Benz SK, MK, NG Mercedes-Benz O 300, O 400, O 500	78,5 mm	120 mm	90 mm	30 mm	1322 000 059	Mercedes-Benz 071555 078502
Mercedes-Benz SK, MK, NG Mercedes-Benz O 300, O 400 Setra S 200, S 300	74 mm	110 mm	80 mm	50 mm	1322 000 057	Mercedes-Benz 620 492 08 40 Mercedes-Benz 620 490 08 40 Mercedes-Benz 620 492 01 40
Iveco EuroCargo, EuroFire MAN TGM, TGL Neoplan Starliner (N 516)	80,5 mm	120 mm	90 mm	30 mm	1322 000 028	Iveco 4790368 Iveco 4790369 Iveco 4715199 Iveco 4715200 MAN 81.97420-0026 MAN 81.97420-0062 Mercedes-Benz 303 493 03 43 Mercedes-Benz 071555 080502 Neoplan 11006057
Mercedes-Benz Citaro II/C2 (O 530), O 405 N, O 407 Neoplan Transliner (N 316) Setra S 415/416 NF, 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	102 mm	160 mm	130 mm	20 mm	1322 000 013	MAN 88.15202-0801 Mercedes-Benz 621 997 00 90 Neoplan 11006974 Setra 8.341.000.148

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Suitable for	∅	Length	Width	Height	Order no	Comparative no
Renault Premium II, Kerax, Magnum Volvo FH12, FH16, FM7, FM9, FM10, FM12, FL10, FL12	127/132 mm	470 mm	80 mm	40 mm	1322 000 002	Renault 7420455908 Volvo 20455908 Volvo 8156156
Scania R, P, 124, 114, 94	114-119 mm	150 mm	130 mm	40 mm	1322 000 076	Scania 328928 Scania 1384745
MAN TGX (2013-), TGS (2013-), TGS, TGA Scania R, S, P, G, L, T, 164, 144, 124, 114, 94 Scania K94/114/124, L94	132 mm	160 mm	150 mm	30 mm	1322 000 004	MAN 06.67419-0006 MAN 06.67434-6131 MAN 81.97420-0190 Scania 1335618 Scania 1422474 Scania 1387136 Scania 1371089 Scania 1863831
MAN F2000, M2000M, M2000L, L2000 Mercedes-Benz Axor 1, Atego 1 Neoplan Cityliner (N 122/3, N 217/3), Skyliner (N 122/3) Setra S 309 HD	94,5 mm	140 mm	110 mm	30 mm	1322 000 023	DAF 1136499 MAN 81.97420-0140 MAN 06.67041-0125 MAN 85.15640-0001 MAN 85.15640-0002 Mercedes-Benz 071555 094502 Neoplan 1801.348.00 Neoplan 1801.315.00 Setra 8.341.000.112 E Setra 001.987.9640
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 Mercedes-Benz Citaro II (O 530), Integro II (O 550), Tourismo I/II (O 350), Travego I/II (O 580) Setra S 416/417 HDH, S 431 DT, S 415/416 GT, S 415/416/417 GT-HD, S 417/419 UL		180 mm	150 mm	30 mm	1322 000 006	Mercedes-Benz 942 997 02 90 Mercedes-Benz 000 995 86 02

Commercial vehicle exhaust technology: The goal is to reduce pollutants

Atmospheric pollutants are generated, among other things, by the burning of fossil fuels in various sectors such as industry, power generation and transport. Various emission reduction measures have been initiated at the European level in recent decades to improve air quality and mitigate negative effects on human health and the ecosystem.

In the area of road traffic, the focus is on limiting pollutant emissions by setting limit values. As with passenger cars, the pollutant emissions of trucks and buses are regulated by European directives and regulations to which vehicle manufacturers must adhere. The approval of new commercial vehicles is subject to increasingly stricter exhaust emission limits, the aim being to achieve a gradual reduction in exhaust emissions for the entire fleet. Starting in 1990, compliance with pollutant limits became mandatory

with the Euro 0 emission class. Since then, limits and test cycles have been continuously tightened. Currently, compliance with the Euro 6 standard, which has been valid in series testing since December 31, 2013, is mandatory for the initial registration of commercial vehicles.

The permitted pollutant limits for trucks and buses are set out in EU Directives 88/77/EEC (Euro 0), 91/542/EEC (Euro 1 and Euro 2), 99/96/EC (Euro 3, Euro 4 and Euro 5) and EU Regulation 595/2009 (Euro 6). The exhaust gas limits are not defined in relation to distance, but in relation to performance in g/kWh due to the test procedure.



Exhaust pipe clamp

This figure corresponds to 1322 000 065

Suitable for	∅	Length	Width	Height	Order no	Comparative no
Mercedes-Benz Vario	74-77 mm	120 mm	100 mm	20 mm	1322 000 035	Mercedes-Benz 673 492 01 40 Mercedes-Benz 313 392 03 40
VW T4	57,5-60,5 mm	90 mm	70 mm	30 mm	1322 000 065	VW 1H0253139D



Bracket For exhaust gas system

∅ 180/280 mm
Length 450 mm
Width 220 mm
Height 70 mm

Suitable for	Order no	Comparative no
Universal	1322 000 034	MAN 81.15501-6021 MAN 81.15501-6022 MAN 81.15501-6023 MAN 81.15502-5079 MAN 81.15502-5120



Exhaust pipe gasket

Length 130 mm
Width 130 mm
Height 2 mm

Suitable for	Order no	Comparative no
universal	1322 000 074	Mercedes-Benz 302 490 00 80 Mercedes-Benz 442 490 00 80 Neoplan 0201.315.08 Neoplan 302.490.0080 Setra 139-34.00.114-04E



Clamping piece

This figure corresponds to 1322 000 024

Suitable for	∅	Inner ∅	Length	Width	Height	Order no	Comparative no
Iveco EuroCargo I/II	80-83 mm		140 mm	120 mm	20 mm	1322 000 042	Iveco 4839513
Scania R, G, P, 164 Scania K230/270/310/3440/380/420/480	146 mm	127 mm	170 mm	180 mm	30 mm	1322 000 024	Scania 1431579, Scania 1863832



Exhaust pipe socket

Installation location centre
Version female

This figure corresponds to 1322 000 043

Suitable for	∅	Length	Height	Order no	Comparative no
Mercedes-Benz O 405, O 405 N, O 407, O 408 Setra S 315 H, S 313/315 UL, S 315 NF	71 mm	100 mm	90 mm	1322 000 061	Mercedes-Benz 617 492 00 08, Mercedes-Benz 620 492 00 08
Mercedes-Benz Tourismo I (O 340, O 350), O 404, O 405, O 405 N Neoplan Transliner (N 316) Setra S 312/315 HD, S 315 HDH, S 315 GT, S 315 GT-HD	95 mm	123 mm	85 mm	1322 000 043	Mercedes-Benz 621 492 00 08



Rubber bumps

This figure corresponds to 1322 000 036

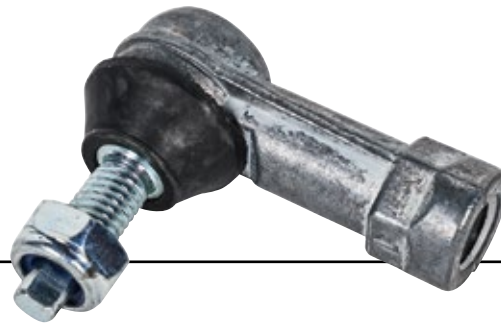
Suitable for	∅	Width	Height	Thread	Order no	Comparative no
Bova DAF Iveco MAN Renault	38 mm		40 mm	M8	1322 000 018	DAF B210027 Iveco 500362822, Iveco 500362805 MAN 81.96210-0026 Renault 7700565762, Renault 23552198 VDL Bova 285530
Volvo	50 mm		50 mm	M12	1322 000 005	Volvo 70305823, Volvo 477130800, Volvo 6850149
universal	38 mm	50 mm	50 mm	M10	1322 000 041	Mercedes-Benz 697 987 01 39
universal		50 mm	50 mm		1322 000 066	Iveco 4013947 Iveco 4035159 Iveco 8564147 Mercedes-Benz 309 490 00 37
universal		60 mm	50 mm		1322 000 071	Mercedes-Benz 667 490 00 37
universal	30 mm	30 mm	30 mm		1322 000 068	Iveco 98415197
universal	50 mm	50 mm	50 mm	M10	1322 000 003	MAN 81.96210-0153 MAN 81.96210-0127 MAN 81.96210-0602



Rubber bumps

Length x width x height 80 x 60 x 30 mm

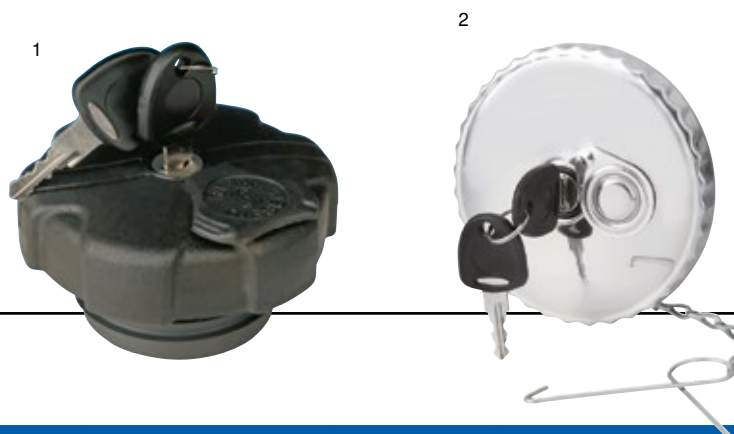
Suitable for	Order no	Comparative no
Mercedes-Benz Sprinter I (901,902, 903, 904) VW Crafter I	1322 000 036	Mercedes-Benz 901 492 00 44 VW 2D0253144A, VW 2D0253144



Ball joint for gear shift linkage

This figure corresponds to 9070 170 002

Suitable for	Thread type	Inner thread	Order no	Comparative no
DAF 85CF, 75CF, 65CF, 95, 85, 75, 65	left-hand thread	M12 x 1,75	9070 170 002	DAF 1249088
DAF 95, 95XF, F1100, F1300, F1600, F1700, F1800, F1900, F2100, F2300, F2500, F2800, F3300, F3600 MAN F90, M90 Volvo F4, F6, FL4, FL6	right-hand thread	M14 x 1,5	9070 900 103	DAF 0 386 930
MAN Lion's Coach, Lion's Star, NG, NL, NÜ, SÜ, ÜL Neoplan Centroliner	right-hand thread		9070 001 003	MAN 81.95301-6144
MAN TGM, TGL, F2000, M2000L/M, L2000, F90, M90 Volvo FL6	right-hand thread		9071 961 001	MAN 81.95301-6227 MAN 81.95301-6202 MAN 81.95301-6203 MAN 81.95301-6200 Volvo 3124625
MAN TGM, TGL, F2000, M2000M/L, L2000 MAN Lion's City (A66), Lion's Coach (1995-), Lion's Regio (2015-), Lion's Star, EL, EM, SÜ, ÜL, HOCL, FOCL Mercedes-Benz Atego 1/2/3	right-hand thread	M12 x 1,5	9070 170 001	MAN 81.95301-6170 Mercedes-Benz 000 268 46 89 Mercedes-Benz 000 268 62 89
Mercedes-Benz Actros 4, Atego 1/2 Mercedes-Benz O 405 N Setra S 309/312/315 HD, S 315 HDH/2, S 315 GT, S 315/317/319 GT-HD, S 313/315/319 UL, S 315/319 UL-GT	right-hand thread	M14 x 1,5	9070 170 000	Mercedes-Benz 000 268 48 89 Mercedes-Benz 000 268 52 89
Scania T 580, T 500, T 470, T 420, T 380, T 340, 164, 144, 124, 114, 94, 143, 113, 93	right-hand thread	M14 x 2	9070 900 090	Scania 0350270



Fuel cap

∅ 60 mm
Version lockable, with ventilation

Suitable for	Material	Fig.	Order no	Comparative no
Scania R, G, P, T, 164, 144, 124, 114, 94 Scania F94/114/230/250/270/310	plastic	1	1129 281 301	Scania 1481301
DAF Iveco Scania R, G, P, 164, 144, 124, 114, 94 Volvo	stainless steel	2	1129 208 710	DAF 1315785 Iveco 4821320 Scania 308710 Volvo 308069



Fuel cap

Version without lock, with vent
 Material plastic
 Ø 80 mm

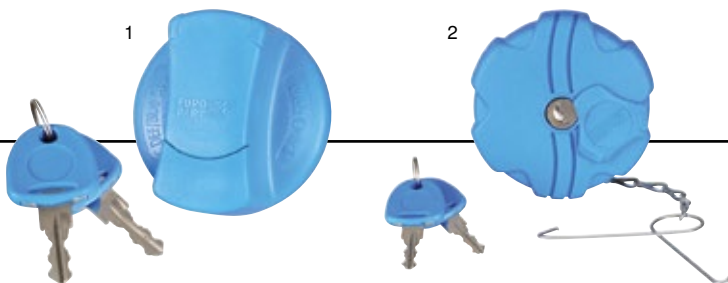
Suitable for	Order no	Comparative no
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t), Atego 1/2/3, Eonic 1	1129 200 042	Mercedes-Benz 000 470 03 05



Fuel cap

Version lockable, with ventilation
 Material stainless steel
 Ø 80 mm

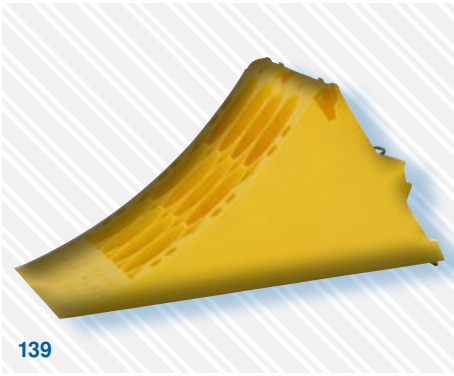
Suitable for	Order no	Comparative no
DAF XF95, CF85, CF75 Iveco Stralis I/II/III (Hi-Way), EuroCargo I, EuroTech MAN TGX (2007-), TGS, TGA, TGL (2008-) Mercedes-Benz Actros 1/2/3, Arocs, Axor 1/2/3, Atego 1 (18 t), Atego 1/2/3, Eonic 1/2 Volvo FH II (2002-), FM7 I (-2001)	1129 289 577	DAF 1697734 Iveco 500302656 MAN 81.12210-6027 Mercedes-Benz 000 471 12 30 Scania 1599007 Volvo 20392751, 3198271, 1189577, 8152630



Fuel cap for AdBlue®

Version with lock
 Material plastic

Suitable for	Fig.	Order no	Comparative no
DAF LF45 MAN TGX (2013-), TGS Mercedes-Benz Actros 2/3, Axor 1/2/3, Atego 2/3	1	1129 226 008	DAF 1742568 MAN 81.15402-6027 Mercedes-Benz 000 470 41 05 Mercedes-Benz 000 470 44 05
Iveco Stralis II, EuroCargo III, Trakker III (Hi-Land) Renault Magnum II, Premium II Scania R, G, P, series 4 Volvo FH III (2013-), FH II (2005-), FH12 (1993-), FM III (2012-), FM II (2005-), FMX II (2013-), FMX I (2010-)	2	1129 235 593	Iveco 41298639 Iveco 41298191 Renault 20926022 Scania 1759435 Volvo 20926021



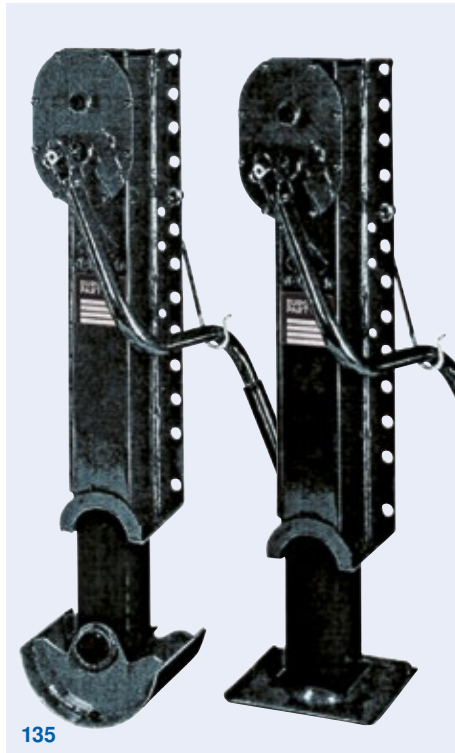
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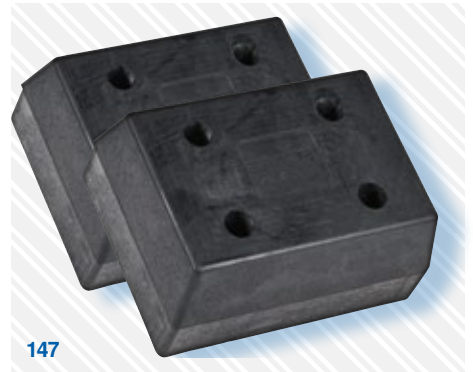
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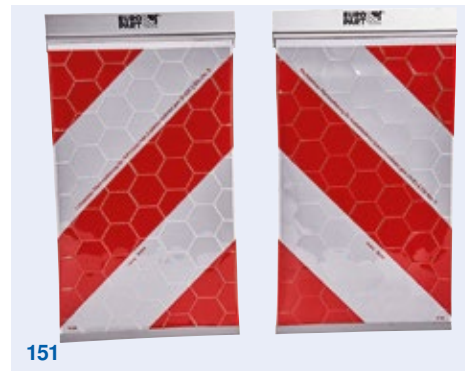
135



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Vehicle components

Add-on parts	132–139
Body parts	140–151

WINGS

- Production certified in compliance with the latest version of standard DIN ISO 9001, and continuously monitored by independent institutions
- The use of a high-quality plastic (polypropylene) without recycling contents in initial quality guarantees:
 - Very stable and extremely vibration-resistant construction design
 - Exact fit with optimum shaping
 - Temperature resistance from -52°C to +100°C
 - High ultraviolet resistance
 - Very high level of flexibility
- A high service life and reliability is the result of extensive life cycle and loading tests in the laboratory and in field tests
- Wide product range in all usual sizes
- Universally usable according to wheel size
- High-quality product labelling

6

Vehicle components



Wing half-circular

Version White Line, reinforced, without splash guard
Material plastic



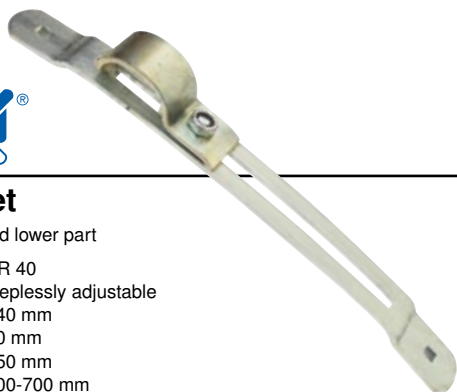
Length	Width	Height	Radius	Clamping width	Order no
1700 mm	600 mm	540 mm	550 mm	1100 mm	9090 165 500
1900 mm	430 mm	580 mm	650 mm	1300 mm	9090 167 500
1900 mm	650 mm	600 mm	630 mm	1280 mm	9090 167 000
1900 mm	680 mm	590 mm	630 mm	1270 mm	9090 181 500
2125 mm	430 mm	690 mm	650 mm	1300 mm	9090 168 000
2125 mm	670 mm	680 mm	670 mm	1340 mm	9090 168 500



Clamping rubber

This figure corresponds to 9190 049 862

Suitable for	Order no	Comparative no
DAF XF105, XF95, 95XF, 95, CF85, CF75, 85, 75, 65 Iveco Stralis I, EuroStar, EuroTech Renault Magnum II, Premium I	9190 842 757	DAF 1340450 Iveco 42533556 Renault 5001842757
DAF XF Euro 6, XF105, CF Euro 6	9190 927 847	DAF 1927847 DAF 0122035
Iveco Stralis I/II/III	9190 213 696	Iveco 41213696 Iveco 2997670
MAN TGX, TGS, TGA	9190 100 226	MAN 81.66410-0226
MAN TGX, TGS, TGA Renault Magnum II, Premium I	9190 400 192	MAN 81.66440-0192 Renault 5001856184
Mercedes-Benz Actros 1/2/3	9190 522 016	Mercedes-Benz 941 522 01 67
Mercedes-Benz Actros 4	9190 520 006	Mercedes-Benz 960 520 00 67
Renault Magnum II, Premium II, Kerax II Volvo FH III (2013-), FH II (2002-/2008-), FH12, FM II (2002-), FM12, FM10, FM7	9190 049 862	Renault 7420498623 Volvo 20498623
Renault T-Truck (2013-), Magnum II, Premium II, Kerax II Volvo FH III (2013-), FH II (2008-), FM III (2013-)	9190 094 457	Renault 7421094457 Volvo 21094457
Scania R, G, P, 144, 124, 114, 94	9190 383 858	Scania 1383858 Scania 1377600 Scania 1358343



Wing bracket

consisting of upper and lower part

Type	VR 40
Version	steplessly adjustable
Length	340 mm
Pipe Ø	40 mm
Adjustment range	150 mm
Wing radius	500-700 mm
Surface	galvanised

Order no
9092 900 049



Support tube for wing bracket

Length	700 mm
Ø	40 mm

Version	Order no
without plate	9090 001 001
with plate to bolt on	9090 001 000



Mud flap

Version with EUROPART logo

Scope of supply with fastening elements

Width	Height	Number of holes	Order no
260 mm	260 mm	2	9080 026 262
300 mm	300 mm	3	9080 030 302
350 mm	300 mm	4	9080 035 302
400 mm	300 mm	4	9080 040 302
400 mm	400 mm	4	9080 040 402
450 mm	300 mm	5	9080 045 302
450 mm	400 mm	5	9080 045 402
500 mm	400 mm	5	9080 050 402

Width	Height	Number of holes	Order no
550 mm	300 mm	6	9080 055 302
550 mm	400 mm	6	9080 055 402
600 mm	400 mm	7	9080 060 402
650 mm	400 mm	7	9080 065 402
500 mm	300 mm	5	9080 070 302
600 mm	300 mm	7	9080 160 301
650 mm	300 mm	7	9080 165 301



Rear apron for underbody protection

with EUROPART logo and traffic symbols

Version 2-piece
 Width 2400 mm
 Height 380 mm

Scope of supply complete with fittings

Order no

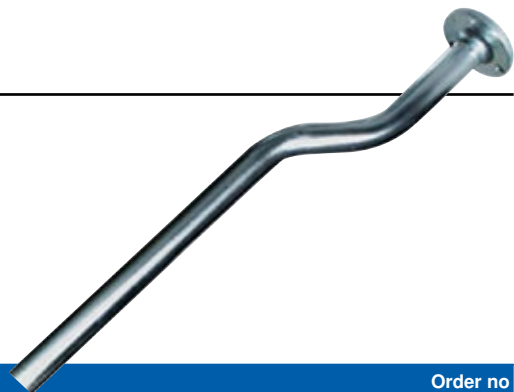
9193 180 001



Retaining tube side underrun protection

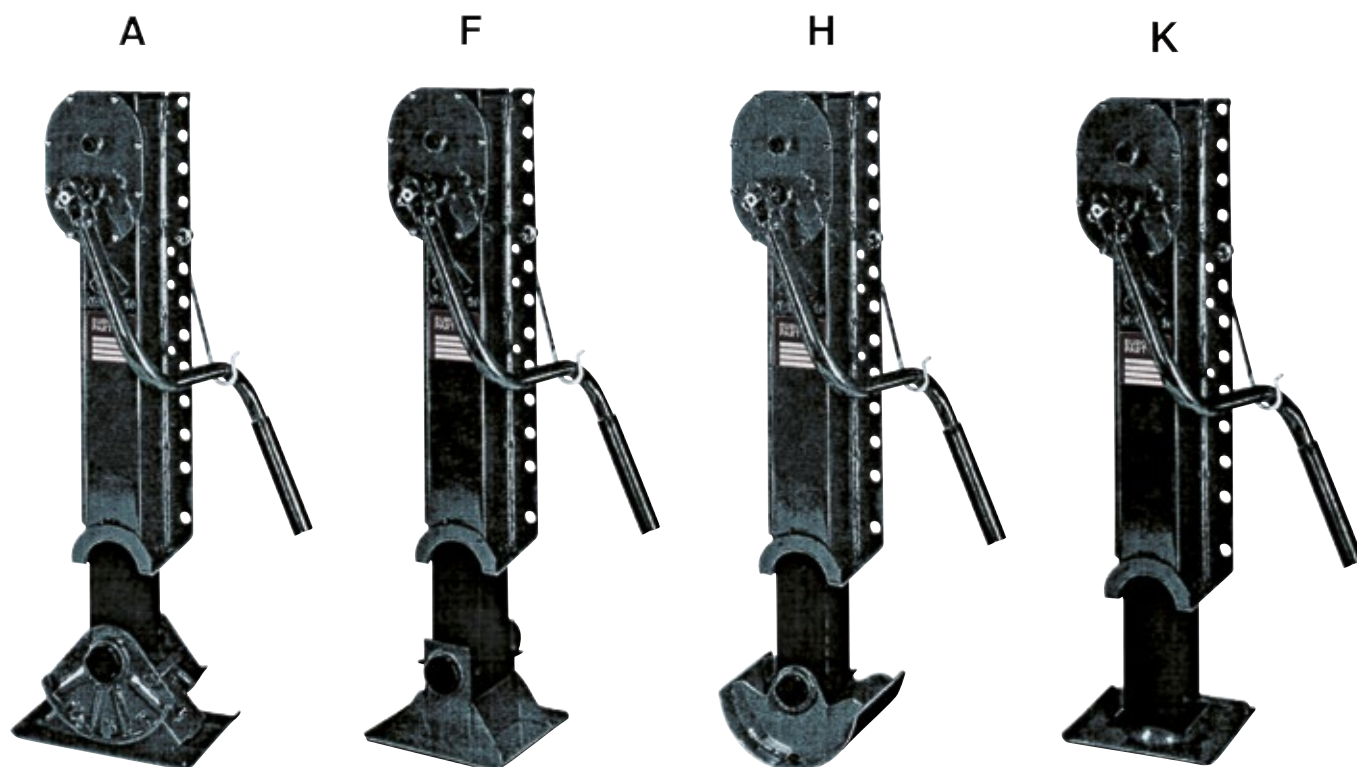
for bolting or welding onto the web of the side member

Version with flange
 Length 710 mm
 Ø 40 mm
 Crank 90 mm
 Material steel
 Surface galvanised



Order no

9085 611 860



Landing legs

Low L 1 mm
Overdrive 20 mm

A = compensating foot, F = flex support foot, H = half roller, K = ball foot

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/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

TOOLBOXES

- Production certified in compliance with the latest version of standard DIN ISO 9001, and continuously monitored by independent institutions
- VCA approval of the lateral collision protection specification certified by TÜV Rheinland in accordance with Regulation 661/2009 and UNECE Regulation 73
- Dust and waterproof according to international protection class IP59K
- Use of a high-quality thermoplastic material (polypropylene) with a smooth inner surface for easy cleaning
- Very stable construction due to all-round plastic reinforcement for maximum load-bearing capacity
- Closure lid with reinforced grid structure to protect against deformation due to external mechanical influences
- Continuous hinges for maximum stability
- Sturdy lockable Europlex closure with two keys
- Available in different sizes
- For universal use

6

Vehicle components



Sebastian Runde
Own-brand representative

„So that everything is safely stowed away.

Our toolboxes have a circumferential plastic reinforcement to guarantee a very stable construction and thus ensure maximum load-bearing capacity.

Talk to us about all other Premium Parts, we will be happy to help you!“



Storage bin

Material polypropylene

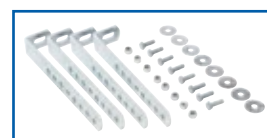
TÜV certification for dust and water-resistance,
VCA certification as side collision protection

Width x height x depth	Fig.	Order no
410 x 348 x 340 mm	1	3002 412 017
480 x 400 x 400 mm	2	3002 412 016
630 x 450 x 480 mm	3	3002 412 014

Width x height x depth	Fig.	Order no
830 x 500 x 470 mm	4	3002 412 012
1030 x 500 x 455 mm	5	3002 412 010
1250 x 520 x 500 mm	6	3002 412 018

Accessories

Description	Suitable for	Order no
Bracket set, vertical, hot-galvanised, including fastening set	storage bin 3002 412 010 + 012 + 014	3001 468 402
Bracket set, horizontal, hot-galvanised, including fastening set	storage bin 3002 412 016 + 017	3001 468 412
Bracket set, horizontal, hot-galvanised, including fastening set	storage bin 3002 412 010 + 012 + 014	3001 468 422





Fire extinguisher box

Version without window
 Suitable for 6 kg filling weight
 Width x height x depth 310 x 611 x 250 mm

TÜV certification for dust and water-resistance,
 VCA certification as side collision protection

Order no

8190 082 050

Fire extinguisher box

Version without window
 Suitable for 6 kg fire extinguisher
 Width x height x depth 265 x 595 x 280 mm

Order no

3001 462 412



Fire extinguisher box

Version with window

TÜV certification for dust and water-resistance,
 VCA certification as side collision protection

Suitable for	Width	Height	Depth	Fig.	Order no
6 kg fire extinguisher	310 mm	611 mm	250 mm	1	3002 413 810
6 kg fire extinguisher	310 mm	611 mm	250 mm	2	3001 462 132
6 kg fire extinguisher	620 mm	335 mm	240 mm	3	3001 462 170
6 kg and 9 kg fire extinguishers	310 mm	675 mm	250 mm	4	3002 412 007
9 kg fire extinguisher	715 mm	335 mm	240 mm	5	3001 462 130
12 kg fire extinguisher	335 mm	865 mm	240 mm	6	3001 462 131



Bracket for fire extinguisher

Order no

8000 000 592

CHOCKS

- Production certified to the highest automotive standard (IATF 16949) and continuously monitored by independent institutions
- Use of a high-quality thermoplastic (PP=polypropylene) in a very tough and extremely durable design
- The additionally-mounted grounding tongue makes use on unmetalled roads possible as well
- Very high anti-skid protection due to an additional galvanised steel plate on the underside
- Available in two nominal sizes:
 - 160 mm: up to 7.5 t, NG 46, R = 460 mm
 - 200 mm: from 7.5 t, NG 53, R = 555 mm
- Meeting the requirements of DIN ISO 76051
- For universal use
- High-quality product labelling



Chock NG53

Form G53
Material Plastic
Length 467 mm

Width 198 mm
Height 225 mm
Colour yellow

Order no

9080 010 106



Chock NG46

Form G46
Material Plastic
Length 383 mm

Width 160 mm
Height 193 mm
Colour yellow

Order no

9080 100 106



Hoop cramp for round eye 36/40 mm and oval eye 42 x 22 mm

Overall length	71 mm	Distance between holes	51 mm
Width	20 mm	Surface	galvanised
Interior width	21 mm		

Interior height	Order no
25 mm	9630 000 660
30 mm	9081 314 460
38 mm	9630 000 320



Hoop cramp for round eye 36/40 mm and oval eye 42 x 22 mm

Version	with 4 rivet holes	Interior width	20 mm
Overall length	65 mm	Distance between holes	51 mm
Width	40 mm	Surface	galvanised

Interior height	Order no
25 mm	9630 000 670
30 mm	9630 000 290



Hoop cramp for round eye 36/40 mm and oval eye 42 x 22 mm

Version	foldable	Interior width	20 mm
Overall length	72 mm	Distance between holes	51 mm
Width	22 mm	Surface	galvanised

complies with customs regulations

Interior height	Order no	Interior height	Order no
25 mm	9630 000 685	45 mm	9630 000 020
37 mm	9630 000 010	55 mm	9630 000 690



Hoop cramp for round eye 36/40 mm and oval eye 42 x 22 mm

Version	foldable, with welded-on counterplate	Interior width	20 mm
Overall length	45 mm	Distance between holes	28 mm
Width	21 mm	Surface	galvanised

complies with customs regulations

Interior height	Order no
25 mm	9081 315 030
45 mm	9630 000 440



Hoop cramp for round eye 36/40 mm and oval eye 42 x 22 mm

Version	foldable	Interior width	20 mm
Overall length	45 mm	Distance between holes	28 mm
Interior height	37 mm	Surface	galvanised
Width	20 mm		

does not comply with customs regulations

Order no
9081 313 780



Hoop cramp for round eye 40 mm and oval eye 42 x 22 mm

Overall length	76 mm	Interior height	30 mm
Width	25 mm	Distance between holes	55 mm
Interior width	28 mm	Surface	galvanised

Order no
9630 001 156



**Belt cramp
for slotted eye 38 x 8 mm**

Version	medium size	Overall length	61 mm
Width	15 mm	Distance between holes	46 mm
Interior width	22 mm	Surface	galvanised
Height	15 mm		

Order no	9630 001 170
-----------------	---------------------



**Belt cramp
for slotted eye 38 x 8 mm and 40 mm**

Width	15 mm	Distance between holes	51 mm
Interior width	26 mm	Surface	galvanised

Height	Order no	Height	Order no
16 mm	9630 000 040	25 mm	9630 000 050
20 mm	9630 000 061	30 mm	9630 000 092



**Screw closure
for oval eye 42 x 22 mm**

Version	with Nirosta spring	Height	17 mm
Length	66 mm	Distance between holes	51 mm
Width	15 mm	Surface	galvanised

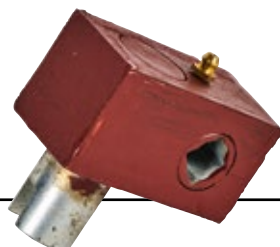
Order no	9630 000 080
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**Screw closure
for oval eye 42 x 22 mm**

Version	foldable, with Nirosta spring	Height	21 mm
Length	66 mm	Distance between holes	51 mm
Width	15 mm	Surface	galvanised

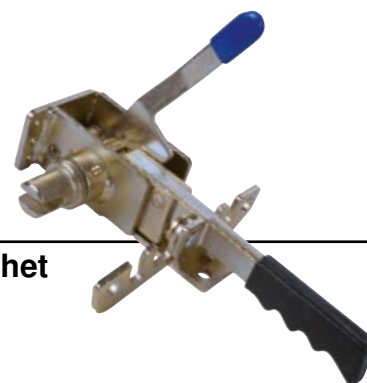
Order no	9630 000 081
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**Clamping gear
for hand crank**

Type	40	Height	38 mm
Version	with slotted entry	Depth	73 mm
Installation side	left/right	Square	14 mm
Width	38 mm		

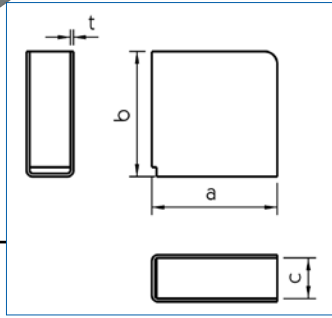
Order no	7809 900 006
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**Tarpaulin clamp ratchet
Type R45**

Version	with slotted adapter
Length	160 mm
Height	50 mm
Width	70 mm

Installation location	Order no
front left, rear right	9631 134 810
front right, rear left	9631 134 820



Slip-in bag for slat board

Version single, open
Surface untreated
a 80 mm

b 110 mm
c 28 mm
t 2.5 mm

Order no

9081 312 220



End plug for aluminium drop-in slat profile

Version to put in
Width 25 mm
Height 100 mm
Material PUR

Order no

9081 315 360

6

Vehicle components



Counterholder for stanchions K 20

Version without flange
Material steel
Surface untreated

Order no

9081 213 470



Hinge bearing for tie rod M12

Type 6561
Surface galvanised



Order no

9081 116 020



Accessories

Description

Threaded plate, M8, with 12 mm hole for tie rod

Order no

9081 117 510



Hinge bearing

Type 6552 N
Surface galvanised



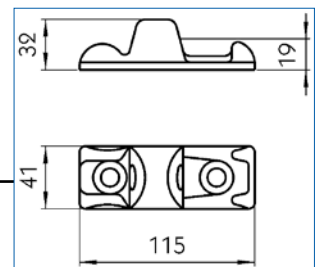
Order no

9081 117 320



Hinge bearing with hinge pin

Length 115 mm
Width 41 mm



Type

Version

Surface

Order no

6540 for welding or screwing into place

untreated

9081 115 420

6541 with 2 holes 9 mm

galvanised

9081 115 430



Hinge pin

Type 6541 N
 Length 101 mm
 Width 48 mm
 Surface galvanised

Order no
9081 117 480



Threaded plate

Thread M6

This figure corresponds to 9081 118 190

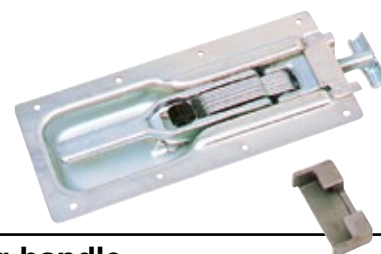
Version	Length	Depth	Order no
	80 mm	6 mm	9081 118 190
with 13 mm middle hole	100 mm	7 mm	9081 117 610



Recessed locking handle for platform bodies

Type 681 SL
 Version with press button locking against self-opening
 Length 268 mm
 Width 120 mm
 Installation depth 22 mm
 Surface galvanised

Order no
9081 025 120



Recessed locking handle for heavy platform bodies and folding wall bodies

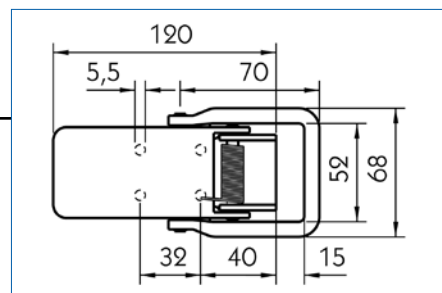
Type 681 S
 Version with press button locking against self-opening
 Installation side left/right
 Length 268 mm
 Width 120 mm
 Installation depth 22 mm
 Surface galvanised

Order no
9081 024 590



Toggle fastener with lug for padlock

Length 120 mm
 Width 52 mm
 Lever length 70 mm
 Mounting height 25 mm
 Surface galvanised



Order no
9080 714 820

Accessories

Description

Counterholder



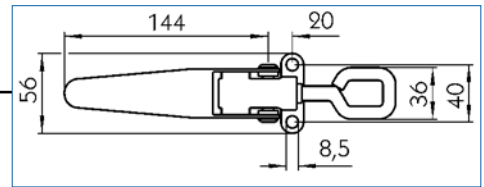
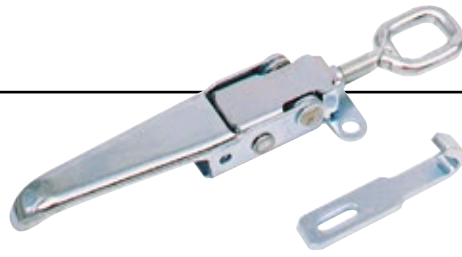
Order no
9080 710 620

6 Vehicle components



Toggle fastener for screw attachment

Overall length 210-235 mm
Width 56 mm
Lever length 119 mm
Surface galvanised



Application range

suitable for light to medium-weight trucks, car trailers, light platform bodies, tool chests, transportation containers, agricultural vehicles or for securing tarpaulins on vehicles

Order no

9081 016 880

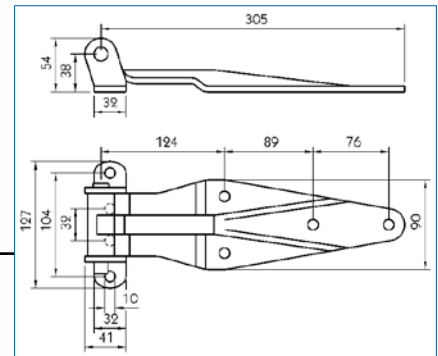
6

Vehicle components



Container door hinge

Length 305 mm
Width 127 mm
Surface galvanised



Scope of supply

complete, with bolt-on mounting and hinge pin

Order no

9081 115 960



Container lock set

Version 3/4"
Surface galvanised

Scope of supply

2 clamping spigots, 2 counterholds, 2 rod brackets with base, 2 rod guides with base, 1 hand lever, 1 bracket, 1 complete locking device



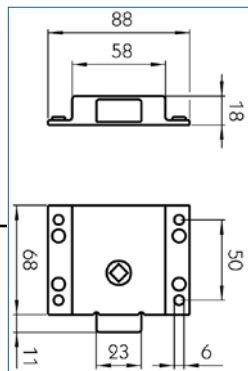
Order no

9081 026 780



Lock with latch

Installation side right
Length 68 mm
Width 88 mm



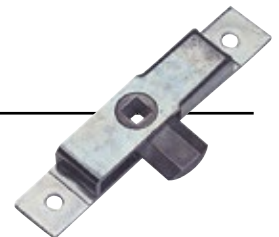
Order no

9802 218 310



Tongue lock for installation in door closures

Version screw attachment
Installation side left/right
Surface galvanised



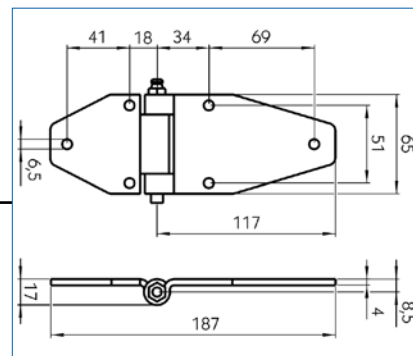
Dimensions	Arbour size	Square	Order no
100 x 19 mm	9 mm	7 mm	9802 214 700
125 x 28 mm	13 mm	8 mm	9802 214 900



Removal van hinge

both sides with 3 holes each, diameter 6,5 mm

Version with hinge pin and lubrication nipple
 Width 65 mm
 Length 70/116 mm
 Surface galvanised



Order no

9081 117 240



Door fastener with cylinder lock

Width 140 mm
 Height 102 mm
 Material Nirosta



Order no

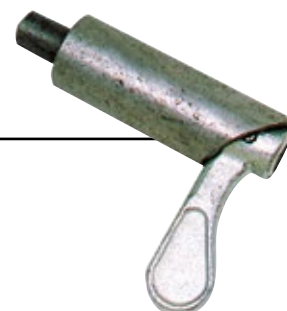
9088 071 035



Spring locking bolt with latching

Stroke 14 mm

Application range for weld attachment



Type	Bolt-∅	Order no
S 1014 N	10 mm	9802 834 000
S 1214 N	12 mm	9081 023 330



Door catch

Version with protective rubber plugs
 Surface galvanised
 Length 540 mm
 Width 350 mm
 280 mm extendable



Order no

6800 154 020



Door catch

Version can be pulled out and folded, with compression spring
 Surface galvanised
 door stop arm 370 mm long and 320 mm extendable



Application range especially suitable for box trucks with rear double doors and side doors

Order no

9081 315 170



Door catch

Length 103 mm
 Material Nirosta



Version 2-piece
 Order no 9088 071 458



Door catch for box trucks

Type 335 A
 Material Nirosta

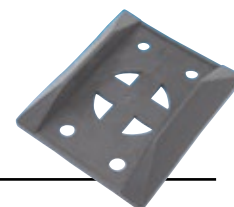


Order no 9081 315 660



Base for door stop

Type 339 A
 Length 70 mm
 Width 60 mm
 Material plastic



Order no 9081 315 660

IMPACT BUFFERS

- Production to the highest quality standard DIN ISO 9001, certificated and continuously monitored by independent institutions
- Meeting all the requirements of DIN ISO 3302-1- M3 and DIN ISO 2768
- Use of a high-quality rubber in OEM quality
- Optimum Shore hardness for a very high elasticity and the best possible absorption of kinetic energy
- Very high mechanical and dynamic resilience with high wear resistance at the same time
- Use of a sturdy base plate made of steel and vulcanised into place
- Exact compliance with all functionally relevant dimensions
- Very high resistance to UV, oils, greases and ozone
- Easily mounted and changed, universally applicable designs
- Available in various versions and sizes
- Excellent protection for truck, trailer and loading ramps

6

Vehicle components



David Freudenreich
Own-brand representative

„Effective vehicle protection!“

Our ramming buffers impress with their very high mechanical and dynamic load capacity combined with high wear resistance – a premium part through and through.

Please feel free to contact us about our EUROPART Premium Parts, together we will find the optimal solution for you. “



Impact buffer

This figure corresponds to 9084 600 083

Length	Width	Height	Order no
125 mm	40 mm	45 mm	9084 600 083
164 mm	124,5 mm	61 mm	9084 600 080
165 mm	96 mm	79 mm	9084 600 090
167 mm	127,5 mm	78 mm	9084 600 077
180 mm	125 mm	74 mm	9084 600 088
200 mm	52 mm	60 mm	9084 600 078
200 mm	52 mm	80 mm	9084 600 081
200 mm	150 mm	80 mm	9084 600 079
250 mm	80 mm	100 mm	9084 600 091

Length	Width	Height	Order no
250 mm	105 mm	133 mm	9084 600 089
302 mm	55 mm	25 mm	9080 010 182
315 mm	35 mm	60 mm	9084 600 086
321 mm	100 mm	97 mm	9080 010 183
360 mm	98 mm	97 mm	9084 600 084
374 mm	65 mm	68 mm	9084 600 087
400 mm	52 mm	60 mm	9084 600 082
400 mm	52 mm	80 mm	9084 600 085
528 mm	59 mm	35 mm	9086 000 100



Impact buffer

Version rubber aggregate vulcanised onto metal plate
 Height 50 mm
 Ø 30/43 mm
 Threaded bolt M10 x 25

Application range
 especially suitable as bump stop for drop sides, ideal as ramp protection

Order no
9080 000 253



Rubber pulley for roller impact buffers

Ø 100 mm
 Width 80 mm

Order no
7809 100 001

GAS SPRINGS

- Production certified to the highest quality standard DIN ISO 9001, and continuously monitored by independent institutions
- The use of high-quality materials in original equipment quality, in combination with precision in the manufacturing process guarantees:
 - Exact cylinder and piston diameters
 - Precisely fitting connections and fittings
 - Highly effective seals
 - High level of durable corrosion protection
- Comfortable opening and closing due to compliance with defined spring characteristics, extension speeds and integrated end position damping
- Easy installation due to precisely fitting angle joints, rod eyes, ball cups and clevises
- Exact nitrogen (N₂) and oil fillings
- Can be used in the temperature range from -40 to +80 °C
- Wide product range for all standard types of vehicles

6

Vehicle components



Rainer Lersch
Own-brand representative

„See for yourself!“

Thanks to the high-quality materials and precision in the manufacturing process, precise-fitting connections and fittings are guaranteed.

Simply contact us – no matter whether you need information about other product groups or gas springs. We look forward to hearing from you. “



Gas spring

This figure corresponds to 4440 512 022

Suitable for	Version	Spring force	Length	Stroke	Order no	Comparative no
ERF	for engine hatch	400 N	485 mm	200 mm	4440 512 031	Stabilus 083755
MAN E2000, F2000, M2000M	for front hatch	220 N	719,5 mm	322,5 mm	4440 512 022	Stabilus 334200
Mercedes-Benz Atego Scania R, G, P, T, 164, 144, 124, 114, 94 Setra S 419 GT-HD	for wind deflector	400 N	145,5 mm	40 mm	4440 512 020	Stabilus 094307
Scania 164, 144, 124, 114, 94	for front hatch	250 N	486 mm	200 mm	4440 512 024	Stabilus 3665AV



Gas spring

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	for luggage/cargo compartment	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

Spring force 700 N
Length 205,5 mm
Stroke 60 mm

Suitable for	Order no	Comparative no
Mercedes-Benz Vito Bus (W 638)	4440 512 021	Stabilus 084034



Gas spring

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



Gas spring

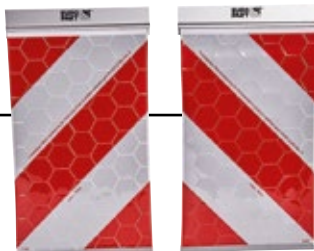
Version	Spring force	Length	Stroke	Fastening	Order no	Comparative no
for tank flap	75 N	155,5 mm	40 mm	2 x ball seat (plastic)	4440 512 036	Stabilus 7832BS
for side flap	75 N	265,5 mm	100 mm	eye/eye (metal)	4440 512 050	Stabilus 163457
	700 N	155,5 mm	33 mm	eye/eye (metal)	4440 512 033	Stabilus 7958YM
for luggage/cargo compartment	700 N	585,5 mm	250 mm	eye/eye (metal)	4440 512 048	Stabilus 084808
for luggage/cargo compartment	600 N	525 mm	200 mm	2 x angled joint ball seat (plastic)	4440 512 061	Stabilus 083860
for luggage/cargo compartment	600 N	585 mm	250 mm	eye/eye (metal)	4440 512 045	Stabilus 084794
for luggage/cargo compartment	500 N	155,5 mm	39 mm	2 x angled joint ball seat (plastic)	4440 512 032	Stabilus 5956TE
for engine bonnet	500 N	285 mm	100 mm	2 x angled joint ball seat (plastic)	4440 512 055	Stabilus 083380
for luggage/cargo compartment	500 N	321 mm	120 mm	2 x angled joint ball seat (plastic)	4440 512 039	Stabilus 094498
for luggage/cargo compartment	500 N	485 mm	200 mm	eye/eye (metal)	4440 512 049	Stabilus 084638
for engine compartment hatch	500 N	525 mm	220 mm	2 x angled joint ball seat (plastic)	4440 512 040	Stabilus 083852
for side/engine hatch	420 N	700 mm	305 mm	2 x angled joint ball seat (plastic)	4440 512 035	Stabilus 0773PX
for side flap	420 N	750 mm	290 mm	eye (metal)/angled joint ball seat (plastic)	4440 512 042	Stabilus 2325BD
for trailing edge valve	400 N	162 mm	42 mm	eye/eye	4440 512 034	Stabilus 0146SC
for wind deflector	300 N	106,5 mm	20 mm	Eye/eye	4440 512 060	Stabilus 192961
for luggage/cargo compartment	250 N	485 mm	200 mm	eye/eye (metal)	4440 512 047	Stabilus 094862
for side flap	200 N	265,5 mm	100 mm	eye/eye (metal)	4440 512 041	Stabilus 082511
for front flap	200 N	405 mm	160 mm	Ball joint/ball joint	4440 512 051	Stabilus 083585
	200 N	481 mm	200 mm	2 x angled joint ball seat (plastic)	4440 512 043	Stabilus 083739
for tailgate	200 N	485 mm	200 mm	eye/eye (metal)	4440 512 058	Stabilus 084581
for luggage/cargo compartment	200 N	585 mm	246 mm	eye/eye (metal)	4440 512 057	Stabilus 084964
	150 N	224 mm	80 mm	eye/eye	4440 512 053	Stabilus 082422
for side flap	100 N	234 mm	80 mm	2 x ball seat (plastic)	4440 512 037	Stabilus TN 503100
for luggage/cargo compartment	100 N	265,5 mm	100 mm	eye/eye (metal)	4440 512 046	Stabilus 082481



Warning flag set for tail lift

Version left and right attachment
 Width 260 mm
 Height 400 mm
 Material PVC

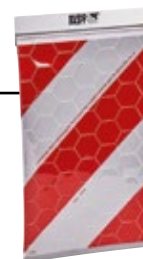
Scope of supply
 with aluminium holder



Warning markings for tail lift

Width 260 mm
 Height 400 mm
 Material PVC

Scope of supply
 with aluminium holder



This figure corresponds to 9651 700 022

Order no
1261 700 034

Version	Order no
left attachment	9651 700 022
right attachment	9651 700 032

COMING SOON!
FROM 4TH QUARTER 2021

**EUROPART OPERATING
 ELEMENTS FOR TAIL LIFTS**





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Vehicle equipment

Driver cab	154–156
Heating and ventilation	157
Load securing	158–166
Accessories	167–170



Driver cab tilting pump

This figure corresponds to 2591 211 279

Suitable for	Version	Outer thread	Inner thread	Order no	Comparative no
DAF XF105, XF95, CF85, CF65 II (2006-)	manual	M12 x 1,5/M14 x 1,5		6171 450 903	DAF 1450903
DAF XF95	manual	M12 x 1,5/ M14 x 1,5		6001 315 942	DAF 1315942
Iveco EuroCargo I/II				2591 216 228	Iveco 98481241
Iveco EuroTech				2591 211 279	Iveco 8160173
Iveco Stralis II AD	hydraulic			1325 081 222	Iveco 41281222
MAN F2000, M2000L/M, F90				5234 172 361	MAN 81.41723-6114
MAN TGX (2013-), TGX (2007-), TGS, TGM (2013-), TGM	hydraulic			5237 236 020	MAN 85.41723-6020
Mercedes-Benz Actros 1				9465 539 901	Mercedes-Benz 000 553 99 01 Mercedes-Benz 001 553 14 01
Mercedes-Benz Actros 1, Axor 1/2/3, Atego 1	hydraulic	M12 x 1,5	M10 x 1,5	9465 533 601	Mercedes-Benz 001 553 36 01
Mercedes-Benz Actros 2/3		M12 x 1,5	M10 x 1,5	9460 155 338	Mercedes-Benz 001 553 38 01
Mercedes-Benz Actros 2/3		M12 x 1,5	M10 x 1,5	9460 155 341	Mercedes-Benz 001 553 41 01
Mercedes-Benz SK, MK, NG, LK/LN2		M12 x 1,5/M12 x 1,5		9460 166 233	Mercedes-Benz 000 553 68 01
Renault Magnum II				6421 075 769	Renault 5010615920
Renault Premium I	manual	M12 x 1	M12 x 1	6420 316 404	Renault 5010316404
Renault Premium II, Kerax II Volvo FE II (2013-), FE I (2010-2012)	manual			6422 053 294	Renault 7482053294 Volvo 82053294
Scania 143, 113	hydraulic			8000 012 012	Scania 1314653
Scania R 620, R 580, R 560, R 500, R 480, R 470, R 440, R 420, R 400, R 380, R 340, R 310, R 270, R 230, P 420, 164, 124, 114, 94, 3	hydraulic	M12 x 1,5/M14 x 1,5		6170 123 011	Scania 1549741
Scania R 620, R 580, R 560, R 500, R 480, R 470, R 440, R 420, R 400, R 380, R 360, R 340, R 320, R 310, R 270, R 230, G 480, G 470, G 440, G 420, G 400, G 380, G 360, G 340, G 320, G 310, G 280, G 270, G 230, P 500, P 470, P 420, P 400, P 380, P 360, P 340, P 320, P 310, P 280, P 270, P 230, 164, 144, 124, 114, 94	hydraulic			8001 549 740	Scania 1549740
Scania R 730, R 620, R 580, R 560, R 500, R 480, R 470, R 440, R 420, R 400, R 380, R 360, R 310, 3	hydraulic			1325 094 906	Scania 1794906
Scania R 730, R 620, R 580, R 560, R 520, R 500, R 490, R 480, R 470, R 460, R 450, R 440, R 420, R 410, R 400, R 380, R 370, R 360, R 340, R 310, R 270, R 230, G 620, G 490, G 480, G 470, G 460, G 450, G 440, G 420, G 410, G 400, G 380, G 370, G 360, G 340, G 320, G 310, G 280, G 270, G 250, G 230, P 550, P 480, P 470, P 460, P 450, P 440, P 420, P 410, P 400, P 380, P 370, P 360, P 340, P 320, P 310, P 280, P 270, P 250, P 230, 3	hydraulic			1325 123 017	Scania 1794907
Volvo F16, F12, F10, FL12, FL10, FL7	manual	M14 x 1,5	M10 x 1,5	6170 000 214	Volvo 1606772
Volvo FH12 (1993-), FM12, FM10, FM7 (1998-)	hydraulic	M14 x 1,5		8000 003 472	Volvo 1075296
Volvo FH II (2002-2012), FM II (2002-2012), FMX I (2010-2012)		M12 x 1,5		6170 917 279	Volvo 20455262



Driver cab tilt cylinder

This figure corresponds to 5831 938 630

Suitable for	Length	Stroke	Outer thread	Order no	Comparative no
DAF XF105, XF95	861 mm			6171 444 742	DAF 1444742
Iveco EuroCargo I/II/III	668 mm	515 mm	M12 x 1,5	2591 000 801	Iveco 98427951
MAN TGS (2013-), TGS, TGA	889/1545 mm	656 mm	M12 x 1,5	5237 236 123	MAN 81.41723-6123
MAN TGX (2007-), TGX (2013-)	940/1663 mm	723 mm	M12 x 1,5	5230 281 218	MAN 81.41723-6124
Mercedes-Benz Actros 1	676 mm	345 mm	M12 x 1,5	9465 531 405	Mercedes-Benz 002 553 10 05
Mercedes-Benz Actros 1/2/3	698/1155 mm	457 mm	M12 x 1,5	1325 004 621	Mercedes-Benz 002 553 91 05 Mercedes-Benz 003 553 20 05
Mercedes-Benz Actros 1/2/3	642/1099 mm	457 mm		1325 462 147	Mercedes-Benz 002 553 88 05 Mercedes-Benz 002 553 84 05
Mercedes-Benz Actros 1/2/3	698/1155 mm	457 mm	M12 x 1,5	1325 462 159	Mercedes-Benz 002 553 92 05
Mercedes-Benz Axor 1/2/3	711 mm	225 mm	M12 x 1,5	9465 538 505	Mercedes-Benz 002 553 85 05
Mercedes-Benz NG/SK Reihe	659/890 mm	231 mm	M12 x 1,5	9460 166 311	Mercedes-Benz 001 553 35 05
Scania 164, 124, 114, 94	646 mm	300 mm	M12 x 1,5/M14 x 1,5	6171 549 737	Scania 1549737
Scania G 490, G 480, G 470, G 460, G 450, G 440, G 410, G 400, G 370, G 360, G 340, G 320, G 310, G 280, G 250, G 230, 3	582 mm	404 mm		1325 048 921	Scania 1848921
Scania G 620, G 480, G 470, G 440, G 420, G 380, G 340, G 310, G 270, G 230, 164, 144, 124, 114, 94	648-960 mm	330 mm	M12 x 1,5/M14 x 1,5	8000 012 046	Scania 1549738
Scania P 420, R 620, R 580, R 560, R 500, R 480, R 470, R 440, R 420, R 400, R 380, R 360, R 340, R 320, R 310, R 270, R 230, 3	701 mm	330 mm	M12 x 1,5/M14 x 1,5	6170 123 001	Scania 1720925
Scania P 550, P 500, P 470, P 460, P 450, P 440, P 420, P 410, P 400, P 380, P 370, P 360, P 340, P 320, P 310, P 280, P 270, P 230, 124, 114, 94, 3	502/820 mm	318 mm	M12 x 1,5	8001 549 739	Scania 1549739
Scania R, G, P Scania Touring HD 121	651 mm	391 mm	M12 x 1,5/M14 x 1,5	5831 938 630	Scania 1938630
Scania R 420, P 500, P 480, P 470, P 460, P 450, P 440, P 420, P 410, P 400, P 380, P 370, P 360, P 340, P 320, P 310, P 280, P 270, P 250, P 230, 124, 114, 94	496 mm	332 mm	M14 x 1,5/M12 x 1,5	6170 123 003	Scania 1720927
Scania R 620, R 580, R 560, R 500, R 480, R 470, R 440, R 420, R 400, R 380, R 360, R 340, R 310, R 270, R 230, P 420	696/1041 mm	345 mm	M12 x 1,5/M14 x 1,5	6031 720 924	Scania 1720924
Volvo FH II (2002-2013)	670 mm			6170 922 303	Volvo 20922303 Volvo 3198842



Driver's cab interlocking

Version without sensor
Installation side left/right

Suitable for	Order no	Comparative no
MAN TGX, TGS, TGA, TGM, TGL	5238 516 003	MAN 85.61851-6003



Driver's cab interlocking

Width 49 mm
Length 174 mm
Thickness 180 mm

Suitable for	Order no	Comparative no
Mercedes-Benz Actros 1/2/3	5828 618 283	Mercedes-Benz 942 310 03 83



Driver's cab interlocking

Suitable for	Order no	Comparative no
Scania	6170 122 142	Scania 1383496



WIPER BLADES

- Production according to the highest automotive standard (IATF16949), certified by SGS and continuously monitored
- Made of high quality materials
- Very stable metal frame
- Perfect rubber compound for maximum wiping quality
- Long service life due to even contact pressure
- Very high precision fit
- Very good winter capability
- Quick and easy to install
- Wide product coverage
- High-quality product labelling
- High-quality showroom packaging

7

Vehicle equipment



Wiper blade

Length	Version	Order no	Comparative no
500 mm	with 2 adapters	7257 002 230	SWF 132.500
550 mm	with 1 adapter	7257 002 080	SWF 132.550
600 mm	with 3 adapters	7257 002 090	SWF 132.603
650 mm	with 3 adapters	7257 002 100	SWF 132.652
700 mm	with integrated washer nozzle	7257 132 705	SWF 132.705
700 mm		7257 002 020	SWF 132.702
700 mm	With 4 adapters	7257 002 110	SWF 132.704
800 mm	with 3 adapters	7257 002 050	SWF 132.801
900 mm		7257 002 060	SWF 132.901
1000 mm		7257 002 070	SWF 132.001
1000 mm	with 2 adapters	7257 002 040	SWF 132.000

FAN MOTORS

- Production certified in compliance with the latest version of standard DIN ISO 9001, and continuously monitored by independent institutions
- The selection of high-grade materials in combination with precise compliance with all functional dimensions in the manufacturing process is guaranteed:
 - Low-noise running engine
 - Low power consumption
 - Optimised smooth running
 - Very high precision fit
- Working temperature from -40 °C to +65 °C
- Fan wheels made from high-grade plastics PP GF20 and PA6 GF20
- High-grade bearings with lifetime lubrication
- Balanced shafts for optimum concentricity
- Optimum efficiency
- EMC tested (certified) = electro-magnetic-compatibility



Interior fan

Voltage 24 V

This figure corresponds to 1221 900 230

Suitable for	Power	Ø	Order no	Comparative no
DAF XF95, 95XF, CF85, 85CF, 75CF, 65CF, 85, 75, 65	300 W		1221 900 237	DAF 1331270
MAN F90, M90, LK Mercedes-Benz LK/LN2	216 W		1221 900 234	MAN 81.61930-0036 Mercedes-Benz 000 830 63 08 Mercedes-Benz 000 830 93 08
MAN Lion's Coach, Lion's Regio Neoplan Cityliner, Jetliner, Starliner, Trendliner			1221 900 240	MAN 36.77930-6037
MAN M2000L, L2000, F90, M90 Mercedes-Benz MK, LK Mercedes-Benz O 405, O 407, O 408 Volvo FH12, FM12	300 W	130 mm	1221 900 236	MAN 81.61930-0055 Mercedes-Benz 001 830 03 08 Volvo 3090909
MAN M2000L, L2000, F90, M90 Mercedes-Benz O 405 Volvo FL12, FL10, FL7, FL6	276 W	100 mm	1221 900 238	MAN 81.61930-0042 Mercedes-Benz 001 830 02 08 Volvo 8157216
MAN TGX, TGS, TGA, TGM, TGL	300 W		1221 900 235	MAN 81.61930-6083
Mercedes-Benz Actros 2	288 W	111 mm	1221 900 232	Mercedes-Benz 002 830 84 08
Mercedes-Benz Atego 1	237 W	146 mm	1221 900 230	Mercedes-Benz 002 830 40 08
Mercedes-Benz Citaro I (O 530), O 350, O 405			1221 900 239	Mercedes-Benz 002 830 35 08
Scania 164, 144, 124, 114, 94, R, G, P, T164, T144, T124, T114, T94	115 W	130 mm	1221 900 231	Scania 1357713
Volvo FH12/16, FM12, FM II (2001-)	120 W		1221 900 233	Volvo 20443820

LOAD SECURING

- Testing of all significant product and quality properties in cooperation with external testing institutions
- DIN EN 12195-2 certificated: properties exceed requirements
- Ratchet 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

7

Vehicle equipment

From north to south, from west to east – We secure Europe's roads

We sold 2,681 kilometres of lashing straps in 2020.

This corresponds to the distance

Hagen - Lisbon = 2,287 km or

Hagen - Moscow = 2,282 km



SPECIAL EDITION



Ratchet strap

with fully stitched label,
with imprint "LEIDENSCHAFT VERBINDET – PASSION UNITES"

Width	50 mm	Load capacity	2000 daN
Length	10000 mm	Pre-tension force	300 daN
Fixed end	400 mm	Colour	orange
Loose end	9600 mm	Standard	DIN-EN 12195-2

permissible tensile force 2000 daN stretched, 4000 daN in strapping

Scope of supply
2-piece

(Illustration similar)

Order no

7801 050 104



Ratchet strap

with fully stitched label

Width	50 mm	Material	polyester (PES)
Load capacity	5000 daN	Standard	EN 12195-2
Fixed end	500 mm		

permissible tensile force 2500 daN stretched, 5000 daN in the strapping

Scope of supply

2-piece

Version	Pre-tension force	Loose end	Length	Fig.	Order no
with profile hook and push ratchet	300 daN	7500 mm	8000 mm	1	7801 000 030
with profile hook and push ratchet	300 daN	9500 mm	10000 mm	1	7801 000 000
with profile hook and pull ratchet	500 daN	7500 mm	8000 mm	2	7801 000 036
with profile hook and pull ratchet	500 daN	9500 mm	10000 mm	2	7801 000 038



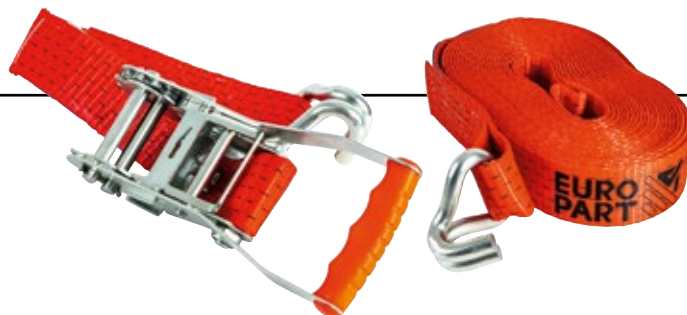
Ratchet strap

Width	50 mm
Pre-tension force	300 daN
Colour	red
Material	polyester (PES)
Standard	EN 12195-2

permissible tensile force 2500 daN stretched, 5000 daN in the strapping

Scope of supply

2-piece



This figure corresponds to 7801 000 184

Version	Length	Fixed end	Loose end	Order no
with U profile hook and push ratchet	8000 mm	500 mm	7500 mm	9690 000 027
with spring hook and push ratchet	8000 mm	500 mm	7500 mm	9690 000 028
with profile hook and push ratchet	12000 mm	500 mm	11500 mm	¹ 7801 000 184

¹ with fully stitched label



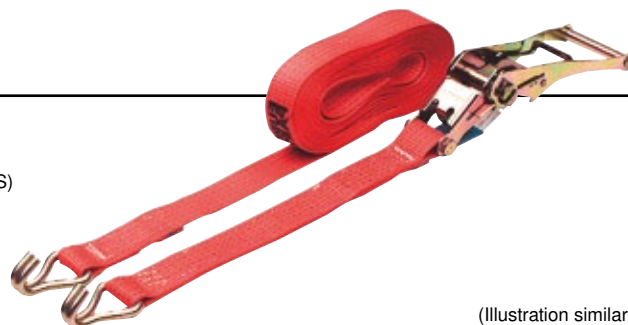
Ratchet strap

Version	with profile hook and push ratchet	Colour	red
Width	35 mm	Material	polyester (PES)
Fixed end	300 mm	Standard	EN 12195-2
Pre-tension force	100 daN		

permissible tensile force 1000 daN stretched, 2000 daN in the strapping

Scope of supply

2-piece



(Illustration similar)

Length	Loose end	Order no
4000 mm	3700 mm	7801 000 056
6000 mm	5700 mm	7801 000 600

Labelling of lashing straps

The label that is secured to every certified ratchet strap contains the following information:

1. Name of the manufacturer of the ratchet strap
2. Article identification number/tracing code
3. Designated use
4. SHF – Standard Hand Force is the hand force that may be applied to the lever of the ratchet. The standard value is 50 daN = 50 kg. Application of a higher force on the lever of the ratchet could damage it.
5. STF – Standard Tension Force (normally the preload force of the ratchet strap) is the force with which the load is pressed down onto the loading floor. Important when lashing down. The higher the preload force, the fewer load securing devices must be used.
6. LC – Lashing Capacity - the loadability of the strap. Important when direct lashing. If it is 2500 daN (2500 kg) in direct tension, this means that with the load secured by a simple tensile force, it may weigh a maximum of 2,5 t.
7. Designation of the material from which the ratchet strap is made (PES - resistant poly-ester).
8. LG – Length. LGL – length, that which was measured from the label of the ratchet strap (9.5 m), LGF – length, that which was measured from the ratchet of the ratchet strap (0.5 m)
9. Year of manufacture of the ratchet strap
10. Declaration of conformity according to the EU standard EN 12195-2, which ensures the high quality and safety in use of the ratchet strap



Our ratchet straps were tested by the TÜV Rheinland, the result was confirmed by the granted certification.



Tested in accordance with
EN 12195-2:200
EK5/AK6 18-01:2018
AfPS GS 2019:01 PAK

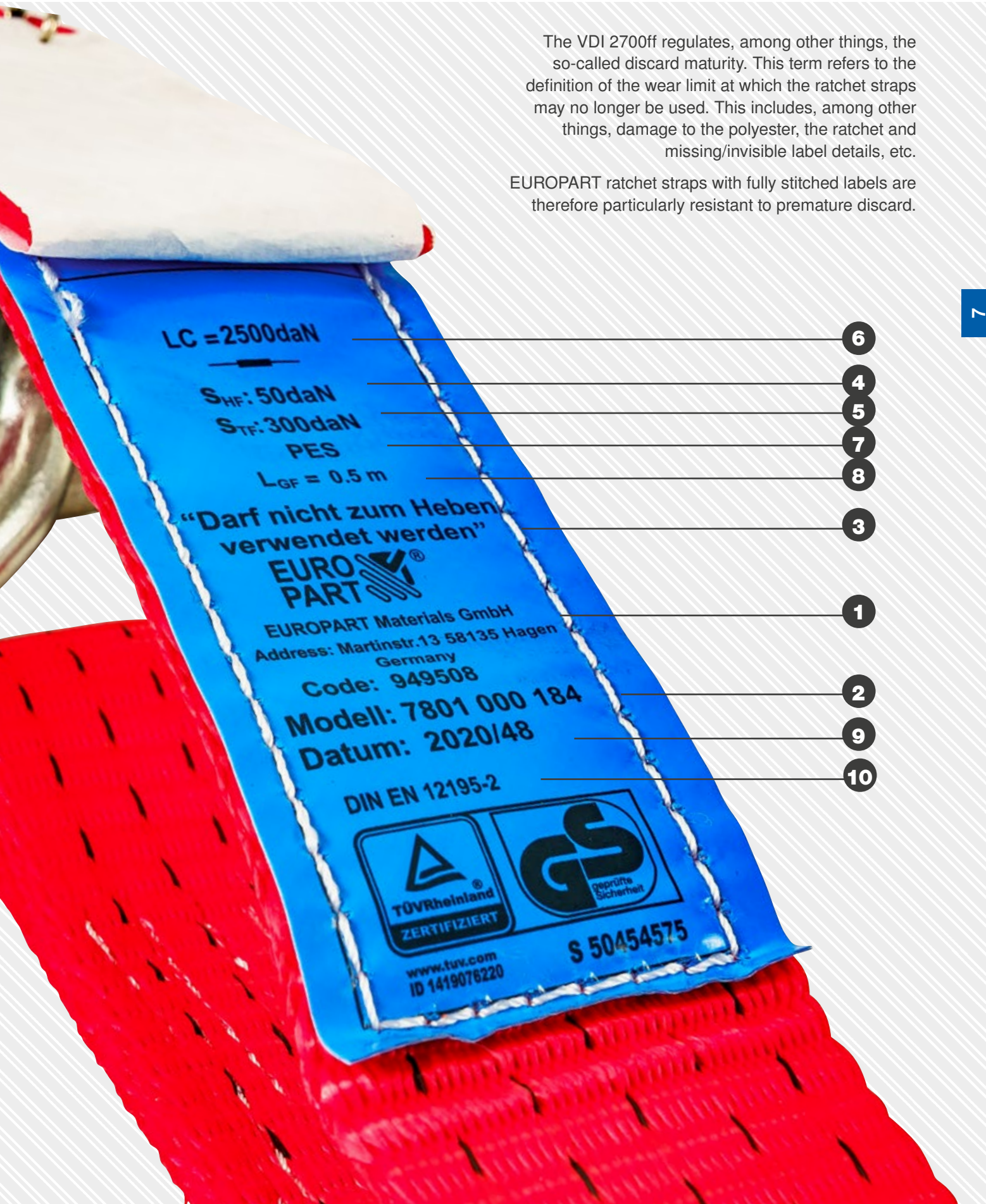


Look here
for the certificate



The VDI 2700ff regulates, among other things, the so-called discard maturity. This term refers to the definition of the wear limit at which the ratchet straps may no longer be used. This includes, among other things, damage to the polyester, the ratchet and missing/invisible label details, etc.

EUROPART ratchet straps with fully stitched labels are therefore particularly resistant to premature discard.





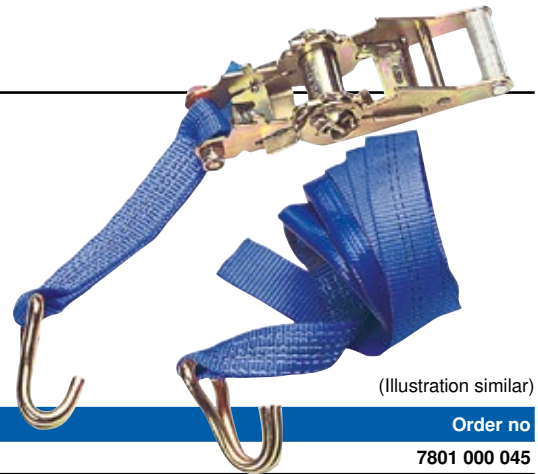
Ratchet strap

Version	with profile hook and push ratchet	Pre-tension force	150 daN
Length	2000 mm	Colour	blue
Width	35 mm	Material	polyester (PES)
Fixed end	200 mm	Standard	EN 12195-2
Loose end	1800 mm		

permitted tensile force 1500 daN stretched, 3000 daN in the strapping.

Application range
for car transportation

Scope of supply
2-piece



(Illustration similar)

Order no

7801 000 045



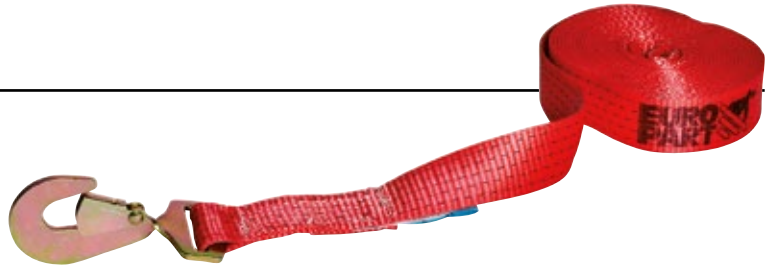
Loose end

Width	50 mm
Colour	red
Material	polyester (PES)
Standard	EN 12195-2

permissible tensile force 2500 daN stretched, 5000 daN in the strapping

Scope of supply
2-piece

with EUROPART logo



This figure corresponds to 9690 900 003

Version	Length	Order no
with snap hook	7500 mm	9690 900 003
with profile hook	9500 mm	¹ 9690 900 001
With profile hook	7500 mm	¹ 7801 000 002

¹ With fully stitched label



Ratchet strap

with fully stitched label

Version	with fixing rail fittings and push ratchet
Width	50 mm
Length	3500 mm
Fixed end	1200 mm
Loose end	2300 mm
Colour	red
Material	polyester (PES)
Standard	EN 12195-2

permissible tensile force 750 daN stretched, 1500 daN in the strapping.

Scope of supply
2-piece



(Illustration similar)

Length	Order no
3500 mm	7801 000 042



Ratchet strap
50 mm

Version with fixing rail fittings and push ratchet
 Length 5000 mm
 Fixed end 1200 mm
 Loose end 3800 mm
 Colour red
 Material Polyester (PES)

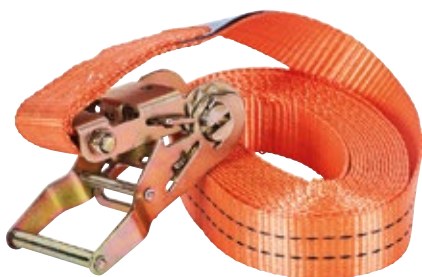


permitted tensile force 750 daN stretched, 1500 daN in the strapping

Scope of supply

2-piece

Length	Order no
5000 mm	9690 511 534



Ratchet strap

Version with push ratchet
 Width 35 mm
 Length 6000 mm
 Fixed end 6000 mm
 Colour red
 Material polyester (PES)
 Standard EN 12195-2

permitted tensile force 1000 daN stretched, 2000 daN in the strapping.

Scope of supply

1-piece

Order no
9690 000 128



Ratchet strap

Version with mini push ratchet
 Width 25 mm
 Fixed end 4000 mm
 Pre-tension force 40 daN
 Colour red
 Material polyester (PES)
 Standard EN 12195-2

permitted tensile force 400 daN in the strapping

Scope of supply

1-piece, without hook

Length	Order no
4000 mm	9534 878 120
6000 mm	9534 878 121



Ratchet strap

Version with mini press ratchet, light design
 Width 25 mm
 Length 4500 mm
 Fixed end 4500 mm
 Pre-tension force 40 daN
 Colour red
 Material polyester
 Standard EN 12195-2

permitted tensile force 400 daN in the strapping

Scope of supply

1-piece

Order no
9690 000 026



Ratchet strap

with fully stitched label

Version with fixing rail fittings and push ratchet
 Length 4200 mm
 Width 50 mm
 Fixed end 500 mm
 Loose end 3700 mm
 Colour black
 Material polyester (PES)
 Standard EN 12195-2

permissible tensile force 750 daN stretched, 1500 daN in strapping

Scope of supply

2-piece

(Illustration similar)

Order no
9690 000 313



Edge protection

resistant and flexible

Dimensions 150 x 200 x 170 mm
 Colour black
 Material polypropylene

K-factor is ≥ 1.78

Application range

for transporting paper rolls

TÜV-certified

Order no
9690 000 232



Edge protection

Dimensions 130 x 95 mm
 Band width 65 mm
 Colour black
 Material plastic

Version	Order no
with slot, open	9690 000 230
with slot, closed	9690 000 231



Non-slip mat

Length	Width	Thickness	Friction coefficient	Order no
150 mm	100 mm	3 mm	0.65 μ	2955 119 188
150 mm	200 mm	3 mm	0.65 μ	2955 119 183
200 mm	100 mm	8 mm		2955 119 055
200 mm	100 mm	10 mm		2955 119 092
200 mm	300 mm	8 mm		2955 119 148
250 mm	200 mm	8 mm		2955 119 186
300 mm	200 mm	10 mm		2955 119 109
470 mm	125 mm	8 mm	0.65 μ	2955 119 301
600 mm	150 mm	3 mm	0.65 μ	2955 119 043
600 mm	200 mm	10 mm		2955 119 147

Length	Width	Thickness	Friction coefficient	Order no
2000 mm	120 mm	3 mm	0.65 μ	2955 119 855
5000 mm	125 mm	8 mm		2955 119 299
5000 mm	150 mm	8 mm		2955 119 021
5000 mm	250 mm	6 mm		2955 119 250
5000 mm	250 mm	8 mm		2955 119 300
10000 mm	250 mm	3 mm	0.65 μ	2955 119 251
10000 mm	250 mm	8 mm		2955 119 245
20000 mm	150 mm	3 mm	0.65 μ	2955 119 192
10000 mm	125 mm	8 mm		2955 119 700



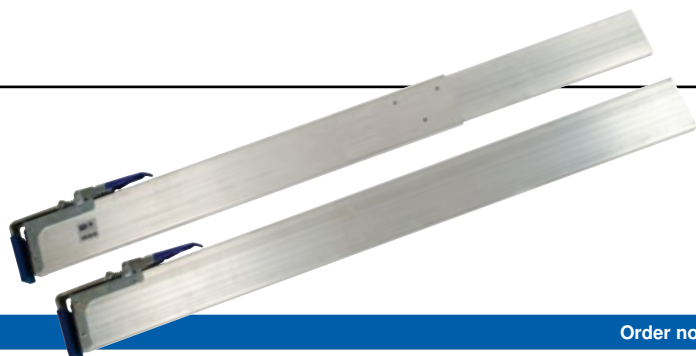
Intermediate panel lock to secure loads

for insertion and clamping on the gate or on the tarpaulin frame

Version completely assembled Length range 2400-2700 mm
 Locking force 400 daN Surface blue anodized

Scope of supply

with extendable aluminium plate and 2 locks



Order no
9690 000 034



Clamping bar toothed rack

comprising spring system, rubber bases and aluminium pipe

Pipe \varnothing 42 mm

not suitable in case of deep freeze

Locking force	Length range	Order no
140 daN	2100-2470 mm	9690 000 089
150 daN	2350-2720 mm	9690 000 090

Accessories

Description	Order no
Housing	9690 002 208



Telescopic tube Locking barrier

Length range 2260-2720 mm

Peg- \varnothing 19 mm

Material aluminium

Order no

9690 001 221



Load beam for combination stay/lashing rail

steel end pieces on both sides

Locking force 1000 daN

Length range 2303-2582 mm

Pipe \varnothing 83 x 66 mm

Material aluminium

Order no

9690 000 215



Combination stay/lashing rail 3009

Length 3050 mm

Width 131 mm

Height 12 mm

Material steel

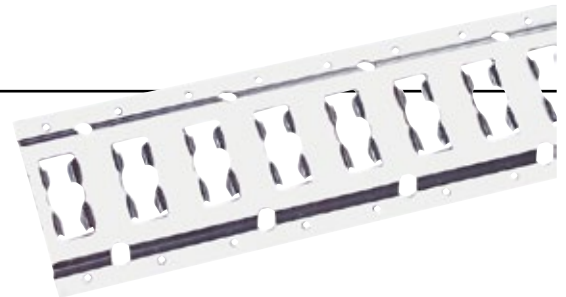
Surface galvanised

Application range

for medium-weight goods

Order no

9690 000 203



Lashing ring without weld-in pocket

Load capacity 2000 daN

Width 100 mm

Height 110 mm

Surface untreated

Application range

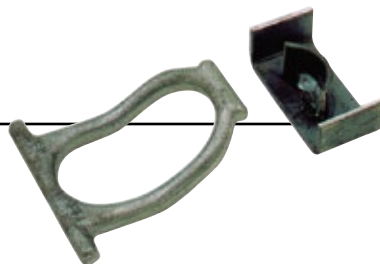
for platform vehicles

Order no

9081 315 610

Accessories

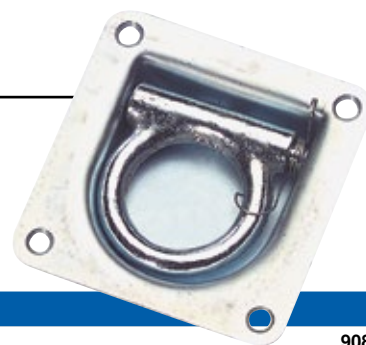
Description	Order no
Lashing point with 2 holes, suitable for lashing ring, 800 daN	9081 316 640





Lash tray with plate

Suitable for	M10 bolts	Depth	23 mm
Load capacity	800 daN	Distance betw. holes	85 mm
Length	105 mm	Surface	galvanised
Width	105 mm		



Order no
9081 315 621

7

Vehicle equipment



Round loop

made of continuous polyester fibre, with 7X safety, safe verifying facility through colour-coding of the lifting capacity, single casing

Standard DIN-EN 1492-2



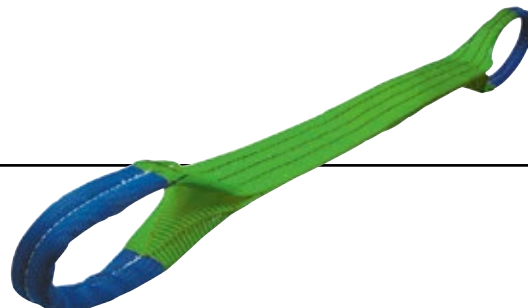
Version	Colour	Useful length	Scope	Order no
Lifting capacity, stretched draw 1000 kg, in U-shape 2000 kg	violet	1 m	2 m	9534 878 200
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	1 m	2 m	9534 878 216
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	2 m	4 m	9534 878 224
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	4 m	8 m	9534 878 236
Lifting capacity, stretched draw 3,000 kg, in U-shape 6,000 kg	yellow	2 m	4 m	9534 878 244
Lifting capacity, stretched draw 3,000 kg, in U-shape 6,000 kg	yellow	3 m	6 m	9534 878 252
Lifting capacity, straight draw 4000 kg, in U-shape 8000 kg	grey	4 m	8 m	9534 878 264



Lifting belt

two-layer sewn polyester band, dimensionally stabilised and impregnated, with 7X safety, colour-coding of the lifting safety, with 2 stitched, half-strengthened loops, better handling thanks to longer and tapered loops

Standard DIN-EN 1492-1



Version	Colour	Length	Band width	Loop length	Order no
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	2 m	60 mm	300 mm	9534 878 324
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	4 m	60 mm	300 mm	9534 878 332
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	5 m	60 mm	300 mm	9534 878 336
Lifting capacity, stretched draw 2000 kg, in U-shape 4000 kg	green	6 m	60 mm	300 mm	9534 878 340
Lifting capacity, stretched draw 3,000 kg, in U-shape 6,000 kg	yellow	4 m	90 mm	350 mm	9534 878 346

SNOW CHAINS

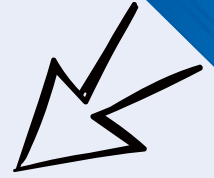
- Production according to the current version DIN ISO 9001, certified and continuously monitored by TÜV NORD.
- Meet the requirements of ÖNORM V 5119 for trucks, trailers and buses
- Chain links are made of a specially alloyed and heat-treated, high-quality steel (carburised)
- The very stable "D-profile" of the chain links ensures a secure grip on snow and ice.
- 3 replacement chain links are included in the scope of delivery
- Quick and clean assembly due to gloves included in delivery
- Detailed and easy to understand assembly instructions
- Robust storage and transport bag in a durable fabric design
- For universal use

In some countries such as Bulgaria, Norway, Austria, Serbia, Slovenia, Hungary, etc., it is a legal requirement to have snow chains on board at certain times of the year.

ÖNORM V 5119:2008 05 01

In Austria, only snow chains that comply with ÖNORM V 5117 (vehicles of classes M1, N1, O1, O2) or ÖNORM V 5119 (vehicles of classes N2, N3, M2, M3, O3, O4) or an equivalent product from other EU member states may be used – this also applies to older products (§ 4 para. 7 KDV).





TRANSPORT COMPANY GARTNER

www.gartnerkg.com/

MR. SCHWARZBAUER: AUTHORISED SIGNATORY, WORKSHOP MANAGER
MR. ARNEZEDER: WAREHOUSE MANAGER, PURCHASING

THE GARTNER GROUP IS NOW REPRESENTED AT 19 LOCATIONS IN 8 COUNTRIES WITHIN EUROPE AND EMPLOYS A TOTAL OF 4,160 PEOPLE.

"As one of the leading European transport companies, with 19 locations and 2,000 tractor units in operation, we have high standards for ourselves, our partners and their products.

Today, we are proud to have developed into one of the most successful transport companies in Austria. Every single employee is important for the success of our company, because we can only achieve more if we work together!

Austria has an incredible topographical diversity. From flat landscapes in the east of the country to high alpine regions in the west.

Especially in the alpine regions, demanding weather conditions present us with special challenges in transport. Cold, snow and steep roads are part of our everyday life.

We consciously rely on the product brand "EUROPART Premium Parts" and feel, for example when using snow chains, that we are well provided for and, above all, safe.

The snow chains of the EUROPART own brand are certified and meet the high demands of ÖNorm V 5119. A compromise is out of the question for us."



left to right: Georg, Julia and Christian Gartner





Set of snow chains

strong and reliable, homologated in accordance with Norm ON V5119, rhombic tread design, made from special alloy steel, with D-tread links for secure hold on snow and ice, high-grade heat treatment – carburizing, clear usage instructions and enclosed gloves enable quick and clean mounting

Scope of supply

1 pair in bag, 1 pair of gloves, 3 spare links, 3 lateral hooks, instructions for use

Tested to Austrian standards

Model	Tyre size	Material thickness	Order no
A-22-5.5	31X11.50-15, 33X10.50-15, 7-19.5, 7.50-16, 8.5-17.5, 9.5-16, 9.5-18, 9.50-16.5, 225/75-17.5, 235/85-16, 255/50-20, 255/55-19, 255/60-18, 255/85-16, 265/50-19, 265/60-18, 265/65-17, 275/45-20, 275/60-17, 265/70-16, 280/70-16, 285/45-19, 295/35-21	5,5 mm	9353 000 039
A-30-5.5	225/70-19.5, 235/75-17.5, 245/70-17.5 BRID M, 245/75-17.5, 255/75-17, 285/60-17, 6.50-20, 7.00-18, 7.00-20, 7.50-18, 8-19.5, 8.25-15, 8.25-16, 9.5-17.5	5,5 mm	9353 000 040
A-34-5.5	8.25-17, 9-19.5, 9.5-19.5, 225/90-20, 7.50-20, 8.00-20, 225/70-22.5, 245/75-22.5, 8-22.5, 280/70-20, 260/70-20, 315/75-16, 265/70-19.5, 295/75-16, 35 x 11.50-16	5,5 mm	9353 000 041
A-395-7	375/70-20, 385/55-22.5, 400/55-22.5, 425/55-19.5, 435/50-19.5, 435/55-19.5	7 mm	9353 000 046
A-st-205-4,5	205-16, 205/75-16, 215-15, 215/75-16, 215/80-15, 225/65-16, 225/70-15, 225/75-15, 235/55-17, 235/60-16, 255/60-15, 6.50-16, 7.00-15, 7-17.5, 205/65-17.5, 205/80-16, 215/55-18, 215/60-17, 215/70-16, 215/80-18, 225/35-18, 225/40-18, 225/45-18, 225/50-18, 225/55-17.5, 225/55-18, 225/60-17, 225/70-16, 225/70-18, 225/80-14, 235/35-18, 235/40-18, 235/45-18, 235/50-18, 235/50-18M+S, 235/70-14, 235/70-15, 245/35-18, 245/40-18, 245/45-18, 245/55-16, 245/60-15, 255/45-18, 255/60-14, 265/60-14, 27X10-15, HR78	4,5 mm	9353 000 038
A-st-355-7	265/70-22.5, 285/60-22.5, 295/60-22.5, 305/70-19.5, 315/70-17, 340/65-18, 355/60-18, 35X12.5-17	7 mm	9353 000 050
A-st-37-7	10-22.5, 11/70-22.5, 275/70-22.5, 285/70-22.5, 295/70-22.5, 305/60-22.5, 315/60-22.5, 9.00-20, 9.00-24, 9.5-24, C22.5 Pilote, D22.5 Pilote	7 mm	9353 000 049
A-st-381-7	11.2-24, 12.00-22.5, 12-22.5, 12.4-20, 12.5-20, 12/80-22.5, 13.6-16, 13/75-22.5, 13/80-20, 280/85-24, 295/80-22.5, 335/80-20, 340/75-20, E20 Pilote	7 mm	9353 000 052
A-st-38-7	10.00-20, 11-22.5, 12/70-22.5, 12/80-20, 275/80-22.5, 295/75-22.5, 300/70-24, 305/70-22.5, 315/70-22.5, D20 Pilote	7 mm	9353 000 048
A-st-39-7	11.00-20, 305/75-24.5, 305/85-22.5, 315/75-22.5, 315/75-24.5, 315/80-22.5, E22.5 Pilote	7 mm	9353 000 051
A-st-41-7	350/75-22.5, 365/80-20, 370/75-20, 375/75-20, 385/65-22.5, F20 Pilote	7 mm	9353 000 060

Accessories

Description

Spare bag for snow chains, 50 X 70 cm



Order no

9353 000 014



Thermal paper

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

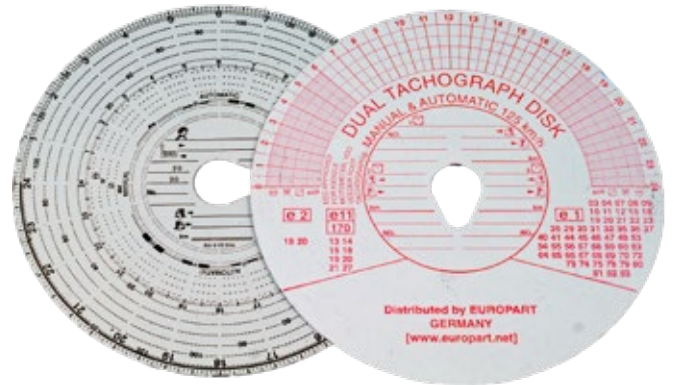
Packaging unit 3

Application range

for digital tachographs (EC control units)

Order no

9689 030 203



Tachograph card

for insertion in all standard and automatic tachographs

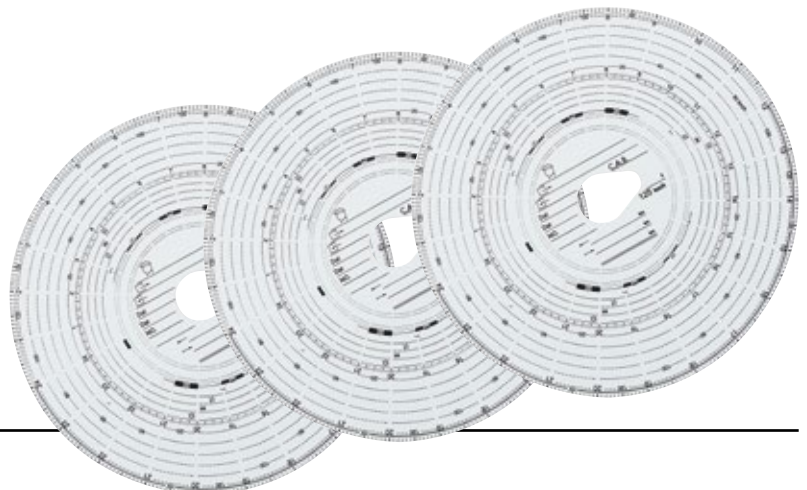
Type	Version	Order no
K 125	with speed range 125 km/h	9688 161 251
K 140	with speed range 140 km/h	9688 161 253
K 3300	with engine speed recording to max. 3300 rpm and vehicle speed range 125 km/h	9688 161 250



Tachograph card

for insertion in all automatic tachographs

for electronic evaluation



Type	Version	Order no
E 100	vehicle 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	vehicle speed range 125 km/h	9688 161 259
E 180	vehicle 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

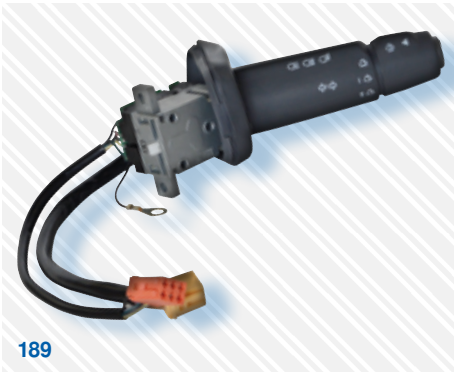




177



198



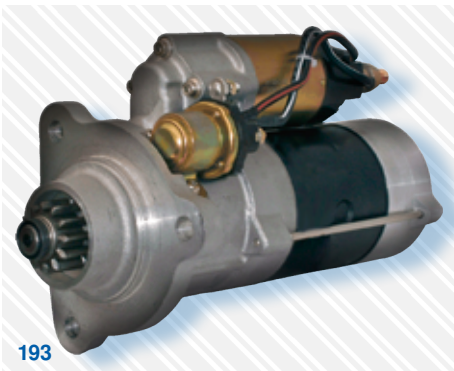
189



183



206



193



204



214



220



186



181



210



216

Lighting and electrics

Lighting	174–187
Indicator switch	188–189
Starters and generators	190–197
Batteries	198–203
Jumper cables	204
Lamps	205–208
Plugs and sockets	209–211
Electric coil and adapter cable	212–215
Lines	216–219
Heat shrink tubing, connectors, fuses	220–225

WORKING FLOODLIGHTS

- Production certified in compliance with the latest version of standard DIN ISO 9001, and continuously monitored by independent institutions
- Certified electromagnetic compatibility (EMC)
- Meet European regulation 765/2008 and is therefore CE labelled
- Optimum utilisation of lumens for homogeneous illumination of the working area
- High-quality, shock- and vibration-resistant housing in a universally applicable, compact design
- Diffusing lens made of impact- and scratch-resistant plastic
- Completely waterproof and dustproof according to international standard IP68/IP69K (DIN EN 60529)
- Salt- and frost-resistant according to ASTM B117
- Highly efficient LEDs with a light colour temperature of approx. 6,000 K
- High temperature resistance of the electronic components
- Multi-voltage function suitable for 12-volt as well as 24-volt systems
- Polarity reversal protection
- Easy installation thanks to the mounting kit supplied, incl. connection cable
- Very wide range of applications
- High-quality product labelling

Working floodlights used as reversing lights must comply with an additional homologation according to ECE-R23. The main differences are expressed in the luminous intensity, the colour of the light and the angle of inclination of the LEDs.



LED working floodlight Mini, with 4 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Voltage	9-30 V
Lighting power	468/1080 lm
Power consumption	12 W
Width	72 mm
Height	65 (81) mm
Depth	40,5 mm
Cable length	300 mm
Protection class	IP67

Approved for electromagnetic compatibility (EMC)



Order no

7001 000 012



LED working floodlight with 9 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

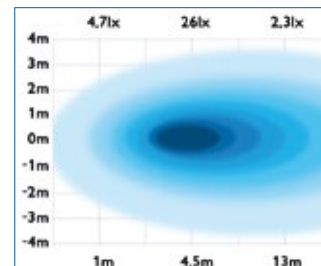
Version	near-field illumination
Voltage	12-55 V
Lighting power	1685/1300 lm
Power consumption	13,5 W
Width	100 mm
Height	100 mm
Depth	74 mm
Type	surface mounting
Protection class	IP68

Scope of supply

mounting kit incl. 1500 mm connection cable

Approved for electromagnetic compatibility (EMC)

Approved for vehicles in accordance with ADR



Order no

5129 000 000

8



LED working floodlight with 6 LEDs

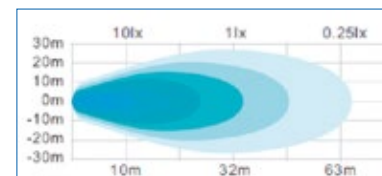
with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	near-field illumination
Voltage	10-30 V
Lighting power	1020/600 lm
Power consumption	9 W
∅	107 mm
Depth	41,5 mm
Type	surface mounting
Protection class	IP69K

Scope of supply

mounting kit incl. 500 mm connection cable

Approved for electromagnetic compatibility (EMC)



Order no

7001 000 003



LED working floodlight with 9 LEDs

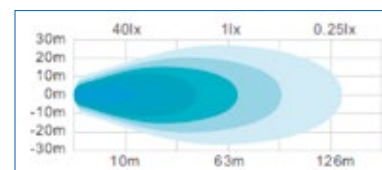
with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination
Voltage	10-30 V
Lighting power	1530/1250 lm
Power consumption	15 W
∅	107 mm
Depth	41,5 mm
Type	surface mounting
Protection class	IP69K

Scope of supply

mounting kit incl. 500 mm connection cable

Approved for electromagnetic compatibility (EMC)



Order no

7001 000 006



SCHWERTRANSPORTE JOSEF ESSER E.K.

www.schwertransporte-esser.de



OWNER: JOSEF ESSER
GUT KLÖSTERCHEN
52146 WÜRSELEN



For over 50 years, we have been specialising in the field of national and international heavy haulage under the motto "Anyone can do simple things". Our 10 special-purpose vehicles for heavy transport move up to 90 tonnes.

As a specialist, we work for and with specialists. We opted for EUROPART as our supplier for precisely this reason.

In the field of heavy transports, we usually move our objects while others are sleeping. Lighting is therefore an essential product for us.

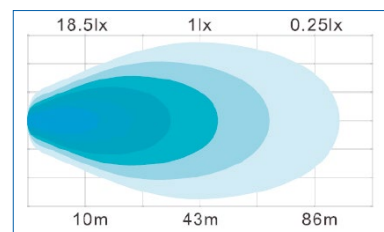
A reduction in the quality of universal lighting would have huge consequences – this is an absolute no-go. That's why we have been relying on the "EUROPART Premium Parts" brand for years.



LED working floodlight with 5 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination	Width	145 mm
		Height	98 mm
Voltage	10-30 V	Depth	79 mm
Lighting power	4500/2290 lm	Type	surface mounting
Power consumption	50 W	Protection class	IP69K



Scope of supply
mounting kit incl. 500 mm connection cable

Approved for electromagnetic compatibility (EMC)

Order no

7001 000 005

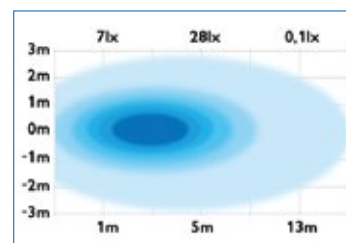


LED reversing light with 9 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Voltage	12-36 V
Width	100 mm
Height	100 mm
Depth	74 mm
Overall height	140 mm
Fastening	size M8
Type	surface-mounting
Protection class	IP68

Approved for electromagnetic compatibility (EMC)



Order no

5129 000 009

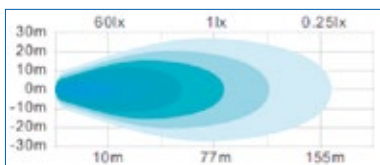


LED working floodlight with 16 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination	Width	108 mm
		Height	108 mm
Voltage	10-30 V	Depth	48 mm
Lighting power	2720/2200 lm	Type	surface mounting
Power consumption	25 W	Protection class	IP69K

Scope of supply
mounting kit incl. 1000 mm
connection cable



Approved for electromagnetic compatibility (EMC)

Order no

7001 000 004

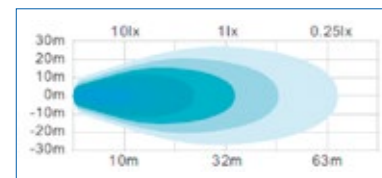


LED working floodlight with 5 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	near-field illumination	Width	100 mm
		Height	100 mm
Voltage	10-30 V	Depth	40 mm
Lighting power	850/600 lm	Type	surface mounting
Power consumption	9 W	Protection class	IP69K

Scope of supply
mounting kit incl. 500 mm
connection cable



Approved for electromagnetic compatibility (EMC)

Order no

7001 000 002

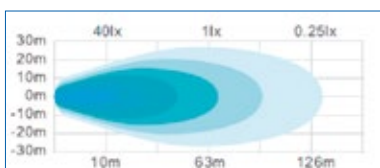


LED working floodlight with 9 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination	Width	100 mm
		Height	100 mm
Voltage	10-30 V	Depth	40 mm
Lighting power	1530/1210 lm	Type	surface mounting
Power consumption	15 W	Protection class	IP69K

Scope of supply
mounting kit incl. 500 mm
connection cable



Approved for electromagnetic compatibility (EMC)

Order no

7001 000 008

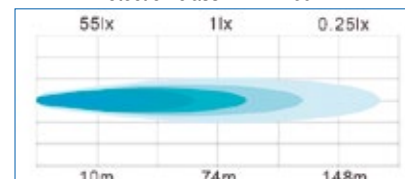


LED working floodlight with 6 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination	Width	160 mm
		Height	46 mm
Voltage	10-30 V	Depth	58 mm
Lighting power	1140/1061 lm	Type	surface mounting
Power consumption	18 W	Protection class	IP69K

Scope of supply
mounting kit incl. 500 mm
connection cable



Approved for electromagnetic compatibility (EMC)

Order no

7001 000 007

EMC in automotive engineering

Electromagnetic compatibility (EMC) refers to the ability of a technical device not to interfere unintentionally with other devices in an electromagnetic environment or to be interfered with by other devices.

A well-known example of electromagnetic interference from the past e.g. was the annoying noise on the radio when a mobile phone was being used in the immediate vicinity.

Electrical devices can emit electromagnetic interference (conducted or as electromagnetic waves) which is picked up by other devices, assemblies or equipment and thus

affects their function. This can lead to malfunction or, in the worst case, total failure.

For this reason, UN/ECE Regulation R10 legally regulates the testing of electrical equipment for legal use in vehicles in order to exclude malfunctions, unsafe operating conditions or even accidents caused by electromagnetic influences on the on-board electronics (e.g. ABS, airbag, navigation device, radio, etc.).

The regulation applies above all to components with active electronic parts.

Active electronic components	Passive electronic components
Diodes	Resistors
Transistors	Capacitors
Integrated circuits (ICs)	Spark plugs
Rectifiers	Cable
Light emitting diodes (LEDs)	Passive antennas

Examples of active and passive electronic components

We comply with the legal obligation of a type approval according to UN/ECE R10, our EUROPART Premium Parts products - such as our working floodlights, reversing lights, LED flashing beacons, LED warning beacons, LED rear lights – are thus **tested and approved**.

Products that have a type approval according to regulation R10 are marked according to the directive.

Example of marking:



10R = UN Regulation No. 10
04 1015 = Approval number (04 series of amendments)
E 9 = Country in which the homologation test was carried out; 9 = Spain

The so-called ECE regulations (ECE stands for "Economic Commission for Europe") are internationally agreed regulations for vehicle parts and vehicles. Standards and test regulations were jointly developed, defined and mutually recognised. Vehicle parts and

vehicles that are subject to these regulations can therefore be legally operated in all other countries that recognise these regulations. The recognition of these regulations goes far beyond the EU.



LED working floodlight with 16 LEDs and reversing light approval

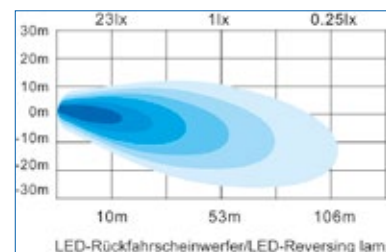
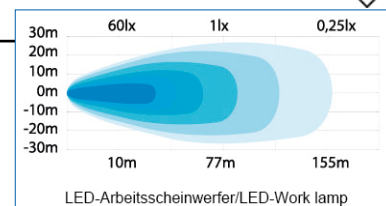
with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	wide-reaching/close-range illumination
Voltage	12-32 V
Lighting power	3040/2200 lm
Power consumption	25 W
Width	110 mm
Height	110/139 mm
Depth	46,5 mm
Type	Surface-mounting
Protection class	IP69K

ECE-R23 approval

Approved for electromagnetic compatibility (EMC)

Approved for vehicles in accordance with ADR



Order no

7001 000 010



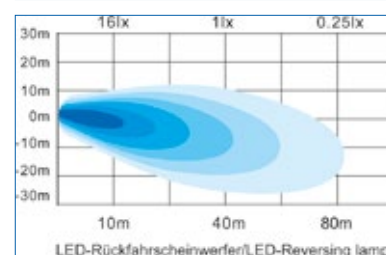
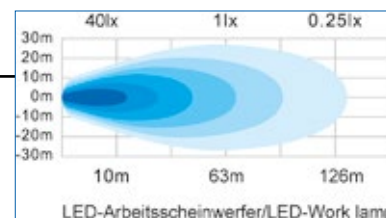
LED working floodlight with 9 LEDs and reversing light approval

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	wide-reaching/close-range illumination
Voltage	12-32 V
Lighting power	1710/1210 lm
Power consumption	15 W
Width	101 mm
Height	101/131 mm
Depth	37 mm
Type	Surface-mounting
Protection class	IP69K

ECE-R23 approval

Approved for electromagnetic compatibility (EMC)



Order no

7001 000 011



LED working floodlight With 6 LEDs, portable

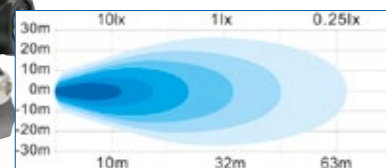
with switch and handle, re-chargeable through cigarette lighter socket

Version	near-field illumination
Fastening	magnetic base
Voltage	12/24 V
Lighting power	1200/720 lm
Power consumption	18 W
Width	165 mm
Height	72/161 mm
Depth	75 mm
Protection class	IP67/69K

Scope of supply

with 1.2 charging cable 12/24 V

Approved for electromagnetic compatibility (EMC)

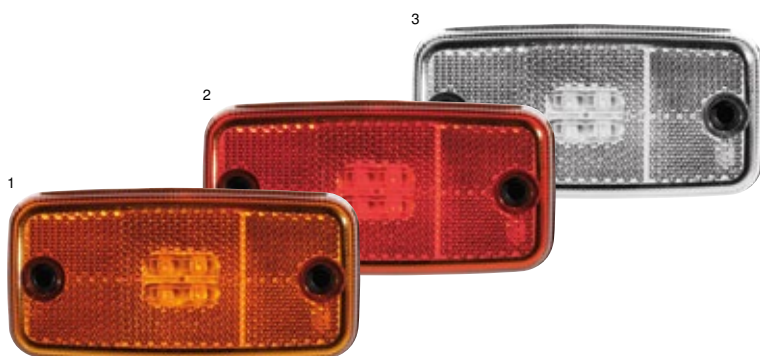


Order no

7001 000 009

SIDE MARKER AND CLEARANCE LIGHTS

- Production certified in compliance with the latest version of standard DIN ISO 9001, and continuously monitored by independent institutions
- Meet European regulation UN/ECE R3 and R7
- High-efficiency LEDs with very low energy consumption
- Multi-voltage function suitable for 12-volt as well as 24-volt systems
- EMC certified = electromagnetic compatibility
- High safety in operation due to use of high-quality materials such as EPDM (rubber) and ABS/PC (plastics)
- High-quality shock and vibration proof casings in universally adaptable compact designs
- High resistance to heat and cold (min. -40 °C to +55 °C)
- Resistant to oil, chemicals and environmental influences
- Available in different sizes and colours
- High-quality product labelling



LED marker light

Version	with reflector light
Voltage	12-36 V DC
Cable length	500 mm
Fastening	2 x Ø 5,5 mm
Distance betw. holes	84 mm
Width x height x depth	110 x 54 x 16 mm

Approved for electromagnetic compatibility (EMC)

Description	Colour	Fig.	Order no
LED side marker light	yellow	1	5129 000 001
LED position light	red	2	5129 000 002
LED end-outline marker lamp	clear	3	5129 000 003



LED side marker light

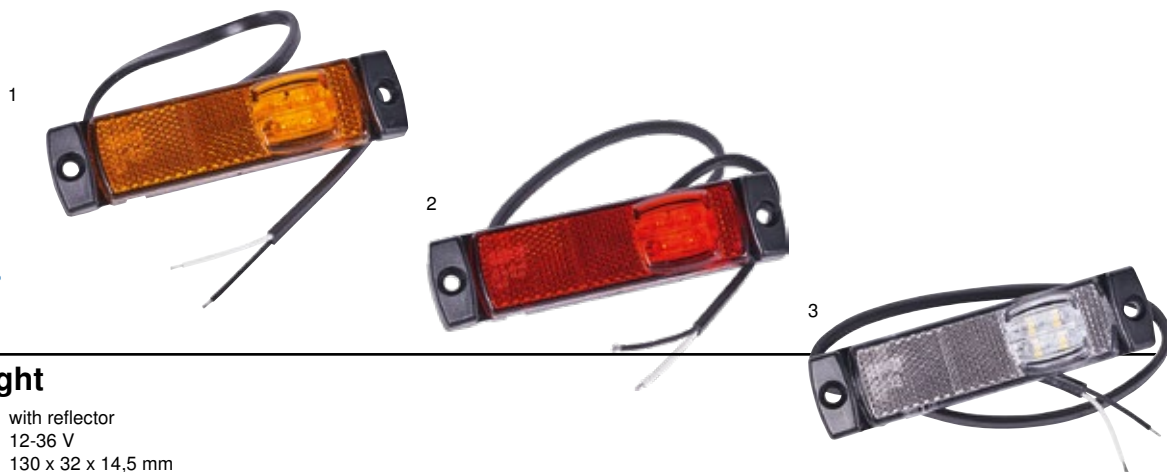
with bracket

Version	with reflector light
Voltage	12-36 V DC
Cable length	500 mm
Fastening	2 x Ø 5,5 mm
Distance betw. holes	84 mm
Width	110 mm
Height	54/75 mm
Depth	16/29 mm
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Order no

5129 000 004

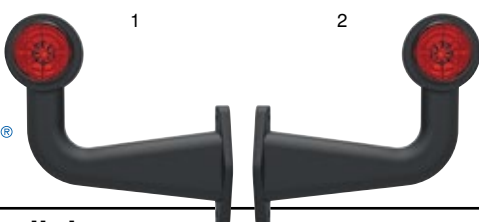


LED marker light

Version	with reflector
Voltage	12-36 V
Width x height x depth	130 x 32 x 14,5 mm
Cable length	500 mm
Fastening	2 x Ø 5 mm
Distance betw. holes	116 mm

Approved for electromagnetic compatibility (EMC)

Description	Colour	Fig.	Order no
LED side marker light	yellow	1	5129 000 019
LED position light	red	2	5129 000 020
LED end-outline marker lamp	clear	3	5129 000 021



LED clearance light

Version	with position/tail light	Depth	45 mm
Voltage	12-36 V DC	Cable length	300 mm
Width	175 mm	Colour	red/clear
Height	135 mm		

Approved for electromagnetic compatibility (EMC)

Installation side	Fig.	Order no
left	1	5129 000 005
right	2	5129 000 006



LED clearance light

Version	with position/tail light	Depth	45 mm
Voltage	12-36 V DC	Cable length	300 mm
Width	195 mm	Colour	red/clear
Height	145 mm		

Approved for electromagnetic compatibility (EMC)

Installation side	Fig.	Order no
left	1	5129 000 007
right	2	5129 000 008



LED clearance light

Version	with positioning, tail and side marker light, with long rubber arm	Depth	52 mm
Voltage	12/24 V	Cable length	500 mm
Width	190 mm	Cable cross-section	2 x 0,75 mm ²
Height	138 mm	Colour	red/clear/yellow

Installation side	Fig.	Order no
left	1	5129 000 040
right	2	5129 000 041



LED clearance light

Version	with positioning, tail and side marker light, with short rubber arm	Depth	52 mm
Voltage	12/24 V	Cable length	500 mm
Width	96 mm	Cable cross-section	2 x 0,75 mm ²
Height	52 mm	Colour	red/clear/yellow

Installation side	Fig.	Order no
left	1	5129 000 038
right	2	5129 000 039

LED ROTATING BEACONS

- Production certified in compliance with the latest version of standard DIN ISO 9001, and continuously monitored by independent institutions
- Comply with European homologations E9/ECE R65/TA1
- "Double Flash" versions in a universally applicable compact design
- Up to 20 highly efficient OSRAM® LEDs for optimum signal strength
- Very low power consumption of only 10 W on average (max. 25 W), with a perfect light colour temperature
- Multi-voltage function suitable for 12-volt as well as 24-volt systems
- Operating temperature from -40 °C to +55 °C
- Waterproof and dustproof, according to international standard IP67
- EMC certified = electromagnetic compatibility
- Optimum light diffusion for homogeneous illumination of the application area
- Diffusing lens made of impact- and scratch-resistant plastic
- High-quality shock- and vibration-resistant plastic housing
- High temperature resistance of electronic components due to highly effective integrated heat sinks
- Easy installation thanks to an integrated magnetic mount or a very sturdy pipe socket attachment
- Available with a 3 m spiral cable incl. plug for the on-board power socket or a 1.5 m endless cable
- Polarity reversal protection
- Ideally suited for continuous use
- High-quality product labelling

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Lighting and electrics



Adrian Preisinger
Own-brand representative

„Ideal for continuous use!“

Our rotating beacons are particularly robust and temperature-resistant – perfect for everyday use. The lights are also easy to install thanks to an integrated magnetic holder or a stable pipe socket attachment – that's what convinced me.

We will also find the right Premium Part for you – simply get in touch with us!“



LED flashing beacon with 9 LEDs and shock-proof lens

Version with double flash function and reverse polarity protection
 Voltage 12/24 V
 Protection class IP68
 Colour yellow

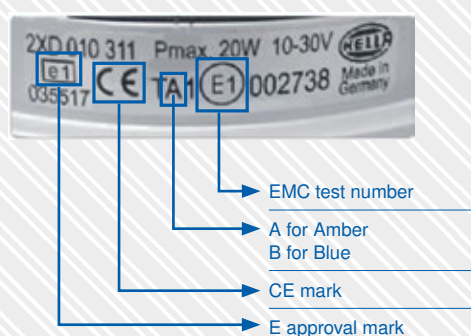
Approved for electromagnetic compatibility (ECE-R65/EMC)

Fastening	Ø x height	Cable length	Fig.	Order no
fixed mounting	145 x 126 mm	1500 mm	1	5129 000 014
with magnet	145 x 126 mm	3000 mm	2	5129 000 015
flexible pipe nozzle, Ø 24 mm	145 x 204 mm		3	5129 000 016

Which rotating beacons are approved for road traffic? – ECE Regulation 65 –

A rotating beacon must only be used on public roads if it complies with ECE Regulation 65. ECE Regulation 65 is the European directive for warning lights. It specifies the light values to be achieved, light distribution, mounting requirements, etc.

The large E approval mark (E1 in this case) indicates whether the rotating beacon complies with the ECE Regulation and has thus been approved.



Mounting in accordance with ECE-R65

The warning light shall be designed such that no maladjustment is possible after it has been mounted correctly on the vehicle (ECE-R65 5.2).

Light values in accordance with ECE-R65

The light values to be achieved are specified with the help of the effective light intensity. An amber rotating beacon must, for example, achieve a light intensity of 70 cd (candela) at night, at a vertical angle of +8°. A blue rotating light, on the other hand, must achieve 25 cd at night, at a vertical angle of +4°.

Each in cd (candela)	Blue	Amber	Red
0°	50	100	50
4°	25	-	25
8°	-	70	-



LED flashing beacon with 20 LEDs and shock-proof lens

Version with double flash function and reverse polarity protection
 Voltage 12/24 V

Protection class IP68
 Colour yellow

Approved for electromagnetic compatibility (ECE-R65/EMC)

Fastening	∅ x height	Cable length	Fig.	Order no
permanent surface mounting	165 x 78 mm	1500 mm	1	5129 000 011
with magnet	165 x 78 mm	3000 mm	2	5129 000 012
flexible pipe nozzle, ∅ 24 mm	165 x 160 mm		3	5129 000 013

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Lighting and electrics



LED flashing beacon Slim

with 10 different flashing patterns to choose from

Voltage	12/24 V	∅ x height	112 x 48 mm
Power	26 W	Cable length	500 mm
Fastening	fixed surface-mounting	Protection class	IP67
		Colour	yellow

ECE-R65/EMV approval
 Approved for vehicles in accordance with ADR



Order no

7001 090 005



LED flashing warning light with 6 LEDs

20 different flash patterns, 2 or more units synchronizable

Voltage	12/24 V	Depth	9,2 mm
Power	18 W	Cable length	2000 mm
Width	113 mm	Colour	yellow
Height	29 mm	Protection class	IP66/IP68

ECE-R65/EMV approval
 Approved for vehicles in accordance with ADR

Order no

7001 090 003



LED flashing warning light with 3 LEDs

12 different flash patterns, 2 or more units synchronizable

Voltage	12/24 V	Depth	10 mm
Power	9 W	Cable length	2000 mm
Width	75,5 mm	Colour	yellow
Height	28,1 mm	Protection class	IP68

ECE-R65/EMV approval
 Approved for vehicles in accordance with ADR

Order no

7001 090 004

IP protection classes – Certainty in purchasing



How well is a product protected against atmospheric influences? Worklights are exposed to dust and water, for example. The IP degree of protection tells you how resistant the product is. The classes are determined in accordance with DIN 40 050 Part 9. Worklights are designed for different levels of protection:

Degree of protection IP 5K4K

Dust must only penetrate in such a quantity that does not impair function or safety. Water, which splashes onto the housing from any direction at high pressure, must not have any damaging impact; water pressure approx. 4 bar.

Degree of protection IP 5K9K

Dust must only penetrate in such a quantity that does not impair function or safety. Water, which is directed against the housing for high-pressure/steam cleaning, must not have any damaging impact; water pressure approx. 100 bar.

Degree of protection IP 6K4K

Ingress of dust is not permitted. Water, which splashes onto the housing from any direction at high pressure, must not have any damaging impact; water pressure approx. 4 bar.

Degree of protection IP 67

Ingress of dust is not permitted. Ingress of water is not permitted even through temporary submersion.

Degree of protection IP 6K8

Ingress of dust is not permitted. Protection against permanent submersion.

Degree of protection IP 6K9K

Ingress of dust is not permitted. Water, which is directed against the housing for high-pressure/steam cleaning, must not have any damaging impact; water pressure approx. 100 bar.

General overview

K = indicates tests for equipment of road vehicles

protection against the penetration of foreign objects (including dust)

First number

0	no special protection
1	solid object dia. \geq 50 mm
2	solid object dia. \geq 12.5 mm
3	solid object dia. \geq 2.5 mm
4	solid object dia. \geq 1.0 mm
5K as 5	dust protected
6K as 6	dust-tight

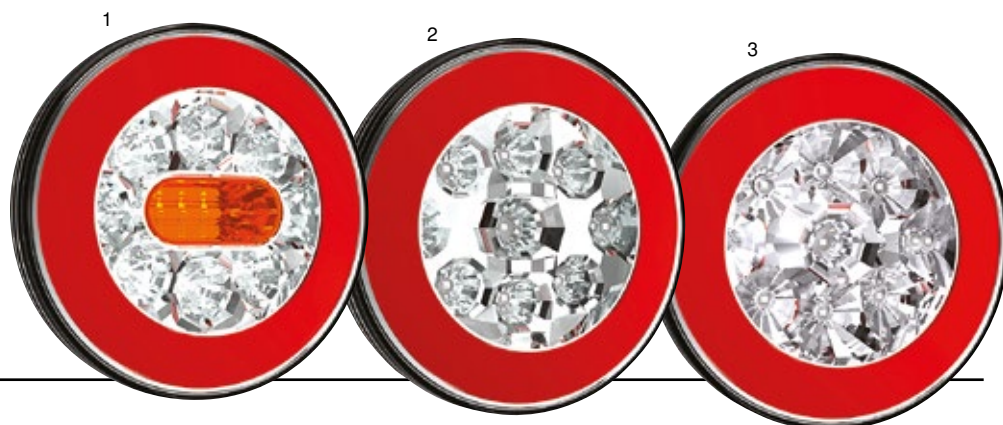
protection against the penetration of water

Second number

0	no special protection	4K	as 4, but with increased pressure
1	water droplets falling vertically	5	water jet from a nozzle
2	water droplets falling at an angle of up to 15°	6	as 5, but with increased pressure
3	water droplets falling at an angle of up to 60°	7	temporary submersion in water
4	water droplets from all directions	8	permanent submersion in water
		9K	cleaning under extremely high pressure

LED REAR LIGHTS

- Production in accordance with the current version of DIN ISO 9001, certified and continuously monitored by TÜV Rheinland.
- Versions
 - Tail light/reversing light
 - Tail light/stop light/indicator
 - Tail light/tail fog light
- High-quality shock- and vibration-resistant plastic housings in a universally applicable compact, round design (∅ 140 x 50.5 mm)
- Comply with European homologation E9
- Highly efficient OSRAM® LEDs with optimum luminous intensity
- Very low power consumption of only max. 6 W with a perfect light colour temperature
- Optimum light diffusion for homogeneous illumination of the application area
- Diffusing lens made of impact- and scratch-resistant plastic
- EMC certified = electromagnetic compatibility
- Waterproof and dustproof, according to international standard IP68
- Operating temperature from -40 °C to +55 °C
- High temperature resistance of electronic components due to highly effective integrated heat sinks
- Multi-voltage function suitable for 12-volt as well as 24-volt systems
- Polarity reversal protection
- Easy installation due to integrated screw threads (M6) incl. a 1 m long connection cable
- High-quality product labelling



LED rear light

Installation side	left/right	Fastening	2 x M6
Voltage	12/24 V	Pin spacing	45 mm
∅	140 mm	Protection class	IP68
Depth	50,5 mm	Type	surface-mounting
Cable length	1000 mm		

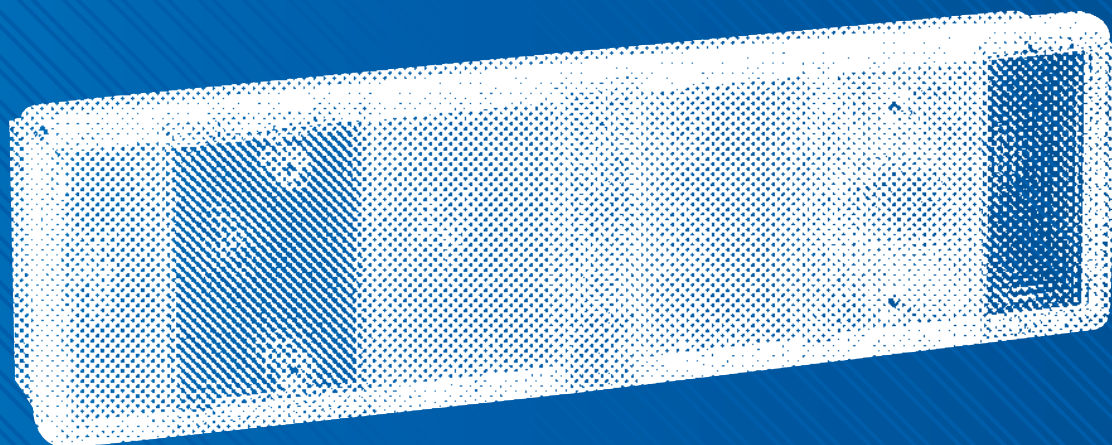
Approved for electromagnetic compatibility (EMC)

Description	Version	Fig.	Order no
LED rear light, with 12 LEDs	with indicator, brake and tail light	1	5129 000 010
LED rear fog lamp, with 9 LEDs	with tail light	2	5129 000 017
LED reversing light, with 9 LEDs	with tail light	3	5129 000 018

COMING SOON!

FROM 3RD QUARTER 2021

EUROPART REAR LIGHTS



Numberplate lamp

Installation side left/right
Voltage 12-30 V
Bulb type C5W
Width 102 mm
Height 58 mm

Depth 51 mm
Fastening 2 x M5
Pin spacing 72 mm
Housing colour black
Type surface-mounting



Order no

5129 000 023



Numberplate lamp

Installation side left/right
Voltage 12-36 V
Bulb type C5W
Width 83 mm
Height 50 mm

Depth 30 mm
Fastening 2 x M5
Pin spacing 45 mm
Housing colour black
Type surface-mounting



Order no

5129 000 024

INDICATOR SWITCHES

- Production certified to the highest automotive standard (IATF 16949) and continuously monitored by independent institutions
- Selecting high-quality materials and ensuring the rigorous compliance of all electrical and mechanical connections in the manufacturing process guarantees:
 - Precisely fitting electrical connections
 - Simple latching and momentary functions
 - Ergonomic design
 - User-friendly feel
- Multifunctional, complex technologies in modular designs for a very broad range of functions
- High-quality display of international symbols
- High level of switching reliability over a very wide temperature range
- 100 % checking of electrical connections
- 100 % checking of mechanical functions
- Wide product range for all standard types of vehicles
- Broad application for different models

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Lighting and electrics





Indicator switch

This figure corresponds to 9225 000 003

Suitable for	Switch function	Cable length	Order no	Comparative no
DAF XF105, XF95, CF85, CF75, CF65, 85CF, 75CF, 65CF		730 mm	9225 000 006	DAF 1811123
MAN F90, M90		390 mm	9225 000 011	MAN 81.25509-0020
MAN TGA, F2000, M2000M/L, L2000, F90, M90		810 mm	9225 000 002	MAN 81.25509-0124
MAN TGX, TGS, TGA, TGM, TGL		265/285 mm	9225 000 004	MAN 81.25509-0139
Mercedes-Benz Actros 1/2/3, Axor 1/2/3, Atego 1 (18 t), Atego 1/2/3, Econic 1		560 mm	9225 000 001	Mercedes-Benz 008 545 01 24
Mercedes-Benz Citaro I (O 530)		420 mm	9225 000 003	Mercedes-Benz 002 540 62 44
Mercedes-Benz LK/LN2		380 mm	9225 000 009	Mercedes-Benz 673 540 04 45
Mercedes-Benz Sprinter I, Vito (638)			9225 000 000	Mercedes-Benz 001 540 46 45
Scania 164, 144, 124, 114, 94		430 mm	9225 000 010	Scania 1424970
Volvo FH12 (1994-2004), FH16 I (1993-2002), FM7 (1999-2002), FM10 (1999-2002), FM12 (1999-2002), FL6 (2000-2006), NH12		60/85 mm	9225 000 007	Volvo 3172171
Volvo FH II (2001-2006/2005-2012), FH16 II (2004-2006), FM II (2002-2013), FMX I (2010-)		60/85 mm	9225 000 008	Volvo 20399170

STARTER MOTORS/ ALTERNATORS

- Production certified to the highest automotive standard (IATF 16949) and continuously monitored by independent institutions
- Highest quality, meet 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 expansion of the programme
- Robust packaging

8

Lighting and electrics



Starter motor

Voltage 12 V
 Power 2 kW
 Version clockwise direction of rotation
 Pinion teeth 10



Suitable for	Order no	Comparative no
EvoBus Mercedes-Benz Sprinter, Vario, Vito	4052 000 011	Mercedes-Benz 005 151 66 01



Starter motor

Voltage 24 V
 Power 4 kW
 Version clockwise direction of rotation
 Pinion teeth 10
 Flange 3-hole
 Flange-∅ 88,9 mm

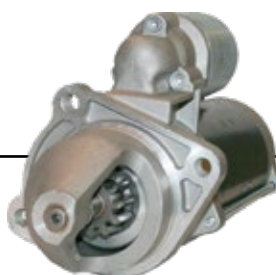


Suitable for	Order no	Comparative no
MAN M2000L/M, L2000, M90, G90 MAN EM, NL, NM, SM	4052 000 001	MAN 51.26201-7212



Starter motor

Voltage 24 V
 Power 4 kW
 Version clockwise direction of rotation
 Pinion teeth 11
 Flange 3-hole
 Flange-∅ 88,9 mm



Suitable for	Order no	Comparative no
MAN M2000L/M, L2000, M90, G90 MAN EL, NG, NL, NM, NÜ, SM	4052 000 008	MAN 51.26201-7213



Starter motor

Voltage 24 V
 Power 4 kW
 Version clockwise direction of rotation
 Pinion teeth 9
 Flange 3-hole
 Flange- \varnothing 88,9 mm



Suitable for	Order no	Comparative no
Mercedes-Benz NG, MK, LK/LN2, Unimog	4052 000 009	Mercedes-Benz 004 151 86 01



Starter motor

Voltage 24 V
 Power 5 kW
 Version clockwise direction of rotation
 Pinion teeth 10
 Flange 3-hole
 Flange- \varnothing 88,9 mm



Suitable for	Order no	Comparative no
DAF CF65, LF 45/55	4052 000 004	DAF 1387383



Starter motor

Voltage 24 V
 Power 5 kW
 Version clockwise direction of rotation
 Pinion teeth 10
 Flange 3-hole
 Flange- \varnothing 88,9 mm



Suitable for	Order no	Comparative no
Mercedes-Benz Atego I, Econic I, LK/LN2, Unimog Mercedes-Benz Citaro I (O 530)	4052 000 000	Mercedes-Benz 006 151 22 01



Starter motor

Voltage 24 V
 Power 5 kW
 Version clockwise direction of rotation
 Pinion teeth 10
 Flange 3-hole
 Flange- \varnothing 88,9 mm



Suitable for	Order no	Comparative no
Renault Manager G, Midliner, Midlum, Maxter, Premium I	4052 000 010	Renault 5010508443



Starter motor

Voltage 24 V
 Power 6 kW
 Version clockwise direction of rotation
 Pinion teeth 11
 Flange 3-hole
 Flange-∅ 110 mm



Suitable for	Order no	Comparative no
DAF 95XF Mercedes-Benz NG, LP, MB-Trac, Unimog	4052 000 005	DAF 1739936



Starter motor

Voltage 24 V
 Power 6 kW
 Version clockwise direction of rotation
 Pinion teeth 11
 Flange 3-hole
 Flange-∅ 110 mm



Suitable for	Order no	Comparative no
DAF XF105, XF95, CF85	4052 000 014	DAF 1956090



Starter motor

Voltage 24 V
 Power 6 kW
 Version clockwise direction of rotation
 Pinion teeth 11
 Flange 3-hole
 Flange-∅ 88,9 mm



Suitable for	Order no	Comparative no
Renault Premium II, Kerax Volvo FM, FM9	4052 000 013	Volvo 20397219



Starter motor

Voltage 24 V
 Power 6 kW
 Version clockwise direction of rotation
 Pinion teeth 12
 Flange 3-hole
 Flange-∅ 92 mm



Suitable for	Order no	Comparative no
MAN TGX, TGS, TGA	4052 000 002	MAN 51.26201-7199



Starter motor

Voltage 24 V
 Power 6 kW
 Version clockwise direction of rotation
 Pinion teeth 11
 Flange 3-hole
 Flange-∅ 92 mm



Suitable for	Order no	Comparative no
Scania R, G, P VDL Bova Magiq, Bova Synergy	4052 000 003	Scania 1796026



Starter motor

Voltage 24 V
 Power 6 kW
 Version clockwise direction of rotation
 Pinion teeth 12
 Flange 3-hole
 Flange-∅ 92 mm



Suitable for	Order no	Comparative no
Volvo FH12, FM12	4052 000 012	Volvo 20572417



Starter motor

Voltage 24 V
 Power 6,7 kW
 Version clockwise direction of rotation
 Pinion teeth 11
 Flange 3-hole
 Flange-∅ 92 mm



Suitable for	Order no	Comparative no
Scania 164, 124, 114, 143, 113	4052 000 007	Scania 1357709



Starter motor

Voltage 24 V
 Power 7,5 kW
 Version clockwise direction of rotation
 Pinion teeth 12
 Flange 3-hole
 Flange-∅ 92 mm



Suitable for	Order no	Comparative no
Mercedes-Benz Actros 1/2/3, Axor 1 Mercedes-Benz Citaro I (O 530), Conecto I (O 345), Tourismo I (O 350), Travego I (O 580)	4052 000 006	Mercedes-Benz 007 151 13 01

Starter motors

Compatibility with other manufacturers' products

Our starter models replace your old model with a different number of teeth without any problems:

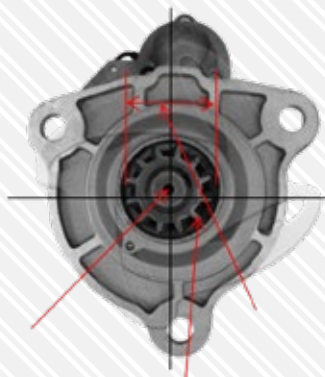
As part of product revisions it is possible that a vehicle starter can be installed with different numbers of teeth. What is crucial in this context is not the number of teeth, but the displacement of the armature centre to balance the differences in the ring gear. The displacement of the armature shaft corresponds to half a module per tooth, whereby the module is always the relation of the pitch p to the tooth P_i (p) and thereby the diameter of the pitch circle and/or working diameter results from the product of the module and number of teeth. The gear and meshing gear must always have the same module. For instance, if a starter with 11 teeth is being replaced by one with 12, the armature shaft with a module of 2.05 is moved 1.025 mm further from the ring gear. The contact point of the circumference on the pinion and the ring gear therefore remain identical despite the different number of teeth.

If therefore a starter with a deviating number of teeth is delivered, it can be readily installed – provided that the vehicle was correctly assigned.

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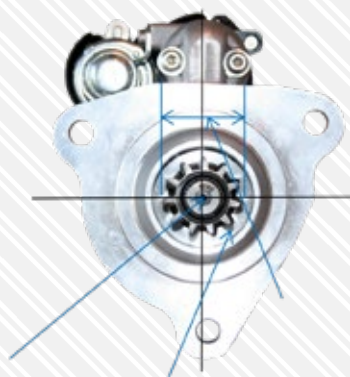
Lighting and electrics

Bosch HEF 5,5kw



- 11 teeth
- 44.8 mm pinion with a 1.6 mm eccentric fit.

EUROPART



- 12 teeth
- Ø 41.1 mm
- Pinion without eccentric inlet
- 100 % fitting accuracy to replace the OE product without problems



Alternator

Voltage 24 V
 Charging current 80 A
 Version with pulley, clockwise direction of rotation
 Pulley \varnothing 72 mm
 Housing- \varnothing 157 mm



Suitable for	Order no	Comparative no
DAF 95XF, 95, 85, 75 MAN F2000, F90, M2000L/M, L2000, M90, G90 MAN EM, NM, SM Mercedes-Benz Actros 1/2/3, Atego 1, NG, SK, MK, LK/LN2, Unimog Renault Magnum I	4052 001 006	Mercedes-Benz 009 154 98 02



Alternator

Voltage 24 V
 Charging current 90 A
 Version with pulley, clockwise direction of rotation
 Pulley \varnothing 62 mm
 Housing- \varnothing 142 mm



Suitable for	Order no	Comparative no
Iveco EuroTech, EuroTrakker, Stralis, Trakker	4052 001 005	Iveco 500331736



Alternator

Voltage 24 V
 Charging current 90 A
 Version with pulley, clockwise direction of rotation
 Pulley \varnothing 62 mm
 Housing- \varnothing 142 mm



Suitable for	Order no	Comparative no
Iveco Stralis, EuroTech, EuroTrakker, Trakker	4052 001 007	Iveco 500337394



Alternator

Voltage 24 V
 Charging current 110 A
 Version without pulley, clockwise direction of rotation
 Housing- \varnothing 154 mm



Suitable for	Order no	Comparative no
DAF 95XF	4052 001 001	DAF 1377860

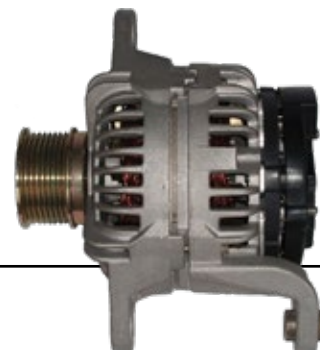


Alternator

Voltage 24 V
 Charging current 110 A
 Version with pulley, clockwise direction of rotation
 Pulley \varnothing 72 mm
 Housing- \varnothing 154 mm



Suitable for	Order no	Comparative no
Scania R, G, P, T	4052 001 002	Scania 571614



Alternator

Voltage 24 V
 Charging current 110 A
 Version with pulley, clockwise direction of rotation
 Pulley \varnothing 62 mm
 Housing- \varnothing 154 mm



Suitable for	Order no	Comparative no
Renault Kerax, Magnum Volvo FH, FH12, FM, FM12	4052 001 008	Volvo 20409240



Alternator

Voltage 24 V
 Charging current 110 A
 Version with pulley, clockwise direction of rotation
 Pulley Ø 55 mm
 Housing-Ø 154 mm



Suitable for	Order no	Comparative no
Heuliez GX 337, GX 427 Iveco EuroCargo I/II/III Irisbus Access Bus GX 127, Proway	4052 001 009	Iveco 4892320



Alternator

Voltage 24 V
 Charging current 110 A
 Version with pulley, clockwise direction of rotation
 Pulley Ø 77 mm
 Housing-Ø 154 mm



Suitable for	Order no	Comparative no
Mercedes-Benz Actros 1/2/3, Axor 1, Atego 1, Econic 1, LK/LN, Unimog Mercedes-Benz Citaro I (O 530)	4052 001 004	Mercedes-Benz 011 154 87 02

8 Lighting and electrics



Alternator

Voltage 24 V
 Charging current 110 A
 Version without pulley,
clockwise direction of rotation
 Housing-Ø 154 mm



Suitable for	Order no	Comparative no
MAN TGX, TGA, TGL	4052 001 003	MAN 51.26101-7246



Alternator

Voltage 24 V
 Charging current 140 A
 Version without pulley, can be used
clockwise and counterclockwise
 Housing-Ø 172 mm



Suitable for	Order no	Comparative no
Mercedes-Benz Actros, Axor, LK/LN2 Mercedes-Benz Citaro (O 530), Conecto (O 345), Integro (O 550), Tourismo, Travego, O 303, O 404, O 405, O 407	4052 001 000	Mercedes-Benz 008 154 78 02

Read online now:

EUROPART – Competence in starters and alternators

In our brochure, you will find 32 pages of concentrated competence on the subject of starters and alternators:

- 66 articles on 32 pages
- HELLA starters and alternators
- 3 year guarantee
- New part without deposit

We would be pleased to answer any questions you may have!

For further information, please contact your EUROPART branch. Ask for additional languages!



www.europart.net

Starters and alternators

Product competence from EUROPART

HELLA starters and alternators:

- 3 year guarantee (more information on pg. 4)
- New part without deposit
- High coverage

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

3 years warranty on our Premium Parts private label!



It is our job to identify market requirements and trends at an early stage in order to be able to provide you with an appealing range of EUROPART Premium Parts products. We can only succeed in inspiring you if, in addition to our TOP quality level, we also convince you with a TOP price/performance ratio.

Procurement experts, technicians, sales experts and quality assurance specialists regularly confer and review product ideas with regard to economic aspects as well as technical and legal requirements.

Once suppliers have been preselected, auditing is carried out in accordance with automotive standards. This subsequent all-encompassing evaluation is very important to us, which is why we always personally take the time to get a first-hand impression of the supplier and the production facility. The final milestone on the way to the Premium Parts own-brand product is the testing of a physical sample followed by technical documentation.

In addition to dimensional and electrical testing, we also examine the chemical composition and physical properties of the sample. We have the most advanced technical equipment and tools at our disposal for this purpose. Benchmarks are always the original part and national and international standards.

www.europart.net/uk/three



Even if the process is time-consuming – it's worth it: The complaint rate for our Premium Parts own brand is less than 0.01 percent! And that's why we are now extending the statutory warranty and giving a 3-year guarantee on our Premium Parts private label products. WE JUST DO.

EUROPART Premium Parts

Alongside well-known manufacturer brands, EUROPART can also offer you a strong Premium Parts program with **over 7,500 articles** from the various EUROPART ranges. **Premium quality** following the highest European automotive standards with a strict selection and quality assurance process.

WE JUST DO!

BATTERIES

- Production according to the highest automotive standard (IATF16949), certified by Dekra and continuously monitored
- 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
- Advanced technology (calcium-calcium technology)

The perfect solution for commercial vehicles with extensive equipment!



Starter and supply battery

EUROPART EFB, 12 V, filled and charged

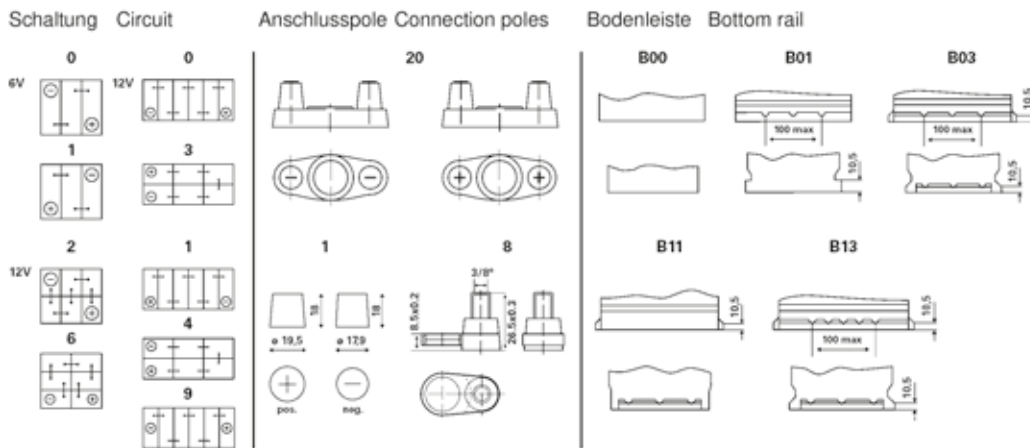
excellent performance at all times: high starting output, great reliability and long service life, heightened cycle stability and vibration resistance (acc. to EN 50342-1/ vibration resistance >V3) – ideal for rear installation, very effective charging and reduced proneness to corrosion, safety lid with backfire protection, enhanced Ca/Ca technology, 100 % maintenance-free

Design	EFB
Circuit	3
Cell type	1
Bottom rail	B00

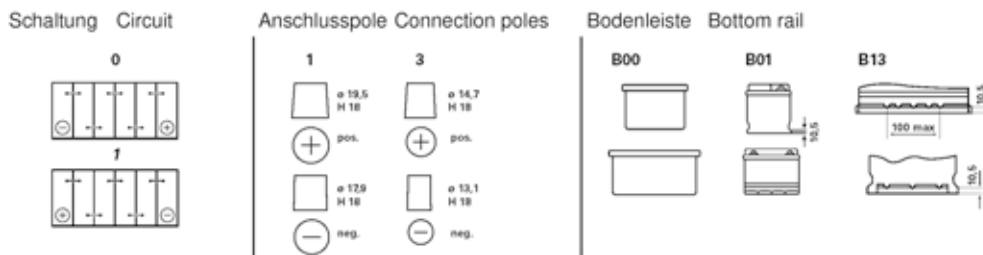
This figure corresponds to 9561 725 500

Type	CCA	Capacity	Length x width x height	Order no
680 500 100	1000 A [EN]	180 Ah	513 x 223 x 223 mm	9561 680 500
725 500 115	1150 A [EN]	225 Ah	518 x 276 x 242 mm	9561 725 500

Technische Angaben NKW Technical specifications commercial vehicles



Technische Angaben Transporter und PKW Technical specifications vans and cars



The perfect solution for delivery applications in city traffic!



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

This figure corresponds to 9560 640 205

Type	CCA	Capacity	Length x width x height	Order no
640 103 080	800 A [EN]	140 Ah	513 x 189 x 223 mm	9560 640 205
680 032 100	1000 A [EN]	180 Ah	513 x 223 x 223 mm	9560 680 325
725 012 115	1150 A [EN]	225 Ah	518 x 276 x 242 mm	9560 710 145

The perfect solution for agricultural and construction machinery!



Starter battery

EUROPART Standard, 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.

Design Heavy Duty
Standard EN-1, V3
Cell type 1

Type	CCA	Capacity	Circuit	Bottom rail	Length x width x height	Order no
610 013 076	760 A [EN]	110 Ah	3	B03	514 x 175 x 210 mm	9560 610 403
610 047 068	680 A [EN]	110 Ah	0	B00	347 x 173 x 234 mm	9561 610 047
610 404 068	680 A [EN]	110 Ah	0	B01	347 x 173 x 234 mm	9561 610 404
620 045 068	680 A [EN]	120 Ah	3	B00	513 x 189 x 223 mm	9560 620 343
635 052 100	1000 A [EN]	135 Ah	3	B03	514 x 175 x 210 mm	9560 635 393
640 035 076	760 A [EN]	140 Ah	3	B00	513 x 189 x 223 mm	9560 640 203
640 036 076	760 A [EN]	140 Ah	3	B03	513 x 189 x 223 mm	9560 635 313
643 033 095	950 A [EN]	143 Ah	3	B03	514 x 218 x 210 mm	9560 643 233
655 013 090	900 A [EN]	155 Ah	3	B00	513 x 223 x 223 mm	9560 643 173
680 032 100	1000 A [EN]	180 Ah	3	B00	513 x 223 x 223 mm	9560 680 323
725 012 115	1150 A [EN]	225 Ah	3	B00	518 x 276 x 242 mm	9560 710 143



Lighting battery

12 V, filled and charged

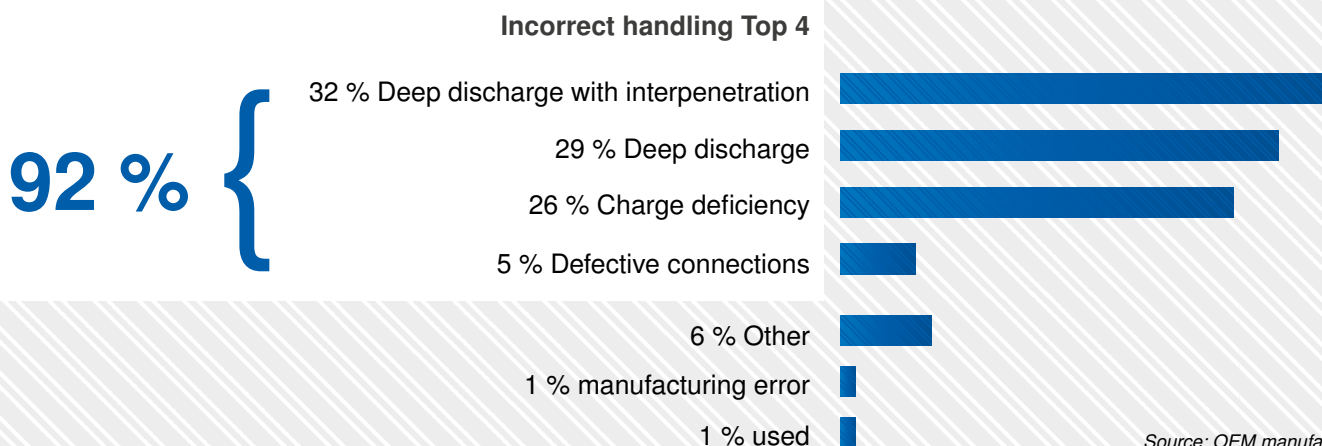
Design Heavy Duty
Standard EN-1, V3
Circuit 3
Cell type 1
Bottom rail B00



This figure corresponds to 9561 968 013

Type	CCA	Capacity	Length x width x height	Order no
963 051 000	1000 A [EN]	180 Ah	513 x 223 x 223 mm	9561 963 513
968 001 000	1150 A [EN]	230 Ah	518 x 276 x 242 mm	9561 968 013

Cause of error for battery defects in the commercial vehicle segment



Source: OEM manufacturer

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

Replacing in pairs as a general rule?

Studies have shown that after replacing a defective battery the second battery must also soon be replaced due to low absorption capacity.

In general, the replacement of just one battery results in the need for jump-starting. Accordingly the following applies: when replacing a battery the second battery should also always be replaced.

In this way the mixed installation of series batteries (antimony, low-maintenance) and replacement part batteries (calcium, no-maintenance) is prevented.

The only way to guarantee that both batteries have the same age, capacity and internal resistance is to replace them in pairs.

Case studies:

55 % 65 %

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.

80 % 52 %

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 %.

90 % 60 %

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

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

The perfect solution for vehicles with very high energy requirements!



EUROPART



Starter battery

EUROPART Plus, 12 V, filled and charged

The wide range of EUROPART starter batteries for trucks and cars particularly stands out, thanks not only to its excellent price to performance ratio but also through good starting power, low water consumption, universal application, load capacity, long service life and reliability. The quality standards of EUROPART starter batteries of course comply with general DIN/EN standards. **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**

Design Super Heavy Duty
 Standard EN-1, V3
 Circuit 0
 Cell type 1
 Bottom rail B13

Type	CCA	Capacity	Length x width x height	Fig.	Order no
544 402 044	440 A [EN]	44 Ah	207 x 175 x 175 mm	1	9561 544 402
560 409 054	540 A [EN]	60 Ah	242 x 175 x 175 mm	2	9561 560 409
572 409 068	680 A [EN]	72 Ah	278 x 175 x 175 mm	3	9561 572 409
580 406 074	740 A [EN]	80 Ah	315 x 175 x 175 mm	4	9561 580 406
600 402 083	830 A [EN]	100 Ah	353 x 175 x 190 mm	5	9561 600 402

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

The perfect solution for vehicles with medium energy demand!



Starter battery

EUROPART Standard, 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.

Design Heavy Duty
Standard EN-1, V3

Type	CCA	Capacity	Circuit	Cell type	Bottom rail	Length x width x height	Order no
535 400 033	330 A [EN]	35 Ah	0	1	B13	210 x 175 x 175 mm	9560 536 462
541 400 036	360 A [EN]	41 Ah	0	1	B13	207 x 175 x 175 mm	9560 541 402
545 155 033	330 A [EN]	45 Ah	0	3	B00	238 x 129 x 227 mm	9560 545 152
545 412 040	400 A [EN]	45 Ah	0	1	B13	207 x 175 x 190 mm	9560 544 592
556 400 048	480 A [EN]	56 Ah	0	1	B13	242 x 175 x 190 mm	9560 555 592
560 412 051	510 A [EN]	60 Ah	0	1	B00	232 x 173 x 225 mm	9560 560 482
560 408 054	540 A [EN]	60 Ah	0	1	B13	242 x 175 x 190 mm	9560 562 192
568 405 055	550 A [EN]	68 Ah	1	1	B01	261 x 175 x 220 mm	9560 570 242
568 403 057	570 A [EN]	68 Ah	0	1	B13	278 x 175 x 175 mm	9560 568 402
570 144 064	640 A [EN]	70 Ah	0	1	B13	278 x 175 x 175 mm	9560 570 142
574 104 068	680 A [EN]	74 Ah	0	1	B13	278 x 175 x 190 mm	9560 572 172
590 122 072	720 A [EN]	90 Ah	0	1	B13	353 x 175 x 190 mm	9560 588 332
591 400 074	740 A [EN]	91 Ah	0	1	B01	306 x 173 x 225 mm	9560 585 162
591 401 074	740 A [EN]	91 Ah	1	1	B01	306 x 173 x 225 mm	9560 585 152
595 402 080	800 A [EN]	95 Ah	0	1	B13	353 x 175 x 190 mm	9560 592 172
600 047 060	600 A [EN]	100 Ah	0	1	B00	413 x 175 x 220 mm	9560 600 263

JUMP CABLES

Application:

Our jump cables are available in different lengths from 3.5 to 5 m, and with different cable cross sections from 25 to 70 mm² thereby offering a wide area of application in the truck and commercial vehicle segment. Depending on the model, the cables are designed for current strengths ranging from 350 A to 1000 A. All models are suitable for voltages of 12 V and 24 V. Models are available either with or without surge protection.

Advantages:

- Fully insulated plastic pliers
- Massive copper jaw and ground strap
- Highly flexible copper cable
- Practical plastic case
- Available in different models



Jump Cable

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

Load capacity, max. 1000 A
Cable length (2 x) 5 m

Scope of supply
comes in a plastic case

Cable cross-section	Order no
50 mm ²	9560 002 060
70 mm ²	9560 002 070



Jump Cable

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

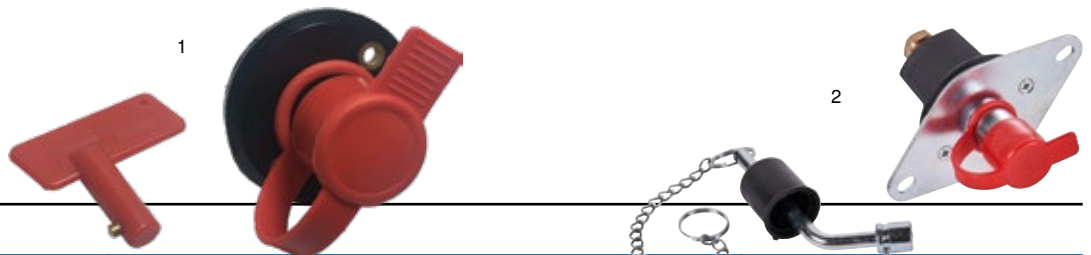
Load capacity, max. 850 A
Cable length (2 x) 5 m

Scope of supply
comes in a plastic case

Cable cross-section	Order no
35 mm ²	9560 000 201
50 mm ²	9560 000 202



Main battery switch



Voltage	Average voltage	Rated current	Technical data	Fig.	Order no
12 V	8-16 V	100 A	Load capacity 500 A for 10 seconds	1	3131 124 106
12/24 V	9-27 V	200 A	Load capacity 2500 A for 10 seconds	2	3131 124 105

LAMPS (BULBS)

- Production according to the highest automotive standard (IATF16949), certified by SGS and continuously monitored
- Meet all the applicable European ECE standards
- Perfect light output with dependable service life
- High resistance to vibration, consequently particularly suitable for truck applications
- Wide product coverage
- For universal use



EURO PART



Bulb cupboard

24 V, including bulb tester

equipped with basic range, robust metal housing, lockable, with 2 handy drawers for signal lamps and business card holder

Dimensions 370 x 176 x 595 mm

Scope of supply

- 40 x H7 Halogen headlamp bulbs, 24 V (8900 001 030)
- 10 x H4 Halogen headlamp bulbs, 24 V (8900 006 000)
- 10 x H3 Halogen headlamp bulbs, 24 V (8900 009 000)
- 10 x H1 Halogen headlamp bulbs, 24 V (8900 040 100)
- 40 x bulbs, P21W, 24 V (8900 003 000)
- 10 x bulbs, P21/5W, 24 V (8900 013 000)
- 40 x bulbs, R10W, 24 V (8900 002 000)
- 40 x bulbs, R5W, 24 V (8900 001 000)
- 40 x bulbs, W5W, 24 V (8900 040 130)
- 10 x bulbs, T4W, 24 V (8900 004 000)
- bulb tester



Version

250-piece

Order no

8900 019 000



Bulb cupboard

12 V, including bulb tester

equipped with basic range, robust metal housing, lockable, with 2 handy drawers for signal lamps and business card holder

Dimensions 370 x 176 x 595 mm

Scope of supply

- 30 x H7 Halogen headlamp bulbs, 12 V (8900 010 300)
- 10 x H4 Halogen headlamp bulbs, 12 V (8900 099 560)
- 10 x H3 Halogen headlamp bulbs, 12 V (8900 534 560)
- 10 x H1 Halogen headlamp bulbs, 12 V (8900 518 360)
- 30 x bulbs, P21W, 12 V (8900 020 000)
- 30 x bulbs, P21/5W, 12 V (8900 021 000)

- 30 x bulbs, PY21W, 12 V (2750 002 496)
- 30 x bulbs, R10W, 12 V (8900 018 000)
- 30 x bulbs, R5W, 12 V (8900 017 000)
- 30 x bulbs, C5W, 12 V (8900 024 000)
- 30 x bulbs, W5W, 12 V (8900 010 301)
- 20 x bulbs, T4W, 12 V (8900 979 473)
- Bulb tester

Version

290-piece

Order no

8900 053 648



Headlamp bulb

Voltage 24 V

Bulb type	Socket	Power	Fig.	Order no	Bulb type	Socket	Power	Fig.	Order no
H1	P 14,5 s	70 W	1	8900 040 100	H7	PX 26 d	70 W	4	8900 001 030
H3	PK 22 s	70 W	2	8900 009 000	H7 HD	PX 26 d	70 W	4	8900 581 060
H4	P43t-38	75/70 W	3	8900 006 000	H21W	BAY 9 s	21 W	5	2750 004 356
H4 HD	P43t-38	75/70 W	3	8900 008 000	R2	P45t-41	55/50 W	6	8900 040 050

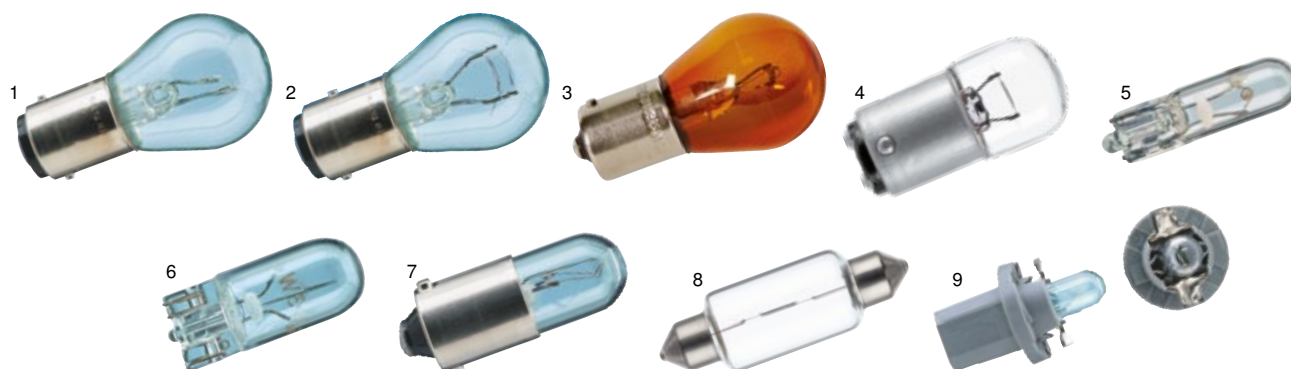


Headlamp bulb

Voltage 12 V

Bulb type	Socket	Power	Fig.	Order no
H1	P 14,5 s	55 W	1	8900 518 360
H3	PK 22 s	55 W	2	8900 534 560
H4	P 43 t	60/55 W	3	8900 099 560

Bulb type	Socket	Power	Fig.	Order no
H7 LongLife	PX 26 d	55 W	4	8900 010 100
H7	PX 26 d	55 W	5	8900 010 300

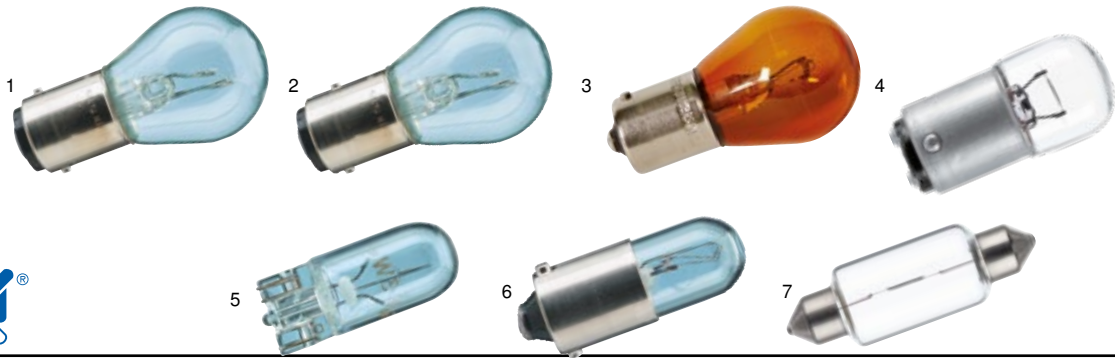


Bulb

Voltage 24 V

Bulb type	Socket	Power	Order no
P21W	BA 15 s	21 W	8900 003 000
P21W HD	BA 15 s	21 W	8900 010 000
P21/5W	BAY 15 d	21/5 W	8900 013 000
PY21W	BAU 15 s	21 W	2750 003 496
R10W	BA 15 s	10 W	8900 002 000
R10W HD	BA 15 s	10 W	8900 012 000
R5W	BA 15 s	5 W	8900 001 000
R5W HD	BA 15 s	5 W	8900 011 000
WBT5	W2 x 4,6 d	1,2 W	3610 002 741
W3W	W2,1 x 9,5 d	3 W	3610 002 841

Bulb type	Socket	Power	Order no
W5W	W2,1 x 9,5 d	5 W	8900 040 130
T2W	BA 9 s	2 W	8900 016 000
T4W	BA 9 s	4 W	8900 004 000
T4W HD	BA 9 s	4 W	8900 030 080
C5W	SV 8,5	5 W	8900 005 000
C10W	SV 8,5	10 W	8900 040 060
C5W	SV 8,5	5 W	8900 005 002
C15W	SV 8,5	15 W	8900 005 001
BAX 8,5d/2	B8,5d/2	1,2 W	3610 004 068



Bulb

Voltage 12 V

Bulb type	Socket	Power	Fig.	Order no
P21W	BA 15 s	21 W	1	8900 020 000
P21/5W	BAY 15 d	21 W/5 W	2	8900 021 000
PY21W	BAU 15 s	21 W	3	2750 002 496
R5W	BA 15 s	5 W	4	8900 017 000

Bulb type	Socket	Power	Fig.	Order no
R10W	BA 15 s	10 W	4	8900 018 000
W5W	W2,1 x 9,5 d	5 W	5	8900 010 301
T4W	BA 9 s	4 W	6	8900 979 473
C5W	SV 8,5	5 W	7	8900 024 000

8 Lighting and electrics



Gas discharge lamp

Power 35 W

Application range

for main headlights and full-beams

Bulb type	Socket	Voltage	Fig.	Order no
D1S	PK 32 d-2	85 V	1	8900 033 000
D2S	P32 d-2	85 V	2	8900 034 000
D3S	PK 32 d-5	42 V	3	8900 035 000



Spare bulbs box

H7, Maxi

Voltage 24 V

Scope of supply

- 2 x 8900 001 030 (H7 70 W, PX 26 d)
- 2 x 8900 003 000 (P21W, BA 15 s)
- 2 x 8900 013 000 (P21/5W, BAY 15 d)
- 1 x 2750 003 496 (PY21W, BAU 15 s)
- 3 x 8900 001 000 (R5W, BA 15 s)
- 2 x 8900 002 000 (R10W, BA 15 s)
- 2 x 8900 005 000 (C5W, SV 8.5)
- 1 x 8900 040 130 (W5W, W2,1 x 9.5 d)
- 1 x 8900 004 000 (T4W, BA 9 s)
- 2 x flat plug fuses each: 10, 15, 20, 30 amps



Version

24-piece

Order no

8900 025 000

PLUGS AND SOCKETS

- Produced according to the highest automotive standard (IATF16949), certified by TÜV Rheinland and continuously monitored
- Comply with all applicable international standards
- ADR and GGVS hazardous goods transport approvals
- Are made of high-quality materials in original equipment quality
- Very high fitting accuracy, which ensures easy handling
- Very high-quality screw and crimp contacts
- Comply with all required IP protection classes (dust and waterproof) according to the international standard for electrical equipment
- 12 V and 24 V versions
- High resistance to UV and ozone
- High resistance to heat and cold
- Resistant to oil, chemicals and environmental influences
- Wide product coverage
- High-quality product labelling



Socket

with lid

Standard	ISO 4165
Connection	spade connection 6.3 mm
Voltage	12/24 V
Number of poles	2
Load capacity	12 A
Switch board power, max.	2,5 mm

Order no

3131 124 002



Plug

with security device

Standard	ISO 4165
Connection	with screw connection
Voltage	6-24 V
Number of poles	2
Capacity	16 A at 24 V

Order no

3131 124 003



Plug

Suitable for	NATO sockets
Connection	with contact pin
Voltage	24 V
Number of poles	2
Cable cross-section	35 mm ²

Order no

3131 124 004





Socket
VG 96917

Connection crimp/solder contact
Voltage 24 V
Number of poles 2
Material metal

Order no

3131 124 000



Plug
VG 96917

Connection crimp/solder contact
Voltage 24 V
Number of poles 2
Material metal

Order no

3131 124 001



Socket

with rubber seal in cover

Connection screw connection
Voltage 6-24 V
Number of poles 3
Material plastic

Order no

3131 124 021



Plug

Connection screw connection
Voltage 6-24 V
Number of poles 3
Material plastic

Order no

3131 124 022



Socket

with rubber seal in cover

Standard DIN 72575
Connection screw connection
Voltage 6-24 V
Number of poles 4
Material plastic

Order no

3131 124 037



Plug

with strain relief and rubber grommet

Standard DIN 72575
Connection screw connection
Voltage 6-24 V
Number of poles 4
Material plastic

Order no

3131 124 036



Socket

with cable protection sleeve,
for cables \varnothing 9.5-12.5 mm

Standard ISO 1185/N-type
Connection threaded connection
Voltage 24 V
Number of poles 7
Cable cross-section $6 \times 1,5 + 1 \times 2,5 \text{ mm}^2$
Material metal

Order no

3131 124 052



Plug

with strain relief and grommet
for \varnothing 8-12 mm cables

Standard ISO 1185/N-type
Connection threaded connection
Voltage 24 V
Number of poles 7
Cable cross-section $6 \times 1,5 + 1 \times 2,5 \text{ mm}^2$

This figure corresponds to
3131 124 051

Material

Order no

metal

3131 124 053

plastic

3131 124 051



Socket

with cover and grommet
for \varnothing 9.5-12.5 mm cables

Standard	ISO 3731/S-type
Connection	screw connection
Voltage	24 V
Number of poles	7
Cable cross-section	4 x 1,5 + 3 x 2,5 mm ²
Material	metal



Order no

3131 124 055



Plug

with strain relief and grommet
for \varnothing 9.5-12.5 mm cables

Standard	ISO 3731/S-type
Connection	screw connection
Voltage	24 V
Number of poles	7
Cable cross-section	4 x 1,5 + 3 x 2,5 mm ²

This figure corresponds to
3131 124 054



Material

Order no

metal 3131 124 056

plastic 3131 124 054



EBS socket

with strain relief,
for \varnothing 11-15 mm cables

Standard	ISO 7638-1
Connection	twisted crimp terminal
Voltage	24 V
Number of poles	7
Cable cross-section	5 x 1,5 + 2 x 4 mm ²
Material	plastic



Approved for vehicles in accordance with ADR

Order no

3131 124 057



EBS plug

with strain relief and anti-kink
grommets for \varnothing 9-16 mm cables

Standard	ISO 7638-1
Voltage	24 V
Number of poles	7
Cable cross-section	5 x 1 + 2 x 4 mm ²
Material	plastic



This figure corresponds to
3131 124 058

Approved for vehicles in accordance with ADR

Connection

Order no

screw connection 3131 124 058

twisted crimp terminal 3131 124 059



Socket

with strain relief,
for \varnothing 12-18 mm cables

Standard	ISO 12098
Voltage	24 V
Number of poles	15
Cable cross-section	12 x 1,5 + 3 x 2,5 mm ²
Material	plastic



This figure corresponds to
3131 124 071

Approved for vehicles in accordance with ADR

Connection

Order no

twisted crimp terminal 3131 124 071

13-times occupied, twisted crimp terminal 3131 124 075



Plug

with strain relief, anti-kink grommets
for \varnothing 12-18 mm cables

Standard	ISO 12098
Voltage	24 V
Number of poles	15
Cable cross-section	12 x 1,5 + 3 x 2,5 mm ²
Material	plastic



This figure corresponds to
3131 124 072

Approved for vehicles in accordance with ADR

Connection

Order no

screw connection 3131 124 072

twisted crimp terminal 3131 124 073



Plug

with strain relief and bayonet
connector with cap nut

Standard	ISO 11446
Connection	screw connection
Voltage	12 V
Number of poles	13
Material	plastic



Order no

3131 124 074



Short adapter

from 15-pin socket (ISO 1185) to
2 x 7-pin plug (ISO 13731)

Voltage 24 V



Order no

3131 124 076

HELICAL CABLES

- Production in accordance with the highest automotive standard (IATF16949) certified and continuously monitored by TÜV Rheinland
- Comply with DIN ISO 1185, 12098 and 3731
- Made of high-quality materials with a very high-precision fit, which guarantees easy handling
- Protected against dust and splashed water according to the international standard IP54
- ADR and GGVS hazardous goods transport approvals
- 12 V and 24 V versions
- Optimum resilience
- High resistance to UV and ozone
- High resistance to heat and cold
- Resistant to oil, chemicals and environmental influences
- Installation instructions incl. connection assignment diagram
- Wide product coverage
- High-quality product labelling

8

Lighting and electrics



Helical cable

Number of poles	2
Voltage	24 V
Version	with connectors
Working length	4000 mm
Cross-section	2 x 35 mm ²
Outer ∅	65 mm
Inner ∅	40 mm
Number of turns	2 x 27
Material	polyurethane (PUR)



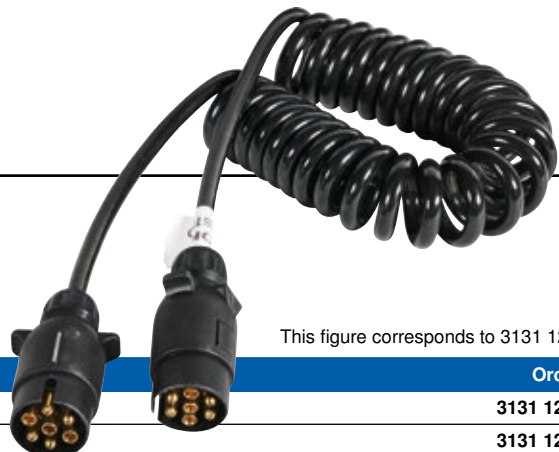
Order no

3131 124 700



Helical cable

Standard	ISO 1724/N-type
Number of poles	7
Voltage	12 V
Cross-section	6 x 1,0 + 1 x 1,5 mm ²
Material	polyurethane (PUR)



This figure corresponds to 3131 124 500

Version	Working length	Outer ∅	Inner ∅	Order no
with plastic connectors	4000 mm	47 mm	30 mm	3131 124 500
with metal connectors	4500 mm	40 mm	20 mm	3131 124 501



Helical cable

with 2 screwed metal plugs, without bend protection

Standard	ISO 1185/N-type on 1724/N-type
Number of poles	7
Voltage	12/24 V
Working length	3500 mm
Cross-section	6 x 1,0 + 1 x 1,5 mm ²
Outer Ø	47 mm
Inner Ø	29 mm
Number of turns	33
Material	polyurethane (PUR)



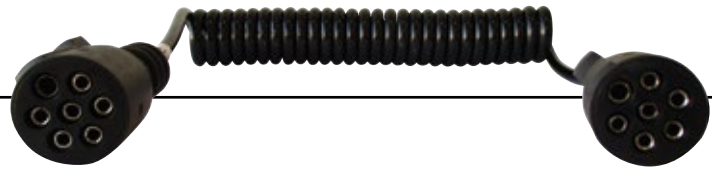
Order no

3131 124 208



Helical cable

Standard	ISO 1185/N-type
Number of poles	7
Voltage	24 V
Material	polyurethane (PUR)



This figure corresponds to 3131 124 200

Version	Working length	Cross-section	Outer Ø	Inner Ø	Number of turns	Order no
with metal connectors	4000 mm	6 x 1,0 + 1 x 1,5 mm ²	40 mm	20 mm	40	3131 124 202
with metal connectors	5500 mm	6 x 1,0 + 1 x 1,5 mm ²	40 mm	20 mm	60	3131 124 203
with plastic connectors	3000 mm	6 x 1,0 + 1 x 1,5 mm ²	47 mm	30 mm	27	3131 124 200
with plastic connectors	4000 mm	6 x 1,0 + 1 x 1,25 mm ²	40 mm	20 mm	40	3131 124 207
with plastic connectors	4000 mm	6 x 1,5 + 1 x 2,5 mm ²	90 mm	70 mm	20	3131 124 303
with plastic connectors	4000 mm	6 x 1,0 + 1 x 1,5 mm ²	40 mm	20 mm	40	3131 124 201



Helical cable

Standard	ISO 3731/S-type
Voltage	24 V
Number of poles	7
Material	polyurethane (PUR)



This figure corresponds to 3131 124 304

Version	Working length	Cross-section	Outer Ø	Inner Ø	Number of turns	Order no
with metal connectors	4000 mm	6 x 1,0 + 1 x 1,5 mm ²	40 mm	20 mm	40	3131 124 302
with metal connectors	5500 mm	6 x 1,0 + 1 x 1,5 mm ²	40 mm	20 mm	41	3131 124 306
with plastic connectors	4000 mm	6 x 1,0 + 1 x 1,5 mm ²	90 mm	70 mm	20	3131 124 304
with plastic connectors	4000 mm	6 x 1,0 + 1 x 1,5 mm ²	40 mm	20 mm	41	3131 124 301
with plastic connectors	4000 mm	6 x 1,0 + 1 x 1,25 mm ²	40 mm	20 mm	40	3131 124 305
with white plastic connectors	3000 mm	6 x 1,0 + 1 x 1,5 mm ²	47 mm	30 mm	27	3131 124 300



EBS helical cable

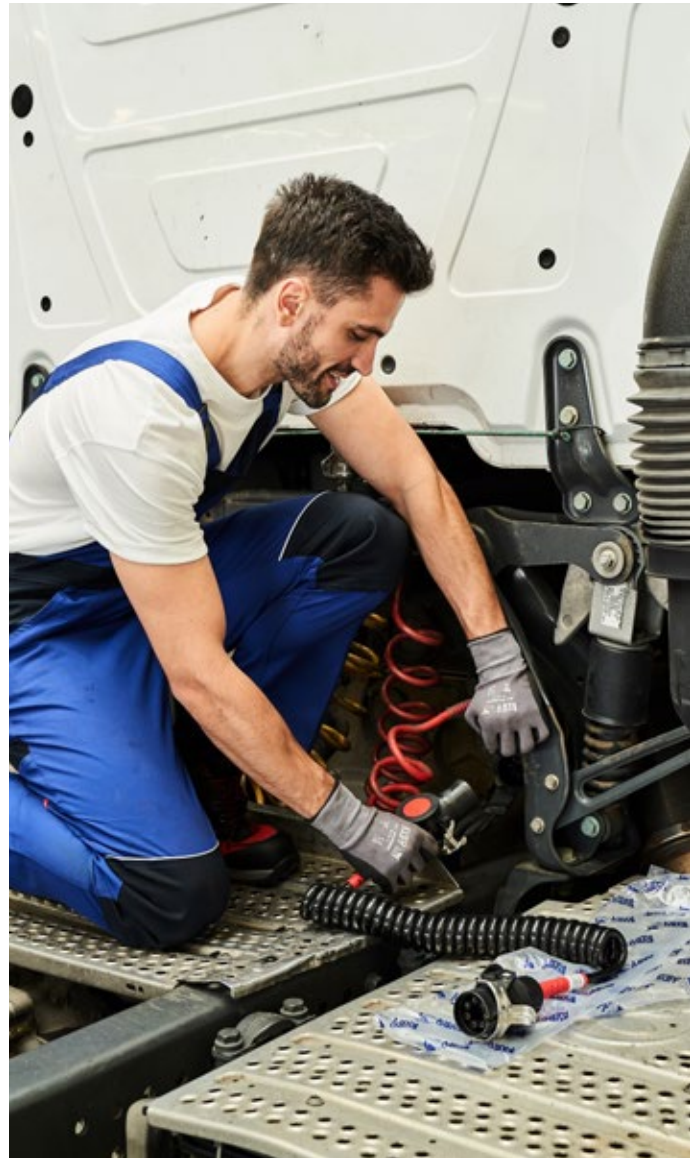
with 2 x 7-pin EBS connectors and anti-kink protection

Standard	ISO 7638-1
Number of poles	7
Voltage	24 V
Working length	4000 mm
Cross-section	5 x 1,5 + 2 x 4 mm ²
Outer Ø	54 mm
Number of turns	31
Material	polyurethane (PUR)

Approved for vehicles in accordance with ADR

Order no

3131 124 601



Helical cable

Standard	ISO 12098
Voltage	24 V
Working length	4000 mm
Outer Ø	60 mm
Inner Ø	30 mm
Number of turns	29
Material	polyurethane (PUR)

This figure corresponds to 3131 124 401

Number of poles	Version	Cross-section	Order no
13	with plastic connectors	10 x 1,5 + 3 x 2,5 mm ²	3131 124 400
15	with plastic connectors and blue anti-kink protection	12 x 1,5 + 3 x 2,5 mm ²	3131 124 401



This figure corresponds to 3131 124 205

Adapter cable

from 15-pin plug (ISO 12098) on towing vehicle to two 7-pin sockets (ISO 1185/N-type + ISO 3731/S-type) on trailer

Standard	ISO 12098 to ISO 1185-N/ISO 3731-S
Number of poles	15-7/7
Voltage	24 V
Working length	4000 mm
Cross-section	(2 x) 6 x 1,0 x 1 x 1,5 mm ²
Outer Ø	40 mm
Number of turns	40
Material	polyurethane (PUR)

Version	Order no
9-way contact assignment	3131 124 205
13-way contact assignment	3131 124 204



Adapter cable

from 15-pin plug (ISO 12098) on towing vehicle to two 7-pin plugs (ISO 1185/N-type + ISO 3731/S-type) on trailer

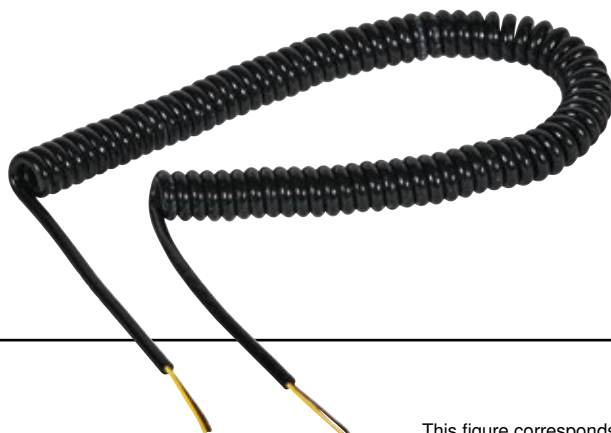
Version	12-way contact assignment
Standard	ISO 12098 to ISO 1185-N/ISO 3731-S
Voltage	24 V
Number of poles	15-7/7
Working length	3500 mm
Cross-section	(2 x) 6 x 1,0 x 1 x 1,5 mm ²
Outer Ø	40 mm
Number of turns	36
Material	polyurethane (PUR)

Order no
3131 124 078



Helical cable

Version without connector
Material polyurethane (PUR)



This figure corresponds to 3131 124 100

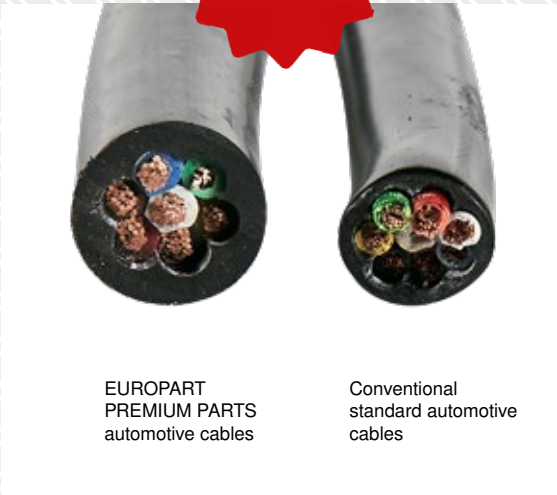
Number of poles	Voltage	Working length	Cross-section	Outer Ø	Inner Ø	Number of turns	Colour	Order no
2	12/24 V	3000 mm	2 x 1,0 mm ²	22 mm	10 mm	78	black	3131 124 100
2	24 V	4000 mm	2 x 35 mm ²	65 mm	40 mm	2 x 27	red/black	3131 124 104
3	12/24 V	3500 mm	3 x 1,0 mm ²	35 mm	20 mm	34	black	3131 124 101
7	12/24 V	3500 mm	6 x 1,0 + 1 x 1,5 mm ²	47 mm	30 mm	33	black	3131 124 103
7	12/24 V	3500 mm	6 x 1,0 + 1 x 1,5 mm ²	90 mm	70 mm	20	black	3131 124 102

EUROPART Premium Parts automotive cables according to standard DIN ISO 6722-1 edition 2011

We have added new PVC automotive cables to our own brand range. Naturally, quality is a top priority here as well: All automotive cables comply with the **standard DIN ISO 6722-1 edition 2011!**

The cables consist of bare, soft-annealed Cu wires and an insulation made of the thermoplastic material PVC (polyvinyl chloride). Our **single-core products** are provided with a standard insulation compliant with the above-mentioned standard (**FLY version**).

The single cores and the outer sheath of our **multi-core sheathed cables** are also equipped with PVC standard insulation (**FLYY version**).



8

Lighting and electrics



Single-core PVC automotive cable FLY

Cross-section	Core colour	Container	Length	Order no
1 x 1,0 mm ²	■	Coil	100 m	3131 800 001
1 x 1,0 mm ²	■	Coil	100 m	3131 800 000
1 x 1,5 mm ²	■	Coil	100 m	3131 800 007
1 x 1,5 mm ²	■	Ring	50 m	3131 800 005
1 x 1,5 mm ²	■	Coil	100 m	3131 800 006
1 x 1,5 mm ²	■	Ring	50 m	3131 800 002
1 x 1,5 mm ²	■	Coil	100 m	3131 800 003
1 x 1,5 mm ²	□	Coil	100 m	3131 800 004
1 x 2,5 mm ²	■	Ring	50 m	3131 800 013
1 x 2,5 mm ²	■	Coil	50 m	3131 800 026
1 x 2,5 mm ²	■	Coil	50 m	3131 800 012

Cross-section	Core colour	Container	Length	Order no
1 x 4,0 mm ²	■	Ring	50 m	3131 800 019
1 x 4,0 mm ²	■	Coil	25 m	3131 800 020
1 x 4,0 mm ²	■	Ring	50 m	3131 800 018
1 x 6,0 mm ²	■	Ring	50 m	3131 800 024
1 x 6,0 mm ²	■	Ring	50 m	3131 800 023
1 x 10,0 mm ²	■	Ring	50 m	3131 800 009
1 x 10,0 mm ²	■	Ring	50 m	3131 800 008
1 x 16,0 mm ²	■	Ring	50 m	3131 800 010
1 x 25,0 mm ²	■	Ring	50 m	3131 800 014
1 x 35,0 mm ²	■	Ring	50 m	3131 800 016
1 x 50,0 mm ²	■	Ring	50 m	3131 800 021



Supply cable

Voltage 24 V
 Cross-section 5 x 1,5 + 2 x 4 mm²
 Version multi-core
 Material PU

Application range
 for vehicles with EBS (ISO 7638)

Core colour	Length	Container	Order no
■/■/■-■/■-■/■-■/■	25 m	Ring	3131 800 882
■/■/■-■/■-■/■-■/■	50 m	Ring	3131 800 881



Cable holder

Version self-adhesive
 Contents 100 pieces
 Material polyamide 6.6
 Colour natural

Order no
1191 111 000

Read online now:

EUROPART – Competence in electrics

In our brochure, you will find 52 pages of concentrated competence on the subject of electrics:

- More than 300 articles on 52 pages
- Universal plug connections
- Coiled cables
- Automotive cables and many more.

We would be pleased to answer any questions you may have!

For further information, please contact your EUROPART branch. Ask for additional languages!



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





**Multi-core PVC automotive cables
FLYY**

Cross-section	Core colour	Container	Length	Order no
2 x 0,75 mm ²	■/■	Ring	200 m	3131 800 028
2 x 0,75 mm ²	■/■	Ring	100 m	3131 800 029
2 x 1,0 mm ²	■/■	Ring	50 m	3131 800 030
2 x 1,5 mm ²	■/■	Ring	50 m	3131 800 034
2 x 1,5 mm ²	■/■	Ring	50 m	3131 800 031
2 x 1,5 mm ²	■/■	Ring	25 m	3131 800 032
2 x 2,5 mm ²	■/■	Ring	50 m	3131 800 037
3 x 1,5 mm ²	■/■/■	Ring	50 m	3131 800 040
4 x 0,75 mm ²	■/□/■/■	Ring	200 m	3131 800 042
4 x 0,75 mm ²	■/■/□/■	Ring	200 m	3131 800 043
4 x 1,0 mm ²	■/□/■/■	Ring	50 m	3131 800 044
4 x 1,5 mm ²	■/□/■/■	Ring	50 m	3131 800 045
5 x 1,0 mm ²	■/□/■/■/■	Ring	50 m	3131 800 046
5 x 1,5 mm ²	■/□/■/■/■	Ring	50 m	3131 800 047
7 x 0,75 mm ²	■/■/■/□/■/■/■	Ring	200 m	3131 800 049
7 x 1,0 mm ²	■/■/■/□/■/■/■	Ring	50 m	3131 800 050
7 x 1,5 mm ²	■/■/■/□/■/■/■	Ring	50 m	3131 800 051
8 x 1,5 mm ²	■/■/■/■/□/■/■/■	Ring	50 m	3131 800 052
9 x 1,5 + 4 x 2,5 mm ²	■/■/■/■/■/□/□-■/□-■/□-■/■-□	Ring	25 m	3131 800 053
12 x 1,5 + 3 x 2,5 mm ²	■/■/■/■/■/□/□-■/□-■/□-■/□-■/□/■/■/■	Ring	25 m	3131 800 054



**PVC flat pipes
for speakers and stereo systems, XYFAZ**

Cross-section	Core colour	Container	Length	Order no
2 x 0,75 mm ²	■/■-■	Ring	50 m	3131 800 027
2 x 1,5 mm ²	■/■	Ring	50 m	3131 800 033



**PVC flat vehicle cable
FLFYY**

Cross-section	Core colour	Container	Length	Order no
2 x 2,5 mm ²	■/■	Ring	50 m	3131 800 036

Automotive cables (by the metre)

Application:

Cables are required everywhere in a vehicle where electric current flows from A to B. Their design, size, material and version are determined by the requirements to be met in terms of voltage, current and frequency, and by the ambient conditions to which the cable is exposed.

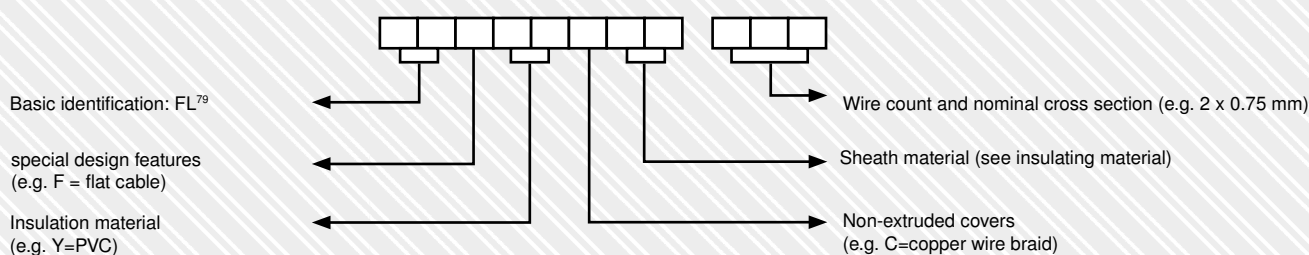
Advantages of the range:

- Vehicle cables in accordance with ISO 6722
- Wide range for numerous possible uses



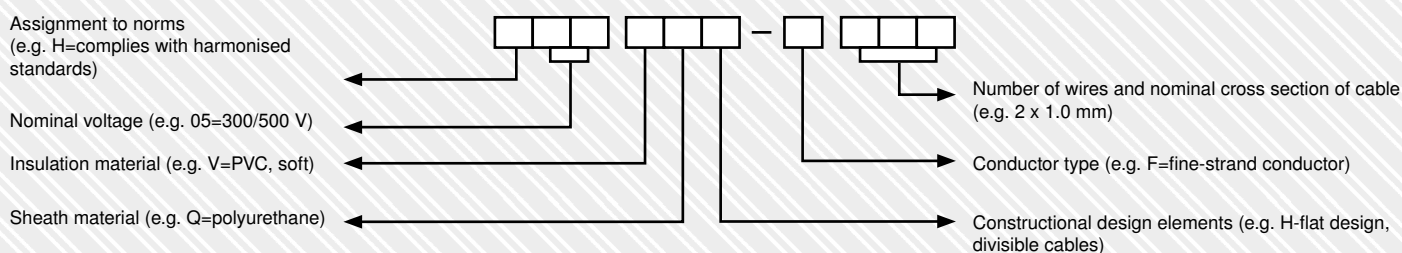
Short designations of vehicle cables

Depiction of the coding certified to DIN 76722



1. block (basic identification)		2. block (design features)		3. block (insulating material and sheath material)	
FL	Vehicle cable	F	Flat cable	Y	PVC
		R	Reduced wall thickness	X	PVC-X (X=networked)
		Z	Multi-wire detachable cable	11Y	PUR

Illustration of the coding in accordance with DIN VDE 0292



1. block (standard assignment)		2. block (rated voltage)		3. block (insulating material and sheath material)		4. block (conductor type)	
H	Harmonised	1	100/100 V	V	PVC, soft	F	Fine-strand conductor of a flexible cable (flexibility complies with EN 60228)
A	Not harmonised, national	3	300/300 V	R	Ethylene-propylene rubber or similar synthetic elastomer		
		5	300/500 V				
		7	450/750 V	N2	Special polychlorophene rubber mixture for covering of weld cables in accordance with HD 22.6	D	Fine-strand conductor for weld cables certified to HD 22.6

HEAT SHRINK TUBES

- Production certified to the highest automotive standard (IATF 16949) and continuously monitored by independent institutions
- Double-walled cross-linked co-extruded polyolefin with adhesive coating
- Complies with SAE-AMS-DTL-23053/4 and the RoHS directives
- Approvals: UL224 125 °C VW-1 600 V file E204071
- Shrink rate: 3:1
- Operating temperature -55 to +125 °C
- Min. shrink temperature +70 °C
- Min. temperature for complete shrinkage +110 °C
- Optimum sealing and insulation properties
- Very high flame retardancy
- Very high UV resistance
- Available in sections or on a roll in a dispenser box



Heat shrink tube

Version double-walled, with adhesive
 Length 30 cm
 Colour black

Shrink rate 3:1

∅	Contents	Order no
3,0-1,0 mm	20 pieces	1191 104 618
4,8-1,5 mm	16 pieces	1191 104 619
6,0-2,0 mm	13 pieces	1191 104 620
9,0-3,0 mm	11 pieces	1191 104 621
12,0-4,0 mm	9 pieces	1191 104 622
18,0-6,0 mm	7 pieces	1191 104 623
24,0-8,0 mm	5 piece	1191 104 624



Heat shrink tube

Version double-walled, with adhesive
 Colour black
 Contents 1 pieces

Shrink rate 3:1

∅	Length	Order no
3,0-1,0 mm	10 m	1191 104 611
4,8-1,5 mm	5 m	1191 104 612
6,0-2,0 mm	5 m	1191 104 613
9,0-3,0 mm	5 m	1191 104 614
12,0-4,0 mm	5 m	1191 104 615
18,0-6,0 mm	3 m	1191 104 616
24,0-8,0 mm	3 m	1191 104 617



Crimp connector

Plug type female spade connector
Version part-insulated

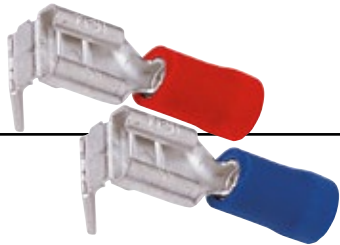


Dimension	Cable cross-section	Colour	Contents	Order no
6,3 x 0,8 mm	0,5-1,0 mm ²	red	100 pieces	0813 807 114
2,8 x 0,5 mm	0,5-1,5 mm ²	red	100 pieces	1198 800 072
2,8 x 0,8 mm	0,5-1,5 mm ²	red	100 pieces	1198 800 097
4,8 x 0,5 mm	0,5-1,5 mm ²	red	100 pieces	1198 800 074
6,3 x 0,8 mm	0,5-1,5 mm ²	red	100 pieces	1198 800 076
4,8 x 0,5 mm	1,5-2,5 mm ²	blue	100 pieces	1198 800 077
4,8 x 0,8 mm	1,5-2,5 mm ²	blue	100 pieces	1198 800 078
6,3 x 0,8 mm	1,5-2,5 mm ²	blue	100 pieces	1198 800 080
8,0 x 0,8 mm	1,5-2,5 mm ²	blue	50 pieces	1198 800 081
6,3 x 0,8 mm	4,0-6,0 mm ²	yellow	50 pieces	1198 800 083
9,5 x 1,2 mm	4,0-6,0 mm ²	yellow	50 pieces	1198 800 085



Crimp connector

Plug type spade distributor
Version part-insulated, 2-way
Dimension 6,3 x 0,8 mm
Contents 50 pieces

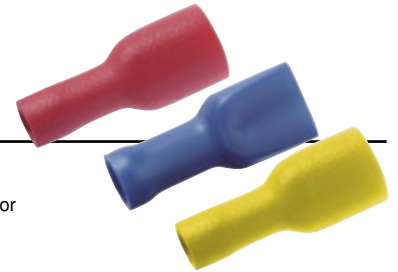


Cable cross-section	Colour	Order no
0,5-1,5 mm ²	red	1198 800 093
1,5-2,5 mm ²	blue	1198 800 095



Crimp connector

Plug type female spade connector
Version fully insulated
Dimension 6,3 x 0,8 mm
Contents 50 pieces

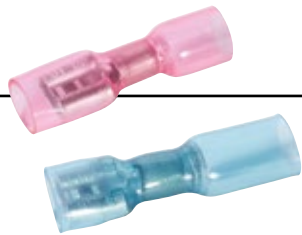


Cable cross-section	Colour	Order no
0,5-1,5 mm ²	red	1198 800 087
1,5-2,5 mm ²	blue	1198 800 089
4,0-6,0 mm ²	yellow	1198 800 091



Crimp connector with shrink insulation

Plug type female spade connector
Version fully insulated
Dimension 6,3 x 0,8 mm
Contents 25 pieces

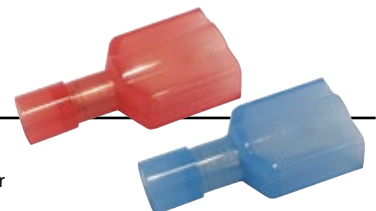


Cable cross-section	Colour	Order no
0,5-1,5 mm ²	red	1198 800 184
1,5-2,5 mm ²	blue	1198 800 185



Crimp connector

Plug type female spade connector
Version fully insulated
Dimension 6,3 x 0,8 mm
Contents 50 pieces

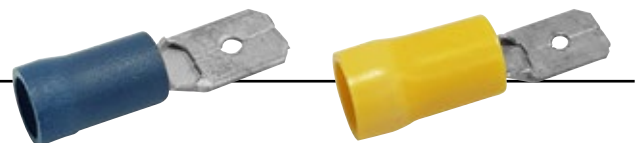


Cable cross-section	Colour	Order no
0,5-1,5 mm ²	red	1198 800 172
1,5-2,5 mm ²	blue	1198 800 173



Crimp connector

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



Cable cross-section	Colour	Contents	Order no
1,5-2,5 mm ²	blue	100 pieces	1198 800 100
4,0-6,0 mm ²	yellow	50 pieces	1198 800 101



Crimp connector

Plug type round connector
Version part-insulated

Cable cross-section	∅	Colour	Contents	Order no
0,5-1,5 mm ²	4 mm	red	100 pieces	1198 800 103
1,5-2,5 mm ²	5 mm	blue	100 pieces	1198 800 106
4,0-6,0 mm ²	5 mm	yellow	50 pieces	1198 800 107



Crimp connector

Plug type female round connector
Version fully insulated
Contents 50 pieces

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



Crimp connector

Plug type ring connector
Version part-insulated



Cable cross-section	Colour	Connection thread	Contents	Order no
0,5-1,5 mm ²	red	M3	100 pieces	1198 800 115
0,5-1,5 mm ²	red	M4	100 pieces	1198 800 117
0,5-1,5 mm ²	red	M5	100 pieces	1198 800 119
0,5-1,5 mm ²	red	M6	100 pieces	1198 800 120
0,5-1,5 mm ²	red	M10	50 pieces	1198 800 122
1,5-2,5 mm ²	blue	M3	100 pieces	1198 800 123
1,5-2,5 mm ²	blue	M4	100 pieces	1198 800 125
1,5-2,5 mm ²	blue	M6	100 pieces	1198 800 129

Cable cross-section	Colour	Connection thread	Contents	Order no
1,5-2,5 mm ²	blue	M6	100 pieces ¹	3076 042 026
1,5-2,5 mm ²	blue	M8	50 pieces	1198 800 132
1,5-2,5 mm ²	blue	M10	50 pieces	1198 800 133
4,0-6,0 mm ²	yellow	M4	50 pieces	1198 800 134
4,0-6,0 mm ²	yellow	M5	50 pieces	1198 800 135
4,0-6,0 mm ²	yellow	M6	50 pieces	1198 800 136
4,0-6,0 mm ²	yellow	M8	50 pieces	1198 800 138
4,0-6,0 mm ²	yellow	M10	50 pieces	1198 800 139

¹ According to DIN



Crimp connector

Plug type fork head
Version part-insulated



Cable cross-section	Colour	Connection thread	Contents	Order no
0,5-1,5 mm ²	red	M4	100 pieces	1198 800 141
0,5-1,5 mm ²	red	M6	100 pieces	1198 800 143
1,5-2,5 mm ²	blue	M5	100 pieces	1198 800 150
4,0-6,0 mm ²	yellow	M6	50 pieces	1198 800 148



Crimp connector

Plug type pin sleeve
Version part-insulated
Cable cross-section 1,5-2,5 mm²
∅ 2 mm
Colour blue
Contents 25 pieces



Order no
1198 800 152



Crimp connector

Plug type butt joint connector
Version fully insulated

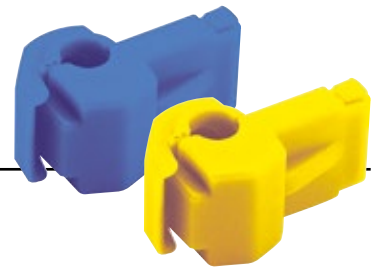


Cable cross-section	Colour	Contents	Order no
0,5-1,5 mm ²	red	100 pieces	1198 800 155
1,5-2,5 mm ²	blue	100 pieces	1198 800 158
4,0-6,0 mm ²	yellow	50 pieces	1198 800 161



Crimp connector

Plug type branch connector
Version fully insulated

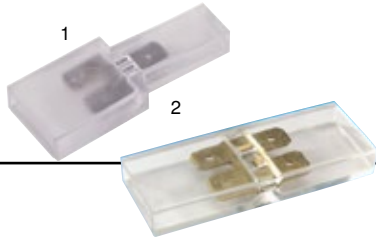


Cable cross-section	Colour	Contents	Order no
1,5-2,5 mm ²	blue	50 pieces	1198 800 170
1,0-2,5 mm ²	blue	25 pieces	1198 800 168
4,0-6,0 mm ²	yellow	25 pieces	1198 800 171



Cable connector

Plug type spade distributor
Contents 10 pieces



Version	Fig.	Order no
coupling plug, 3-way	1	1198 800 165
coupling plug, 4-way	2	1198 800 164



Cable connector assortment plug connector

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



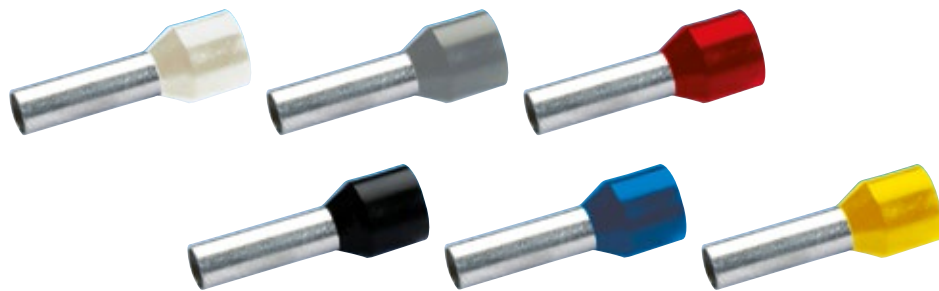
Scope of supply
10 x branch connectors EP 1198 800 170
10 x flat connectors EP 1198 800 173

Order no
1198 800 174



Crimp connector cable end sleeves

Plug type cable end sleeve
Version part-insulated



Dimension	Cable cross-section	∅	Length	Colour	Contents	Order no
0,5 x 6 mm	0,5 mm ²	1/2,6 mm	8/14 mm	white	100 pieces	1198 800 175
0,75 x 8 mm	0,75 mm ²	1,2/2,8 mm	8/14 mm	grey	100 pieces	1198 800 176
1 x 8 mm	1 mm ²	1,4/3,0 mm	8/14 mm	red	100 pieces	1198 800 177
1,5 x 8 mm	1,5 mm ²	1,7/3,5 mm	8/14 mm	black	100 pieces	1198 800 178
2,5 x 8 mm	2,5 mm ²	2,2/4,2 mm	8/14 mm	blue	100 pieces	1198 800 179
4 x 10 mm	4,0 mm ²	2,8/4,8 mm	10/17 mm	grey	50 pieces	1198 800 180
6 x 12 mm	6,0 mm ²	3,5/6,3 mm	12/20 mm	yellow	100 pieces	1198 800 181
10 x 12 mm	10,0 mm ²	4,5/7,6 mm	12/22 mm	red	100 pieces	1198 800 182
16 x 12 mm	16,0 mm ²	5,8/8,8 mm	12/24 mm	blue	50 pieces	1198 800 183



Crimp connector With shrink insulation

Plug type ring connector
Version part-insulated
Contents 25 pieces



¹ according to DIN

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	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



Crimp connector with shrink insulation

Plug type spade connector
Version part-insulated
Dimension 6,3 x 0,8 mm
Contents 25 pieces



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



Crimp connector with shrink insulation

Plug type butt joint connector
Version fully insulated
Contents 25 pieces

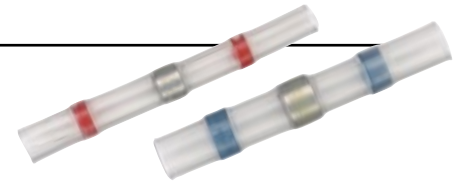


Cable cross-section	Colour	Order no
0,5-1,5 mm ²	red	1198 801 198
1,5-2,5 mm ²	blue	1198 801 199
4,0-6,0 mm ²	yellow	1198 800 200



Solder connector

Plug type shrink connector
Version fully insulated
Length 42 mm
Contents 25 pieces

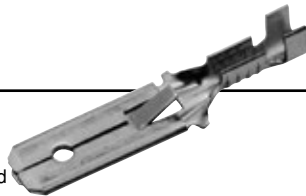


Cable cross-section	∅	Colour	Order no
0,8-2,0 mm ²	2,7 mm	red	1198 800 201
2,0-4,0 mm ²	4,5 mm	blue	1198 800 202



Crimp connector

Plug type spade connector
Version tin-plated, not insulated
Dimension 6,3 x 0,8 mm
Cable cross-section 1,0-2,5 mm²
Contents 100 pieces



Order no
1198 800 208



Crimp connector

Plug type female spade connector
Version uninsulated, without locking
Dimension 6,3 x 0,8 mm
Contents 100 pieces



Cable cross-section	Order no
0,5-1,0 mm ²	1198 800 204
1,0-2,5 mm ²	1198 800 207
1,5-2,5 mm ²	1198 800 206



Cable connector

Plug type plug distributor, 3-way
Dimension 6,3 x 0,8 mm
Version no insulation
Material brass
Surface bright
Contents 100 pieces



Order no
1198 800 210



Crimp connector

Plug type plug distributor, 2-way
Version no insulation
Dimension 6,3 x 0,8 mm
Cable cross-section 0,75-1,5 mm²
Material brass
Surface bright
Contents 100 pieces



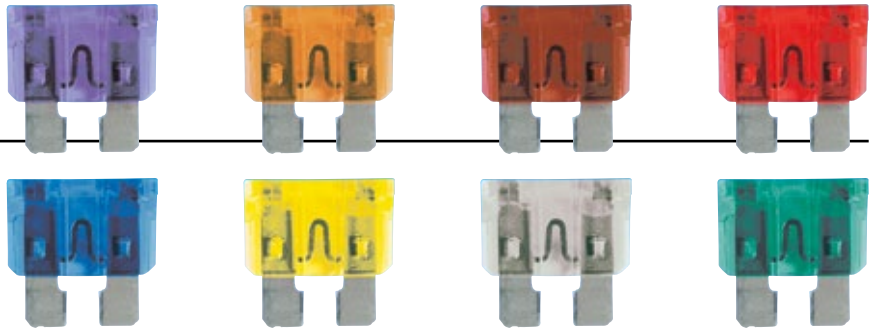
Order no
1198 800 209



Blade fuse

ATO

Width 19,05 mm
Height 18,54 mm
Thickness 5 mm
Contents 50 pieces



Electric current	Colour	Order no
3 A	violet	1198 800 012
5 A	light brown	1198 800 014
7,5 A	brown	1198 800 015
10 A	red	1198 800 016

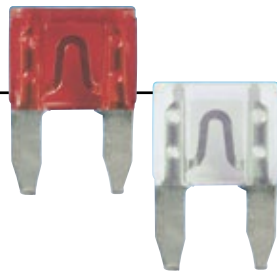
Electric current	Colour	Order no
15 A	blue	1198 800 017
20 A	yellow	1198 800 018
25 A	natural	1198 800 019
30 A	green	1198 800 008



Blade fuse

Mini

Width 10,9 mm
Height 16,3 mm
Thickness 3,8 mm
Contents 50 pieces



Electric current	Colour	Order no
5 A	light brown	1198 800 025
25 A	natural	1198 800 030



Blade fuse

Maxi

Width 29,7 mm
Height 33,9 mm
Thickness 9,1 mm
Contents 10 pieces



Electric current	Colour	Order no
40 A	orange	1198 800 040
50 A	red	9501 002 870
60 A	blue	1198 800 042



Fuse

Torpedo fuse

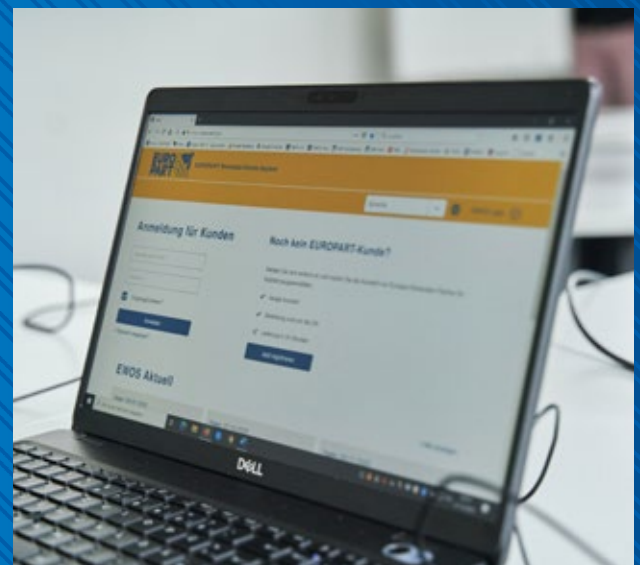
Electric current 16 A
∅ 6 mm
Length 25 mm



Colour red
Contents 100 pieces

Order no

2300 032 226



EWOS technology online – Basic service package

- Maintenance plans and maintenance interval display (commercial vehicles and passenger cars)
- Working times (commercial vehicles and passenger cars)

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3.0





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Garage equipment

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General workshop requirements	240–245



WE JUST DO!

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Everything from a single source – a comprehensive range, personal on-site advice, various financing options and first-class service for your workshop: Benefit from our direct proximity to the market and a strong bundle of expertise.

- **Individual advice, taking into account budget, customer wishes and legal requirements.**

- **Expert support for workshop planning, no matter whether it's a conversion, extension or new build**

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VANESSA SCHÖTTLER,
Head of CC Workshop Equipment

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WHAT WE DO!*

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and learn more





Battery charger

professional charger for 12 and 24 V batteries, polarity reversal protection, multi-level charging process, built-in ventilator protects against overheating, supply mode, with boost function to remove sulphate

Voltage	230 V
Charge voltage	12/24 V
Charge current, max.	25 A
Length x width x height	305 x 135 x 70 mm
Weight	2220 g
Protection class	IP44

Battery capacity 12 V: 50-450 Ah (charging), 50-500 Ah (maintenance)
 Battery capacity 24 V: 25-230 Ah (charging), 25-230 Ah (maintenance)

Application range

for all standard vehicle batteries (WET/MF/GEL/EFB/AGM/Ca-Ca)

Scope of supply

equipped with brackets and eyelets



Order no

9539 111 640

9

Garage equipment

Start booster

12/24 V

with digital voltmeter, fully automatic charging process, lead batteries, fully insulated, heavy brass clamps, fuse integrated in red pliers, polarity inversion alarm, selector switch 12/24 V, shockproof housing

Version	portable
Start-up current	12 V: 2340 A, 24 V: 1170 A
Cable length	150 cm
Cable cross-section	50 mm ²
Capacity	12 V: 25 Ah, 24 V: 25 Ah
Weight	28.54 kg

Battery

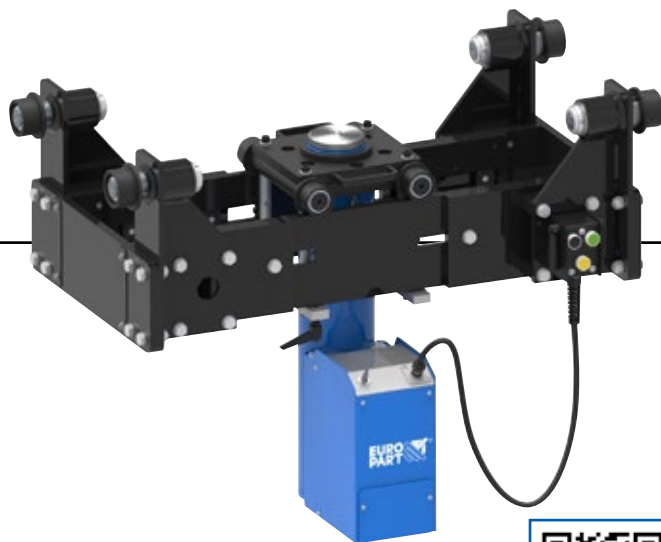
Scope of supply

1 x charger with mains plug (230 V), 1 x charging cable for charging via the cigarette socket in the vehicle (12 V), 1 x spare fuse for the charger, 1 x spare fuse for the start booster

Please recharge 24 hours before the first use.

Order no

9539 111 643



Pit jack hydropneumatic

hydraulic fast lift, Venturi system allows a fast retraction of the piston with and without load, air in the piston is avoided, chrome-plated pistons and special seals ensure a long-lasting and low-maintenance function, corrosion in the piston almost impossible due to the lack of air, up and down push button, splash-proof, long pump life due to integrated air filter

Version	suspended	Compressed air connection	1/4"
Seat-Ø	55 mm	Air consumption	600 l/min
Load capacity	20 t	Width	350 mm
Piston stroke	800 mm	Depth	550 mm
Operating pressure	8-10 bar		

Scope of supply
including suspension

**Today, many modern vehicles must be raised at 2 points.
Check the use of axle traverses!**

When ordering, please complete the dimensions sheet!



Model	Technical data	Order no
EP20t-K	Retracted construction height: 975 mm Pit width: 850-1010 mm Lower edge of roller to upper edge of the semi-trailer: 0 mm	9539 111 020
EP20t-L	Retracted construction height: 975 mm Pit width: 990-1150 mm Lower edge of roller to upper edge of the semi-trailer: 0 mm	9539 111 021



This figure corresponds to
9539 650 100

Jack hydraulic

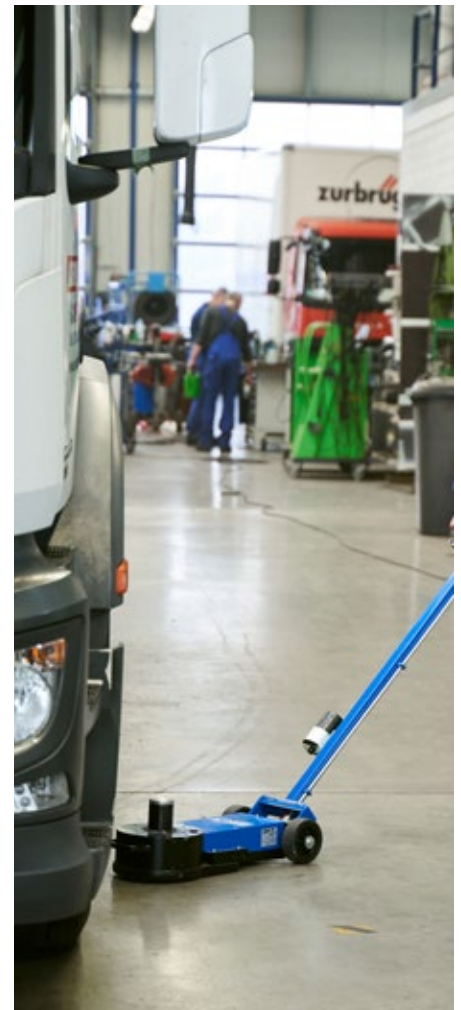
with safety valve against overload, use vertical, with extension threaded spindle, completely welded design, with piston guidance for maximum load, pumping rod can be dismantled into 3 pieces

Temperature range -20 to +70 °C

TÜV/GS-tested, CE tested

Load capacity	Lifting height	Stroke	Spindle adjustment	Weight	Order no
2 t	170-365 mm	115 mm	80 mm	3,1 kg	9539 650 100
5 t	212-462 mm	150 mm	100 mm	5,1 kg	9539 650 104
8 t	220-480 mm	150 mm	110 mm	6,6 kg	9539 650 106
10 t	220-480 mm	150 mm	110 mm	7,1 kg	9539 650 108
12 t	230-495 mm	155 mm	110 mm	8,3 kg	9539 650 110
15 t	230-495 mm	155 mm	110 mm	9,3 kg	9539 650 112
20 t	242-520 mm	168 mm	110 mm	11,9 kg	9539 650 114
30 t	244-492 mm	140 mm	108 mm	21,7 kg	9539 650 118





Jack air-hydraulic

EUROPART own-brand jacks are manufactured from special materials which guarantee their function, quality and breaking strength, even in the most extreme situations.

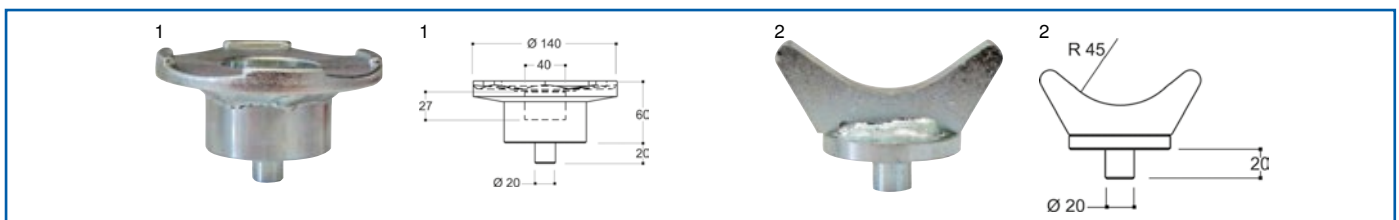
Pressure range 8-10 bar

Scope of supply
2 adapters



Model	Load capacity	Lifting height	Weight	Fig.	Version	Order no
EP 214 mobil	20/10 t	140-306 mm	15 kg	1	1	9539 650 200
EP 24 T	24 t	215-541 mm	34 kg	2		9539 650 207
EP 215 N	40/20 t	150-300 mm	39 kg	3		9539 650 201
EP 222 N	60/30 t	220-450 mm	71 kg	4		9539 650 202
EP 312	60/30/15 t	120-255 mm	50 kg	5		9539 650 203
EP 330 S	80/50/25 t	310-824 mm	103 kg	6		9539 650 225

¹ mobile



Accessories

Description	Fig.	Order no
Saddle, load capacity 80 t	1	9539 650 205
V-saddle, load capacity 80 t	2	9539 650 206

¹ for all models, except EP 24 T



This figure corresponds to 9539 111 005

Hydraulic jack

sturdy frame structure with reinforcements for heavy-duty tasks, safe and precise control during lifting and lowering, double movement during lowering (first pulling then turning) provides extra safety against unintentional lowering, directly controlled trigger, compact design, ergonomically shaped handle, quick-lift foot pedal, dampened castors



Model	Load capacity	Lifting height	Version	Weight	Order no
EP 13HLQ	1,3 t	80-735 mm	long stroke, quick lift foot pedal	39 kg	9539 111 005
EP 20Q	2 t	80-495 mm	quick lift foot pedal	31 kg	9539 111 001
EP 20HLQ	2 t	80-795 mm	long stroke, quick lift foot pedal	49 kg	9539 111 006
EP 40Q	4 t	140-600 mm	quick lift foot pedal	95 kg	9539 111 002
EP 50HLQ	5 t	150-975 mm	long stroke, quick lift foot pedal	170 kg	9539 111 007
EP 60Q	6 t	140-600 mm	quick-lift foot pedal	96 kg	9539 111 003
EP 100Q	10 t	150-585 mm	quick lift foot pedal	118 kg	9539 111 004



Accessories

Description	Suitable for	Fig.	Order no
Retrofit set pneumatic wheels	Hydraulic jack EP 40Q, EP50HLQ, EP 60Q, EP 100Q	1	9539 360 550
Extension 100 mm	Hydraulic jack EP 20, EP 20Q, EP 13HLQ, EP 20HLQ	2	9539 360 551
Extension 125 mm	Hydraulic jack EP 40Q, EP 60Q, EP 100Q, EP 120Q, EP 50HLQ	3	9539 360 552
Axle traverse load capacity 1 t	Hydraulic jack EP 20, EP 20Q, EP 13HLQ, EP 20HLQ	4	9539 360 553
Rubber coating	Hydraulic jack EP 20, EP 20Q, EP 13HLQ, EP 20HLQ	5	5322 520 152



Transmission jack

EP 1000

easy operation by foot-operated pump and accurate lowering facility, safety valve against overload

Version	hydraulic	Width	550 mm
Load capacity	1 t	Wheel Ø	125 mm
Lifting height	1170-2000 mm	Weight	40 kg

Scope of supply

with gear crown, with S-semi-trailer



Order no

9539 111 250



9



Tyre inflation cage

- safe inflation of unpressurised as well as pressurised tyres, in accordance with the recommendations of the "Tyre Fitting" working group of the employers' liability insurance association
- made of simplex wire mesh, of single-layer expanded metal
- door included
- ideal in combination with a tyre inflation computer, can be mounted on the cage
- maximum tyre size: height 1150 mm, width 550 mm

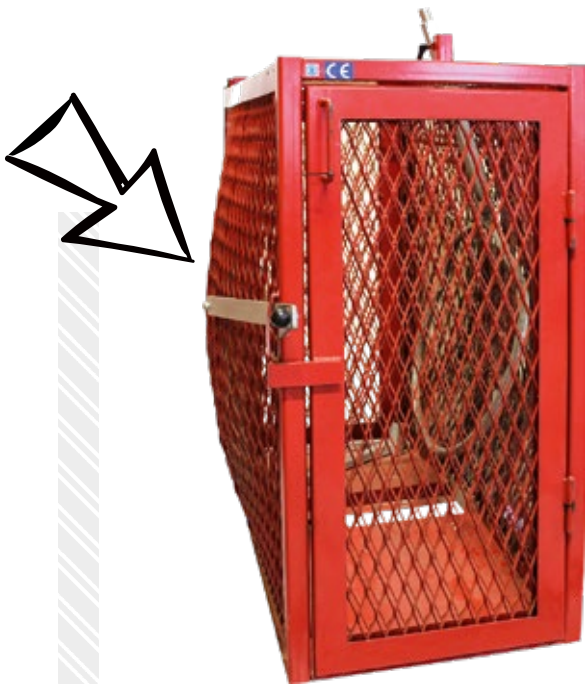
Width 690 mm
 Height 1250 mm
 Depth 1270 mm

Application range
 truck and bus tires



Order no

9539 111 901



When the tyres are filled there is a high accident risk for garage personnel. The reasons are, for example, installation of already damaged tyres, damage to the tyre bead from installation, insufficient control of lock and side rings of multi-part rims, damaged rims (e.g. from rust, wear, cracks, deformation etc.) or from exceeding the highest filling pressure.

The forces at work when a tyre blows out (deformation forces on a tyre inflation cage) are clarified in the picture.



Tyre inflation computer

fully automatic tyre inflation computer, simple and fast operation, can be mounted on a tyre inflation cage, three programmes for different settings of overpressure, approved for inflation with nitrogen

Pressure 12 bar

Application range

truck, transporter, car, motorcycle and construction-machine tires



Order no

9539 111 900

Accessories

Description

Bracket for mounting on tyre inflation cage

Order no

9539 111 902



Wheel dolly

EP Wheel Dolly

for rolling, turning, lifting and lowering, easy disassembly and assembly of truck wheels, with 3 different roller setting options depending on tyre size, usage prevents damage to wheel studs and rims

Load capacity 220 kg

Suitable for wheel sizes from 6.5" to 22.5"

Application range

also ideal for mobile service



Order no

9539 111 905



Tyre shelf for passenger car and transporter tires

safe, space-saving and material-friendly storing of tires with and without rims, for sizes up to 650 mm diameter, fast fitting thanks to the screwless insertion system, can be combined in any order, also with EUROPART storage shelf 9539 094 952-954, with 3 storage levels

Height 2000 mm
Depth 400 mm
Surface galvanised



Version	Width	Technical data	Order no
basic shelf unit	1150 mm	Tires per level: 4 x 255 mm Standard rim: 7 ½ J Tires per rack: 12	9539 094 965
add-on shelf unit	1150 mm	Tires per level: 4 x 255 mm Standard rim: 7 ½ J Tires per rack: 12	9539 094 966
basic shelf unit	1300 mm	Tires per level: 4 x 285 mm Standard rim: 9 J Tires per rack: 12	9539 094 962
add-on shelf unit	1300 mm	Tires per level: 4 x 285 mm Standard rim: 9 J Tires per rack: 12	9539 094 963



Tyre mounting paste/ tyre mounting cream



Version	Contents	Container	Colour	Order no
Tyre mounting paste	5 kg	bucket	white	9245 669 165
Tyre mounting cream	5 kg	bucket	yellow	9245 669 166

Regrooving tyres is economical and efficient.

The wear and tear of commercial vehicle tyres is a considerable cost factor in today's world, especially in freight forwarding companies. regrooving tyre treads is a more economical and efficient solution that can extend the life of a truck tyre by up to 25 %. Not only does this represent a major saving, but it also protects the environment and ensures companies get a significant increase in performance.

Regroovable truck tyres are marked on the sidewall with the word "regroovable". A good time to regroove tyres and thus extend the running time is when the tyres have worn down to 3 mm. Regrooving can give an additional tread depth of up to 4 mm. It should be noted that a residual base thickness of 2 mm must be maintained (see § 36 explanation 6 StVZO (German Road Traffic Licensing Regulations)). In addition, it is pointed out that this work may only be carried out by competent and trained personnel.



Tyre grooving machine

for recutting truck and bus tyre treads, ergonomically designed handle, four-stage rotary dial regulates performance level, illuminated on/off switch, with EN-connection

Version 4-stage

Voltage 230 V

Cutting width 3-28 mm, cutting depth 7-12 mm

Scope of supply

without cutter

Safety instruction

For safety reasons, only original EUROPART tread cutters can be used!

TÜV and CE certified



Order no

9539 111 905

Accessories

Description	Order no
Cutting blade set, angle-type, W1, cutting depth, max. 7 mm, cutting width, max. 3-5 mm	9539 111 906
Cutting blade set, angle-type, W2, cutting depth, max. 7 mm, cutting width, max. 5-6 mm	9539 111 907
Cutting blade set, angle-type, W3, cutting depth, max. 10 mm, cutting width, max. 7-10 mm	9539 111 908
Cutting blade set, angle-type, W4, cutting depth, max. 12 mm, cutting width, max. 9-13 mm	9539 111 909
Cutting blade set, angle-type, W5, cutting depth, max. 12 mm, cutting width, max. 11-15 mm	9539 111 910
Cutting blade set, angle-type, W6, cutting depth, max. 12 mm, cutting width, max. 23-28 mm	9539 111 911
Cutting blade set, round shape, R1, cutting depth, max. 7 mm, cutting width, max. 3-5 mm	9539 111 912
Cutting blade set, round shape, R2, cutting depth, max. 7 mm, cutting width, max. 5-8 mm	9539 111 913
Cutting blade set, round shape, R3, cutting depth, max. 10 mm, cutting width, max. 6-15 mm	9539 111 914
Cutting blade set, round shape, R4, cutting depth, max. 12 mm, cutting width, max. 8-16 mm	9539 111 915
Cutting blade set, round shape, R5, cutting depth, max. 12 mm, cutting width, max. 10-18 mm	9539 111 916



Air-conditioning service unit

automatic leak detection, measurement of refrigerant equipped with electronic scale, timer controlled oil injection, automatic maintenance control (database) or manual maintenance control available, report on SD card, printout report on service performed (optional), blue LCD display 4 x 20, backlit with good readability, control database and services performed by SD card, filling accuracy +/- 15 g, single stage vacuum pump 100 l/min, scale interlock, multilingual software, thermal printer (optional), two manual valves for service hoses

Tank contents 10 kg

Vacuum pump pressure: 100 l/m, single stage

Final pressure: 0.05 mbar

Application range

trucks, passenger cars, agricultural vehicles

Scope of supply

truck, passenger car and agri vehicle database on SD card, manual on CD

This figure corresponds to 9539 111 134

Version	Weight	Order no
pre-equipped for refrigerant R134a	119 kg	9539 111 134
pre-equipped for refrigerant R1234yf	109 kg	9539 111 234



Air-conditioning service sticker

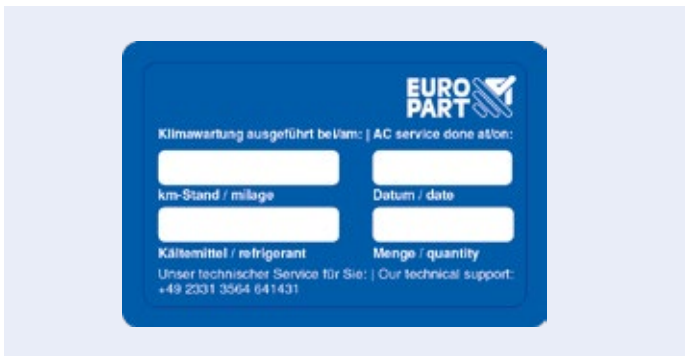
Version German/English

Dimensions 35 X 55 mm

Scope of supply

105 piece

Order no
9539 004 067





Stephan Irmisch
Own-brand representative

„Ideally equipped for the air-conditioning season with our air-conditioning service units for various refrigerants – fully compliant with F-gas regulations.

Talk to us about all other Premium Parts, we will be happy to help you!“



Cleaning cloth set

Scope of supply

6 x cleaning cloth roll, blue, 3-layer, 500 sheets 380 x 380 mm, glued between sheets
1 x floor stand with tear-off rail for rolls up to 400 mm wide



Version

7-piece

Order no

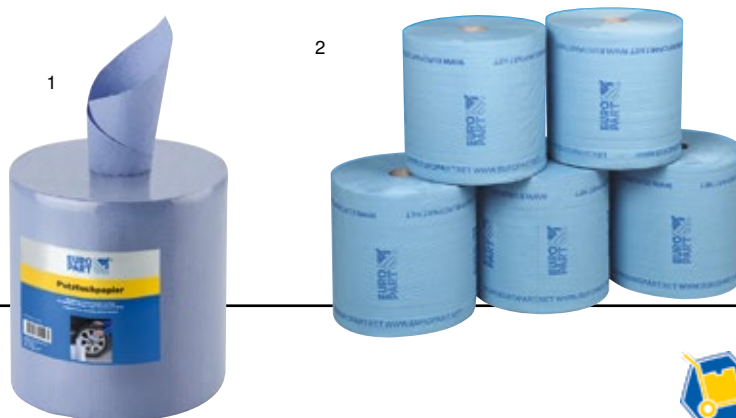
9861 144 020



Cleaning cloth roll

for pulling out in the packaging or traditionally for winding off, if the packaging is removed, PTP embossing

Container roll



Version	Number of leaves	Sheet size	Order no
2-layers, centre- and outer-winding	300 pieces	230 x 300 mm	9539 111 200
3-layers, sheets glued together, outer-winding	500 pieces	380 x 380 mm	9861 103 103



Illustration also shows optional accessories



Shelf system galvanised

everything orderly and tidy in the office, warehouse and workshop, full slot-in quick-assembly shelf system, combining quick slot-in assembly without screws with versatile, practical and tailor-made warehouse design, basic and add-on shelf units in modular design, sturdy T-profile frame with pre-mounted connecting plates, 4 shelves with 150 kg load capacity (with load evenly distributed), shelves vertically adjustable in 25 mm steps, reinforcement on the long side through diagonal cross (basic shelf unit) or diagonal rod (add-on shelf unit)

Bay load, max. 1650 kg
 Width x height x depth 1000 x 2000 x 400 mm

Scope of supply
 shelf units and additional shelves, including fixings

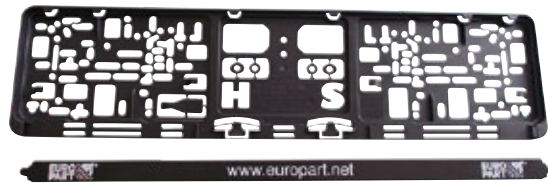
Compatible with EUROPART tyre racks

Description	Order no
Basic shelf unit	9539 094 952
Add-on shelf unit	9539 094 953
Additional shelf	9539 094 954

Accessories

Description	Fig.	Order no
Wall fastening for basic shelf	1	9147 081 556
Wall fastening for add-on shelf	1	9539 072 432
Foot doweling set for basic shelf	2	9539 181 557
Foot doweling set for add-on shelf	2	9539 181 558





Registration plate holder/strengthener

UV and weather resistant, car wash proof and secure against frost breakage, easily curved base plate made of polypropylene, advertising band made of ABS, easy to fit (insert registration plate, press on advertising band)

Application range

for all current vehicle models



Order no

9539 111 060



Assembly stool on wheels

high-quality pneumatic height adjustment enables fatigue-free work, 2 tool receptacles pivoting 360°, large tool receptacle (∅ 420 mm) takes small tools and repair material, easily manoeuvrable

Load capacity 150 kg
Height 400-520 mm
Wheel ∅ 75 mm



Order no

9539 111 051



Assembly creeper

sturdy construction, ergonomically shaped, storage trays on both sides for small parts, 6 oil-resistant and smooth-running 3" rollers, soft padded head support

Load, max. 130 kg
Length x width x height 990 x 470 x 110 mm



Order no

9539 111 050



This figure corresponds to 9539 443 276

Forklift

standard in and out rolling, easy driving under Europallet width, special lowering valve for particularly sensitive, accurately controlled lowering, ergonomic two-handed operating element, optimised hydraulics means less effort required, durable thanks to robust material and sturdy workmanship, maintenance-free thanks to permanently lubricated connection fittings

Load capacity	2500 kg	Height	1160 mm
Lifting height	85-200 mm	Tyres	Polyurethane tandem
Stroke	115 mm	Colour	blue
Bearing width	525 mm		



Length	Fork length	Load centre	Order no
1200 mm	800 mm	400 mm	9539 111 278
1550 mm	1150 mm	600 mm	9539 443 276

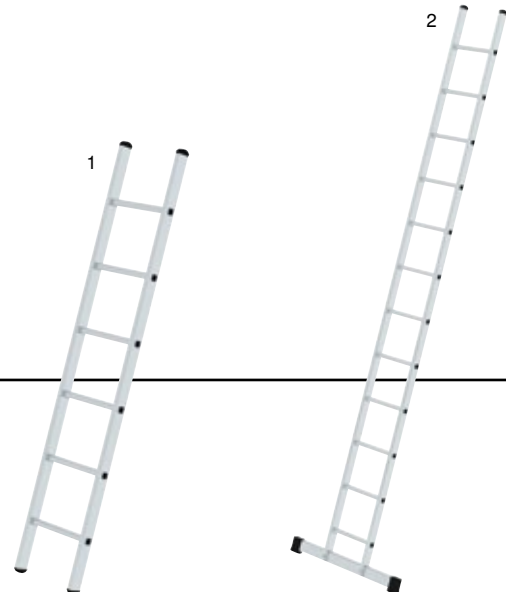


Ladder

usable on both sides, non-slip ladder feet, strong frame, ribbed rectangular rungs 30 x 30 mm

Width	350 mm
Load capacity, max.	150 kg
Material	aluminium

manufactured according to DIN EN 131-1 type approved, 15 year guarantee



Length	Rungs	Version	Fig.	Order no
1900 mm	6	no cross beam	1	9539 111 106
2200 mm	7	no cross beam		9539 111 107
2500 mm	8	no cross beam		9539 111 108
2800 mm	9	no cross beam		9539 111 109
3000 mm	10	no cross beam		9539 111 110
3600 mm	12	with cross beam (width 930 mm, weight 2.0 kg, can be screwed off)	2	9539 111 112



Continuous pressure powder fire extinguisher fire class A, B and C, testable and refillable

made of high quality sheet steel, CE compliant

Type	PD 6 GA
Contents	6 kg
Standard	DIN EN 3
Temperature range	-30 to +60 °C
Label	DE, GB, FR, ES

power rating 34 A, 183 B and C

Application range

suitable for liquefied gas stores, garages and hobby rooms

Scope of supply

high-quality wall bracket

Important: Please follow the country-specific regulations! GS tested



Order no

9195 491 125



Charging pressure powder fire extinguisher Fire class A, B and C, testable and refillable

ergonomically shaped, robust carrying handle, valve body made of glass fibre reinforced special plastic, hose line with woven fabric intermediate layer made of synthetic rubber material, with pivoting pistol which can be switched off, semi-automatic, with internal cartridge, very service-friendly, CE compliant

Type	P6STAR
Contents	6 kg
Standard	DIN EN 3
Thread	M74 x 2
Temperature range	-30 to +60 °C
Label	DE, GB, FR, ES

power rating 34 A, 183 B and C



Order no

9195 491 025



Powder fire extinguisher for passenger cars, fire class A, B and C, refillable

Type	P 2 GM
Contents	2 kg
Standard	EN 3
Label	DE, DK, ES, FR, HU, SE

Scope of supply

complete with testing valve, vibration-proof car bracket, tightening strap and pressure gauge



Order no

9195 492 002



LED inspection lamp

EP Light 1

LED battery-operated work lamp with three magnetic holders and two hooks, lamp head can be swivelled up to 180°, USB charging

Version	with 10 SMD LEDs	Charging time	4 h
Lighting power	150/300/80 lm	Dimensions	260 x 61 x 43 mm
Lighting duration	2.5/5.5 h	Protection class	IP20
Rechargeable battery	Li-Ion (3.7 V/2200 mAh)		

Scope of supply

USB charging cable and mains plug



Order no

9539 111 400

9

Garage equipment



Penlamp

EP Light 2

with infinitely variable dimming function from 10 to 100 %, main light: COB LED, spotlight: CREE XP-G2, high light output, side-mounted button switch allows effortless one-handed operation, robust rubber surface offers a pleasant grip, slim design enables easy access even in narrow places, easy charging with USB cable

Version	with 2 magnets
Protection class	IP20

Scope of supply

with USB cable, without mains plug



Order no

9539 111 401



LED battery work lamp

EP Light 3

extremely compact work lamp with 3W COB work light, 1W SMD head spotlight and integrated UV lamp, Alu-/ABS casing with magnetic retaining clip and magnetic base, charging cable (no power adaptor) with USB/micro-USB connection, with overcharge protection and deep discharge protection plus charging control display

Rechargeable battery	Li-ion (3,6 V/2200 mAh)
Dimensions	112 x 27 x 24 mm
Charging time	3-4 h
Weight	98 g

Luminous flux: work light 250 lm, head spotlight 70 lm
Duration of light: work light 3-3.5 hr, head spotlight 7-10 hr

Order no

9539 111 402



LED head lamp

EP Light 4

adjustable, with sensor	
Lighting power	150 lm
Light range	15 m
Protection class	IP54

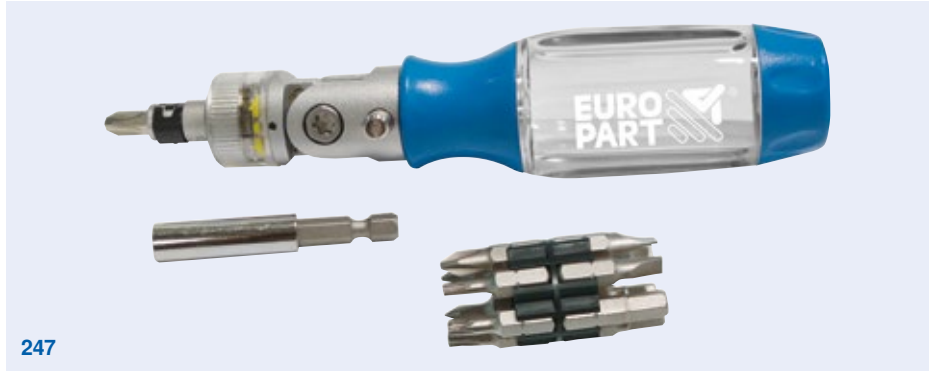
Scope of supply
3 AAA 1.5 V batteries

Order no

9539 111 403



248



247



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251



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255



255



Tool technology

On page 248 to page 255 you will find:

- Air impact wrenches
- Torque wrenches
- Axle nut wrenches
- AdBlue® filter wrenches
- Power combination pliers
- VDE side cutters
- Cutting discs
- and much more



Impact air wrench EP-Duo 1/2"

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

Drive	1/2"	Air consumption	133 l/min
Torque, max.	950 Nm	Sound pressure level	99 dB(A)
Speed, maximum	8500 min ⁻¹	Hose inner-Ø	10 mm
Air connector	1/4"		

vibration 4,5 m/s²

Order no

9564 290 001

„Our customers are convinced!“

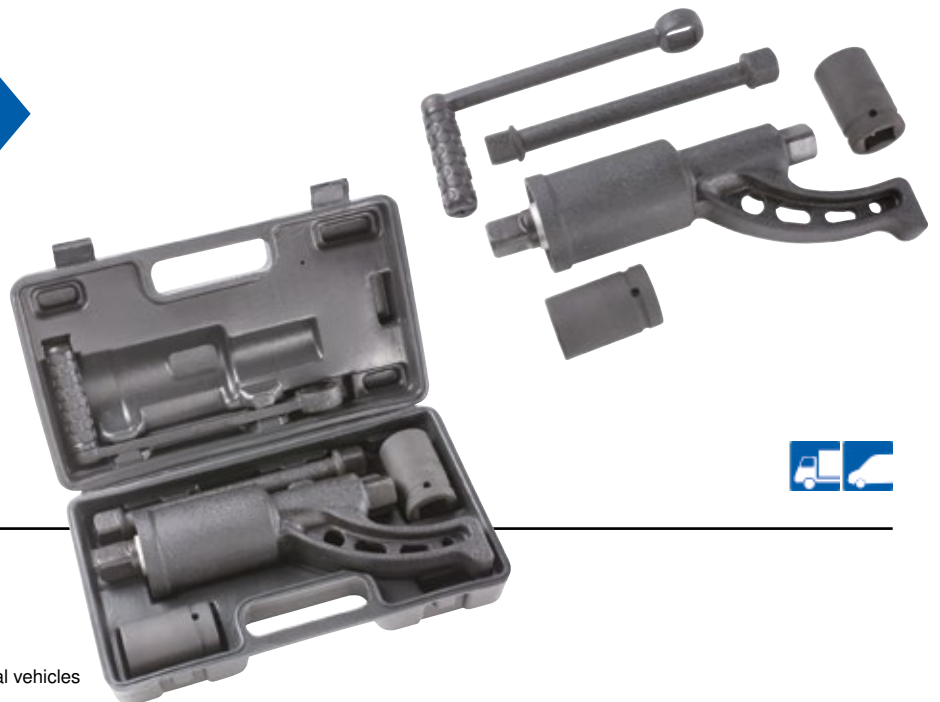
We like to sell our own brand often, especially to our over-the-counter customers. At first they buy it because the price is more attractive compared to OE parts. Afterwards, they buy our own brand because they are satisfied with the quality.

We will also find the right Premium Part for you – simply get in touch with us!“



Marcel Liebenau
Own-brand representative

Only to be used for loosening!
The extreme gear train can otherwise cause damage.



Torque multiplier

with integrated, adjustable support

Gear train 1:58

Application range

for loosening stuck wheel nuts on trucks and light commercial vehicles

Scope of supply

1 each bit 32 and 33 mm, 1 extension, in case



Order no

3002 413 237

with **HAZET** MECHANIC'S GLOVES



Torque wrench

"Vollblut Edition" made by Hazet

no need to turn back to zero, quick and safe setting of the desired torque value by turning the handle, scale sleeve with double scale: Nm (lb.ft), exact – fine scale graduation: 2.5 Nm, secure locking of handle by turning ring, ergonomic, in sturdy hexa-rotary pack

Drive	3/4"	Working accuracy	+/- 3 %
Drive form	square	Length	1250 mm
Working range	300-850 Nm		

Order no

9500 034 851



Torque wrench

"Vollblut Edition" made by Hazet

no need to turn back to zero, quick and safe setting of the desired torque value by turning the handle, scale sleeve with double scale: Nm (lb.ft), exact – fine scale graduation: 1 Nm, secure locking of the handle by means of a rotating rim, ergonomic

Drive	1/2"
Drive form	square
Working accuracy	+/- 3 %
Working range	40-200 Nm
Length	580 mm

Scope of supply

in sturdy hexa-rotary pack



Order no

9500 012 200



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



Ratched bit screwdriver

rugged toothing, with ratchet function, 180° five times adjustable head, for bits according to DIN 3126/C 6.3, with magnet, integrated bit magazine with 13 bits, ergonomically-shaped handle

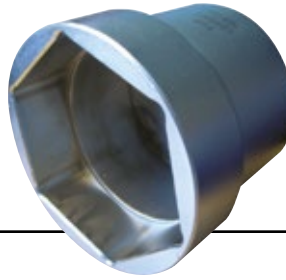
Drive	1/4"
Drive form	hexagon
Overall length	190 mm
Part length	82 mm
Return angle	15°
Number of teeth	24
Material	chrome vanadium steel

Scope of supply

- 1 x magnetic bit holder, 50 mm
- 3 x slot bit, 25 mm, 5.5 - 6.5 - 8 mm
- 4 x PHILLIPS® Bit, 25 mm, PH0 - PH1 - PH2 - PH3
- 3 x hexagon socket bit, 25 mm, 4 - 5 - 6 mm
- 3 x TORX® Bit, 25 mm, T15 - T20 - T25

Order no

9510 112 470



Axle nut key

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

Version	Spanner size	Drive	Order no
hexagon	65 mm	1"	9005 342 939
hexagon	70 mm	1"	9005 342 928
hexagon	85 mm	1"	2300 041 003
hexagon	90 mm	1"	9512 350 000
hexagon	95 mm	1"	9005 342 938
hexagon	105 mm	1"	9005 342 937
hexagon	110 mm	1"	9005 342 936
hexagon	115 mm	1"	9005 342 925
hexagon	120 mm	1"	9005 342 131
octagonal	80 mm	1"	9005 342 129

Version	Spanner size	Drive	Order no
octagonal	95 mm	1"	8000 003 596
octagonal	100 mm	1"	9005 342 934
octagonal	102 mm	1"	9005 342 946
octagonal	110 mm	1"	9005 342 935
octagonal	115 mm	1"	9005 342 061
octagonal	120 mm	1"	9005 341 607
oval	65 mm	3/4"	9005 342 945
oval	80 mm	3/4"	9005 342 926
oval	95 mm	3/4"	9005 342 932
oval	110 mm	3/4"	8000 003 724

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Tool technology



Castle nut wrench

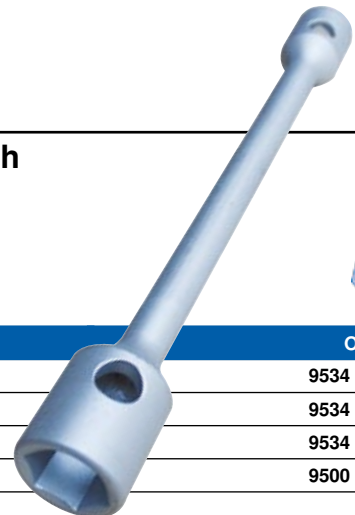
Application range
for Scania transmission/differential grooved nut

Order no
9005 342 128

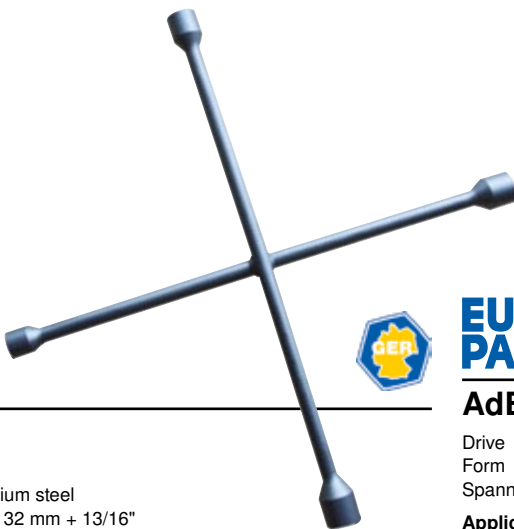


Wheel nut wrench for trucks

Length 400 mm
Version forged
Material special steel
Surface silver painted



Spanner size	Order no
24 x 27 mm	9534 005 070
30 x 32 mm	9534 005 065
30 x 33 mm	9534 005 055
32 x 33 mm	9500 498 010



Spider wrench

Dimensions 750 x 750 mm
Material chrome vanadium steel
Spanner size 24 x 27 x 30 x 32 mm + 13/16"
(AF 15/16 x 1 1/16 x 1 3/16 x 1 1/4 + 13/16)

Application range
for trucks

Order no
9524 270 507



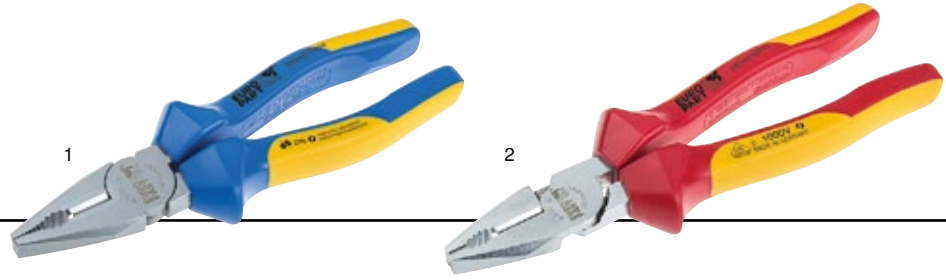
AdBlue® filter wrench

Drive 1/2"
Form hexagon
Spanner size 46 mm

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

Observe tightening torque recommended by the vehicle manufacturer!

Order no
9534 000 046



Power/universal pliers

Standard DIN/ISO 5746

Description	Overall length	Fig.		Order no
Universal pliers with bevel and cutter, for soft and hard wire (H)	180 mm	1	1	9534 810 909
VDE power universal pliers with long cutter, for soft and piano wire (P)	200 mm	2	2	9534 810 911

¹ Cutting values for medium-hard wire up to \varnothing 2.8 mm, hard wire up to \varnothing 2.5 mm

² Cutting values for medium-hard wire up to \varnothing 3.8 mm, hard wire up to \varnothing 2.7 mm, piano wire up to \varnothing 2.3 mm



Power universal pliers

AnglePlus

ribbed jaws with long cutter and non-slip 4-point burner hole, rounded back for easier access and for levering, 40 % easier cutting

Overall length 190 mm
 Standard DIN/ISO 5743
 Surface fine-polished, matt chrome-plated

Cutting value for medium-hard wire up to \varnothing 3.5 mm, hard wire up to \varnothing 2.5 mm, piano wire up to \varnothing 2.0 mm

Order no
9534 810 930



Pliers set

Surface fine-polished, matt chrome-plated

Scope of supply

1 universal pliers, length 180 mm
 1 side cutter, length 160 mm
 1 water pump pliers, length 240 mm

Version	Order no
3-piece	9534 810 929



Water pump pliers

robust design, permanently reliable thanks to box joint design, self-locking on pipes and nuts for secure and power-saving work

Standard DIN/ISO 8976
 Material chrome vanadium steel
 Surface polished

Overall length	Clamping width	Version	Fig.	Order no
240 mm	10-36 mm		1	9534 810 901
250 mm	6-38 mm	pushbutton mechanism	2	9534 810 902



Circlip pliers

Surface blackened, ground front

Type	Version	Standard	Form	Suitable for	Overall length	Fig.		Order no
A1	straight, with opening spring	DIN/ISO 5254	A	∅ 10-25 mm	140 mm	1	1	9534 810 926
A2	straight, with opening spring	DIN/ISO 5254	A	∅ 19-60 mm	175 mm	1	1	9534 810 918
A3	straight, with opening spring	DIN/ISO 5254	A	∅ 40-100 mm	220 mm	1	1	9534 810 923
A21	90° bent, with opening spring	DIN/ISO 5254	B	∅ 19-60 mm	160 mm	2	1	9534 810 920
A31	90° bent, with opening spring	DIN/ISO 5254	B	∅ 40-100 mm	200 mm	2	1	9534 810 927
J1	straight	DIN/ISO 5256	C	∅ 12-25 mm	145 mm	3	2	9534 810 928
J2	straight	DIN/ISO 5256	C	∅ 19-60 mm	185 mm	3	2	9534 810 922
J3	straight	DIN/ISO 5256	C	∅ 40-100 mm	230 mm	3	2	9534 810 925
J11	90° bent	DIN/ISO 5256	D	∅ 12-25 mm	135 mm	4	2	9534 810 924
J21	90° bent	DIN/ISO 5256	D	∅ 19-60 mm	170 mm	4	2	9534 810 917
J31	90° bent	DIN/ISO 5256	D	∅ 40-100 mm	215 mm	4	2	9534 810 916

¹ for assembly of outer circlips (DIN 471 and DIN 983) on shafts in the range from ∅ 3-140 mm

² for assembly of inner circlips (DIN 472 and DIN 984) on shafts in the range from ∅ 8-140 mm



Circlip pliers set for inner and outer rings

roll-up case made of durable polyester fabric

Suitable for ∅ 19-60 mm

Application range

for assembly of circlips for shafts and bores of ∅ 19-60 mm

Scope of supply

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

Version	Order no
4-piece	9534 810 921



VDE side cutting nipper

precise cutting for versatile use, Swedish design

Overall length	160 mm
Standard	DIN/ISO 5749
Surface	high gloss polished, chrome-plated

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

Application range

for soft and hard wire (H)

Order no
9534 810 904



VDE radio/telephone nippers

round-head, fine ribbed jaws with cutter

Version VDE-insulated up to 1000 V
 Overall length 200 mm
 Blade hardness 60 (HRC)
 Standard DIN/ISO 5745
 Surface high gloss polished, chrome-plated

Cutting values for medium-hard wire up to \varnothing 2.8 mm, hard wire up to \varnothing 1.8 mm

Application range
 for precision work and wire cutting

Form	Fig.	Order no
straight	1	9534 810 914
bent, 40°	2	9534 810 915



Radio/telephone nippers

round-head, fine ribbed jaws with cutter

Overall length 200 mm
 Blade hardness 60 (HRC)
 Standard DIN/ISO 5745
 Surface fine-polished, matt chrome-plated

Cutting values for medium-hard wire up to \varnothing 2.8 mm, hard wire up to \varnothing 1.8 mm

Application range
 for precision work and wire cutting

Form	Fig.	Order no
straight	1	9534 810 912
bent, 40°	2	9534 810 913

10
 Tool technology



VDE power side nipper

power hinge and precise cutting for toughest, continuous workload

Overall length 200 mm
 Standard DIN/ISO 5749
 Surface high gloss polished, chrome-plated

Cutting value for medium-hard wire up to \varnothing 4.2 mm, hard wire up to \varnothing 3.0 mm, piano wire up to \varnothing 2.5 mm

Application range
 for soft and piano wire (P)

Order no
9534 810 908



VDE stripping side cutting nipper

multifunctional tool for electrical installation, precision cutter with recesses for stripping wires 1.5 and 2.5 mm² and for cutting soft copper to hard steel wires

Overall length 160 mm
 Standard DIN/ISO 5743
 Surface high gloss polished, chrome-plated

Order no
9534 810 905



Side cutting nipper

precise cutting for versatile use, Swedish design

Overall length 160 mm
 Standard DIN/ISO 5749
 Surface fine-polished, matt chrome-plated

Cutting value for medium-hard wire up to \varnothing 3.0 mm, hard wire up to \varnothing 2.3 mm, piano wire up to \varnothing 1.6 mm

Application range
 for soft and hard wire (H)

Order no
9534 810 903



Power side nipper

power hinge and precise cutting for toughest, continuous workload

Standard DIN/ISO 5749
 Surface fine-polished, matt chrome-plated

Cutting value for medium-hard wire up to \varnothing 4.2 mm, hard wire up to \varnothing 3.0 mm, piano wire \varnothing 2.5 mm

Application range
 for soft and piano wire (P)

Overall length	Order no
180 mm	9534 810 906
200 mm	9534 810 907



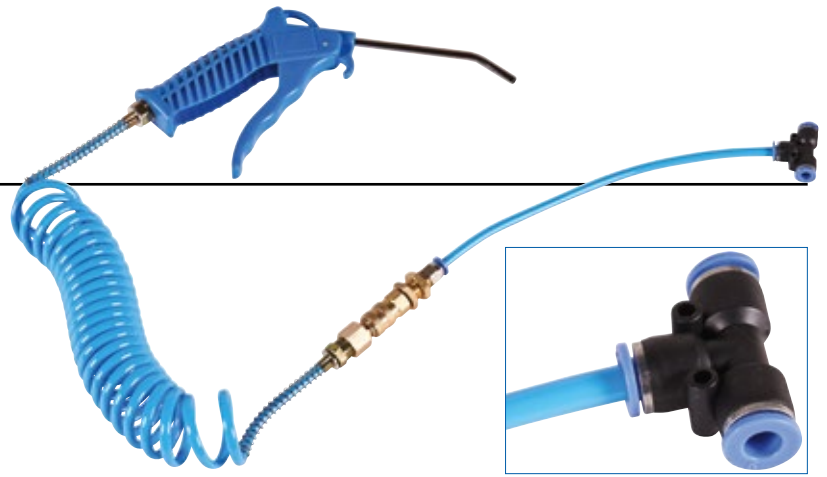


Blow-out set

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

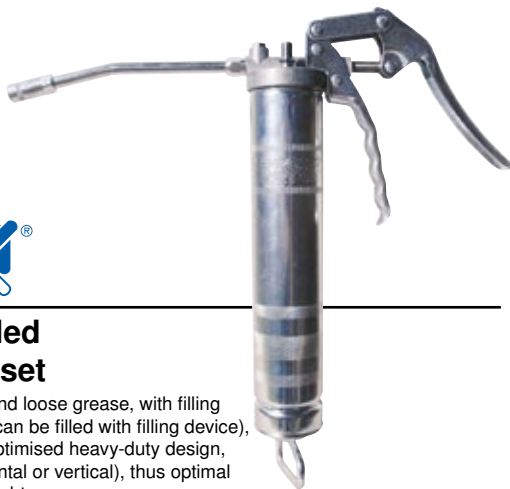
0917 301 940



Single-handed grease gun 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

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



Order no

9534 794 002



Measuring tape EC precision class II

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



Grinding disc

Version medium-hard binding
 Bore hole Ø 22 mm
 Thickness 6 mm

Application range
 metal



Order no

115 mm	9666 100 015
125 mm	9666 100 016



Cutting disc

for free-handed cutting



Ø	Thickness	Application range	Order no
115 mm	1,0 mm	stainless steel	9666 100 009
115 mm	1,6 mm	stainless steel	9666 100 011
125 mm	1,0 mm	stainless steel	9666 100 010
125 mm	1,6 mm	stainless steel	9666 100 012
230 mm	1,9 mm	stainless steel	9666 100 014
125 mm	2,5 mm	metal	9666 100 002
230 mm	3,0 mm	metal	9666 100 004



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Health and safety

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First aid material according to DIN 13164 for motor vehicles, trucks and buses



Section 35h of the German Road Traffic Licensing Regulations (StVZO) stipulates that all motor vehicles (with the exception of two-wheelers) in Germany must carry first-aid materials in the minimum scope of DIN 13164.

In the case of buses, it is particularly important to note that first-aid kits complying with DIN 13164-B must be carried in the bus at the clearly marked points provided for this purpose. In buses with more than 22 passenger seats, two first-aid boxes in accordance with DIN 13164-B must be carried.

First aid according to DIN 13157 and DIN 13169 for companies, offices, construction sites and schools

The workplace regulation ASR A4.3 "First aid rooms, means and facilities for first aid", as of 2018, describes how establishments must be equipped with first aid boxes or other suitable containers with first aid materials according to the type of activity and number of employees.

DIN 13157 – This standard applies to small first aid boxes that must be available in companies, on construction sites, schools and kindergartens.

DIN 13169 – This standard corresponds to twice the quantity of DIN 13157.

Type of operation	Number of employees	DIN 13157	DIN 13169
Administration and trade	1–50	1	
	51–300		1
	301–600		2
	per 300 more		+1
Manufacturing, processing and similar operations	1–20	1	
	21–100		1
	101–200		2
	per 100 more		+1
Construction sites	1–10	1	
	11–50		1
	51–100		2
	per 50 more		+1

2 first aid boxes or 2 cases of DIN 13157 replace 1 first aid box or case of DIN 13169. The same applies to the fillings.

The first-aid boxes are to be distributed around the workplace in such a way that they are no more than 100 m away from permanent workplaces or no more than one floor high. They are to be kept wherever the working conditions make this necessary, must be obvious, easily recognizable for everyone and freely accessible. The registration plate must be made with the rescue sign D-E003 – white cross on green background.



Vehicle emergency kit

high-quality nylon bag, REACH-compliant and water-repellent

Dimensions 442 x 130 x 55 mm
Colour blue

Application range

passenger cars and commercial vehicles

Scope of supply

- 1 EURO warning triangle
- 1 warning vest EN ISO 20471:2013 in orange

Filling as per DIN 13164

- 1 adhesive plaster roll DIN 13 019-A 5 x 2.5 cm
- 1 plaster assortment 14-piece, DIN 13 019 dust-proof, in PE-pouch
- 2 skin cleaning towels
- 1 bandage pack DIN 13 151-K, sterile
- 2 bandage packs DIN 13 151-M, sterile
- 1 bandage pack DIN 13 151-G, sterile
- 1 dressing pad DIN 13 152-A, sterile
- 1 dressing pad DIN 13 152-BR, sterile
- 3 dressing rolls DIN 61 634.8 cm x 4 m
- 2 dressing rolls DIN 61 634.6 cm x 4 m
- 3 compresses 100 mm x 100 mm, sterile, 1 x 2
- 1 triangular bandage DIN 13 168-D
- 1 scissors DIN 58 279-A145
- 1 rescue blanket gold/silver, 1600 x 2100 mm
- 4 vinyl gloves
- 1 first-aid brochure, one language
- 1 table of contents

Order no

9195 648 888



First-aid box

heat-resistant and dimensionally stable, cover with endless foam rubber seal for good sealing of the box contents

Standard DIN 13157
Dimensions 260 x 170 x 82 mm
Colour blue
Material ABS plastic

Application range

administrative and trading companies, manufacturing, processing and comparable companies as well as workshops

Scope of supply

with wall bracket

Filling as per DIN 13157

- 1 tape spool DIN 13 019-A, 5 x 2.5 cm
- 8 bandages 80 cm DIN 13019-E, 10 cm x 6 cm
- 4 fingertip bandages 4 mx 7 cm
- 4 first-aid bandages DIN 13019-E, 120 mm x 20 mm (finger bandage)
- 4 plaster strips 19 mm x 72 mm
- 8 plaster strips 25 mm x 72 mm
- 1 bandage pack DIN 13 151-K, sterile
- 2 bandage packs DIN 13 151-M, sterile
- 1 bandage pack DIN 13 151-G, sterile
- 1 dressing sheet DIN 13 152-A, sterile
- 6 compresses 100 mm x 100 mm (+/- 5mm)
- 2 eye compresses
- 1 instant cold compress, area at least 200 cm²
- 1 rescue blanket, gold / silver, 2100 mm x 1600 mm
- 2 fixation bandages DIN 61 634, FB 6, 6 cm x 4 m
- 2 fixation bandages DIN 61 634, FB 8, 8 cm x 4 m
- 2 triangular bandages DIN 13 168-D
- 1 pair of scissors DIN 58 279-B 190
- 2 foil bags
- 5 non-woven cloths
- 4 disposable gloves DIN EN 455
- 1 first aid brochure, monolingual
- 1 table of contents

Order no

9195 631 000



Vehicle first-aid box

heat and shape resistant, impact resistant, diesel and petrol resistant imprint, contents clearly arranged in 6-chamber folding bag

Standard DIN 13164-B
Version with rescue blanket
Colour blue
Material ABS plastic

Application range

cars and trucks, buses up to 22 seats (2 boxes are required for 23 seats and more)

Scope of supply

Filling as per DIN 13164

- 1 adhesive plaster roll DIN 13 019-A 5 x 2.5 cm
- 1 plaster assortment 14-piece, DIN 13 019 dust-proof, in PE-pouch
- 2 skin cleaning towels
- 1 bandage pack DIN 13 151-K, sterile
- 2 bandage packs DIN 13 151-M, sterile
- 1 bandage pack DIN 13 151-G, sterile
- 1 dressing pad DIN 13 152-A, sterile
- 1 dressing pad DIN 13 152-BR, sterile
- 3 dressing rolls DIN 61 634.8 cm x 4 m
- 2 dressing rolls DIN 61 634.6 cm x 4 m
- 3 compresses 100 mm x 100 mm, sterile, 1 x 2
- 1 triangular bandage DIN 13 168-D
- 1 scissors DIN 58 279-A145
- 1 rescue blanket gold/silver, 1600 x 2100 mm
- 4 vinyl gloves
- 1 first-aid brochure, one language
- 1 table of contents



Order no

9195 650 000



Vehicle emergency kit

high-quality nylon bag, REACH-compliant and water-repellent

Dimensions 442 x 130 x 55 mm
Colour blue

Scope of supply

- 2 warning triangles "Micro"
- 1 warning west EN ISO 20471:2013 in orange

Filling as per DIN 13164

- 1 adhesive plaster roll DIN 13 019-A 5 x 2.5 cm
- 1 plaster assortment 14-piece, DIN 13 019 dust-proof, in PE-pouch
- 2 skin cleaning towels
- 1 bandage pack DIN 13 151-K, sterile
- 2 bandage packs DIN 13 151-M, sterile
- 1 bandage pack DIN 13 151-G, sterile
- 1 dressing pad DIN 13 152-A, sterile
- 1 dressing pad DIN 13 152-BR, sterile
- 3 dressing rolls DIN 61 634, 8 cm x 4 m
- 2 dressing rolls DIN 61 634, 6 cm x 4 m
- 3 compresses 100 mm x 100 mm, sterile, 1 x 2
- 1 triangular bandage DIN 13 168-D
- 1 pair of scissors DIN 58 279-A145
- 1 rescue blanket gold/silver, 1600 x 2100 mm
- 4 vinyl gloves
- 1 first-aid brochure, one language
- 1 table of contents

Also suitable for transporting hazardous goods!



Order no

9195 649 999



Vehicle first-aid box

heat and shape resistant, impact resistant, diesel and petrol resistant imprint, contents clearly arranged in 6-chamber folding bag

Standard	DIN 13164-B
Version	with rescue blanket
Colour	orange
Material	ABS plastic
Label	EN, ES, IT, PT

Application range

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

Scope of supply

Filling as per DIN 13164

- 1 adhesive plaster roll DIN 13 019-A 5 x 2.5 cm
- 1 plaster assortment 14-piece, DIN 13 019 dust-proof packaging, in PE-pouch
- 2 skin cleaning towels
- 1 bandage pack DIN 13 151-K, sterile
- 2 bandage packs DIN 13 151-M, sterile
- 1 bandage pack DIN 13 151-G, sterile
- 1 dressing pad DIN 13 152-A, sterile
- 1 dressing pad DIN 13 152-BR, sterile
- 3 dressing rolls DIN 61 634, 8 cm x 4 m
- 2 dressing rolls DIN 61 634, 6 cm x 4 m
- 3 compresses 100 mm x 100 mm, sterile, 1 x 2
- 1 triangular bandage DIN 13 168-D
- 1 pair of scissors DIN 58 279-A145
- 1 rescue blanket gold/silver, 1600 x 2100 mm
- 4 vinyl gloves
- 1 first-aid brochure, one language
- 1 table of contents



Order no

9195 650 004



First-aid bag

high-quality nylon bag, REACH-compliant and water-repellent, sturdy zipper, extends around 3 sides

Standard	DIN 13164
Dimensions	245 x 135 x 60 mm
Colour	blue
Material	nylon
Weight	0.5 kg

Application range

passenger cars and commercial vehicles

Scope of supply

Filling as per DIN 13164

- 1 adhesive plaster roll DIN 13 019-A 5 x 2.5 cm
- 1 plaster assortment 14-piece, DIN 13 019 dust-proof, in PE-pouch
- 2 skin cleaning towels
- 1 bandage pack DIN 13 151-K, sterile
- 2 bandage packs DIN 13 151-M, sterile
- 1 bandage pack DIN 13 151-G, sterile
- 1 dressing pad DIN 13 152-A, sterile
- 1 dressing pad DIN 13 152-BR, sterile
- 3 dressing rolls DIN 61 634, 8 cm x 4 m
- 2 dressing rolls DIN 61 634, 6 cm x 4 m
- 3 compresses 100 mm x 100 mm, sterile, 1 x 2
- 1 triangular bandage DIN 13 168-D
- 1 pair of scissors DIN 58 279-A145
- 1 rescue blanket gold/silver, 1600 x 2100 mm
- 4 vinyl gloves
- 1 first-aid brochure, one language
- 1 table of contents



Order no

9195 650 006



First-aid bag

high-quality nylon bag with water-resistant PVC coating, strong zip, around 3 sides

Standard	DIN 13164
Dimensions	245 x 135 x 70 mm
Colour	blue
Material	nylon
Weight	0.6 kg

Application range

passenger cars and commercial vehicles

Scope of supply

– 1 warning vest EN ISO 20471 in orange

Filling as per DIN 13164

- 1 adhesive plaster roll DIN 13 019-A 5 x 2.5 cm
- 1 plaster assortment 14-piece, DIN 13 019 dust-proof, in PE-pouch
- 2 skin cleaning towels
- 1 bandage pack DIN 13 151-K, sterile
- 2 bandage packs DIN 13 151-M, sterile
- 1 bandage pack DIN 13 151-G, sterile
- 1 dressing pad DIN 13 152-A, sterile
- 1 dressing pad DIN 13 152-BR, sterile

- 3 dressing rolls DIN 61 634, 8 cm x 4 m
- 2 dressing rolls DIN 61 634, 6 cm x 4 m
- 3 compresses 100 mm x 100 mm, sterile, 1 x 2
- 1 triangular bandage DIN 13 168-D
- 1 pair of scissors DIN 58 279-A145
- 1 rescue blanket gold/silver, 1600 x 2100 mm
- 4 vinyl gloves
- 1 first-aid brochure, one language
- 1 table of contents



Order no

9195 650 015

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Health and safety



First-aid case for workshops

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

Standard	DIN 13157
Dimensions	320 x 220 x 130 mm
Colour	orange
Material	impact-proof ABS plastic

Application range

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

Scope of supply

with wall holder

Filling as per DIN 13157

- 1 adhesive plaster roll DIN 13 019-A, 5 x 2.5 cm
- 8 quick wound dressings 80 cm DIN 13019-E, 10 cm x 6 cm
- 4 fingertip bandages 4 m x 7 cm
- 4 quick wound dressings DIN 13019-E, 120 mm x 20 mm (finger dressing)
- 4 plaster strips 19 mm x 72 mm
- 8 plaster strips 25 mm x 72 mm
- 1 bandage pack DIN 13 151-K, sterile
- 2 bandage packs DIN 13 151-M, sterile
- 1 bandage pack DIN 13 151-G, sterile
- 1 dressing pad DIN 13 152-A, sterile
- 6 compresses 100 mm x 100 mm, (+/- 5mm)
- 2 eye compresses
- 1 instant cold compresses, area min. 200 cm²
- 1 rescue blanket, gold/silver, 2100 mm x 1600 mm

- 2 dressing rolls DIN 61 634, FB 6, 6 cm x 4 m
- 2 dressing rolls DIN 61 634, FB 8, 8 cm x 4 m
- 2 triangular bandages DIN 13 168-D
- 1 pair of scissors DIN 58 279-B 190
- 2 foil bags
- 5 non-woven cloths
- 4 disposable gloves DIN EN 455
- 1 first-aid brochure, one language
- 1 table of contents

with additional contents: e.g. antiseptic wipes, burn gel sachets, cohesive bandages, finger cots, eye patch with elastic band, elastic bandages, safety pins and splinter tweezers



Order no

9195 650 008



First-aid case

interior adjustable, each case side with transparent cover plate, sealing lock, with built-in carrying handle, identification with transparent sticker with white printing

Standard	DIN 13169
Dimensions	445 x 320 x 150 mm
Colour	blue
Material	impact-proof ABS plastic

Application range

administrative and commercial enterprises, manufacturing, processing and similar operations

Scope of supply

with wall holder

Filling as per DIN 13169

- 2 adhesive plaster rolls DIN 13 019-A , 5 x 2.5 cm, in bag
- 16 quick wound dressings 80 cm DIN 13019-E, 10 cm x 6 cm
- 8 fingertip bandages 4 m x 7 cm
- 8 quick wound dressings DIN 13019-E, 120 mm x 20 mm (finger dressing)
- 8 plaster strips 19 mm x 72 mm
- 16 plaster strips 25 mm x 72 mm
- 2 bandage pack DIN 13 151-K, sterile
- 6 bandage packs DIN 13 151-M, sterile
- 2 bandage pack DIN 13 151-G, sterile
- 2 dressing pads DIN 13 152-A, sterile
- 12 compresses 100 mm x 100 mm (+/- 5 mm)
- 4 eye compresses

- 2 instant cold compresses, area min. 200 cm²
- 2 rescue blankets, gold/silver, 2100 mm x 1600 mm
- 4 dressing rolls DIN 61 634, FB 6, 6 cm x 4 m
- 4 dressing rolls DIN 61 634, FB 8, 8 cm x 4 m
- 4 triangular bandages DIN 13 168-D
- 1 pair of scissors DIN 58 279-B 190
- 4 foil bags
- 10 non-woven cloths
- 4 disposable gloves DIN EN 455
- 1 first-aid brochure, one language
- 1 table of contents



Order no

9534 889 120

11

Health and safety



First-aid case

high-quality plastic case due to 100 % ABS plastic, dimensionally stable and unbreakable, durable and reusable, transparent cover plates, rubber seal and interior partitioning adjustable.

Standard	DIN 13157
Dimensions	280 x 200 x 110 mm
Colour	blue
Material	ABS plastic

Application range

administrative and commercial enterprises, manufacturing, processing and similar operations

Scope of supply

with wall holder with 90° stop lock

Filling as per DIN 13157

- 1 adhesive plaster roll DIN 13 019-A , 5 x 2.5 cm
- 8 quick wound dressings 80 cm DIN 13019-E, 10 cm x 6 cm
- 4 fingertip bandages 4 m x 7 cm
- 4 quick wound dressings DIN 13019-E, 120 mm x 20 mm (finger dressing)
- 4 plaster strips 19 mm x 72 mm
- 8 plaster strips 25 mm x 72 mm
- 1 bandage pack DIN 13 151-K, sterile
- 2 bandage packs DIN 13 151-M, sterile
- 1 bandage pack DIN 13 151-G, sterile
- 1 dressing pad DIN 13 152-A, sterile
- 6 compresses 100 mm x 100 mm (+/- 5mm)
- 2 eye compresses

- 1 instant cold compresses, area min. 200 cm²
- 1 rescue blanket, gold/silver, 2100 mm x 1600 mm
- 2 dressing rolls DIN 61 634, FB 6, 6 cm x 4 m
- 2 dressing rolls DIN 61 634, FB 8, 8 cm x 4 m
- 2 triangular bandages DIN 13 168-D
- 1 pair of scissors DIN 58 279-B 190
- 2 foil bags
- 5 non-woven cloths
- 4 disposable gloves DIN EN 455
- 1 first-aid brochure, one language
- 1 table of contents



Order no

9534 889 128



Welder's protective helmet flashOut

fully-automatic filter (ADF), DIN-external setting 9-13 open DIN 4, adjustable delay function, adjustable sensitivity, solar with built-in battery, grinding function

field of view 100 x 44 mm

Classification 1/1/1/2

Application range

ideal for use in workshops and for light industrial applications

Scope of supply

including pocket



Order no

9564 234 567

11

Health and safety



Cap

robust work toque, subtle EUROPART pennant on reflective background for a stylish look that gives the wearer an extra touch of visibility in the dark, cold season, washable at 40°

Version knitted

Colour dark blue

Material outer material 100 % polyacrylic, lining 100 % Thinsulate™ polyester



Order no

9564 087 111



Protective goggles

provides complete all-round protection, the length-adjustable ear pieces facilitate fitting, the lenses are fog-free, particularly easy to clean

Version blue frame, clear lens

Colour blue

Standard EN 166



Order no

9534 880 740



High visibility waistcoat

with 2 body and 2 shoulder reflective strips

Version with hook and loop fastener
 Size one size fits all
 Material 100 % polyester
 Standard EN ISO 20471

Colour	Order no
orange	9534 000 003
yellow	9534 000 002



High visibility waistcoat

with 2 reflective stripes

Standard EN 20471 Class 1



Colour	Order no
yellow	9534 000 001
orange	9534 000 004



Protective gloves

professional quality, very robust work glove, lined palm, particularly abrasion-resistant, very good wear comfort

Size 10.5
 Version cotton back, with rubberised cuff
 Colour grey/yellow
 Material full cowhide, leather selection A
 Standard EN 420/EN 388, Cat. II

Application range

workshops, waste collection, road works, building trade, automotive industry, installation work, haulage, vehicle fleets, airports, railway operations, harbour and canal works etc.

Order no
9534 000 000



Protective gloves

very flexible general purpose glove, water-resistant, extremely wear-resistant, very good wear comfort, extremely resistant to grease and oils, resistant nitrile coating

Version fully coated, with cuff
 Colour blue
 Material cotton-jersey
 Coating nitrile
 Standard EN 12115

Application range

workshops, transport, road works, building trade, automotive industry, installation work, etc.

Size	Order no
9	9550 344 009
10	9550 344 010
11	9550 344 011



High visibility gloves

very robust work glove, lined palm, highest visibility due to reflective stripes on the back of the hand, fluorescent back of the hand and cuff, extremely abrasion-resistant, very good wear comfort

Size 10,5
 Version with rubber cuff
 Colour neon yellow/orange
 Material full cowhide
 Standard EN 420/EN 388, Cat. II

Application range

workshops, waste collection, road works, building trade, automotive industry, installation work, haulage, vehicle fleets, airports, railway operations, harbour and canal works etc.

Order no
9530 169 010



Protective gloves

very flexible general purpose glove, water-resistant, extremely wear-resistant, very good wear comfort, extremely resistant to grease and oils, resistant nitrile coating

Version partly coated, with cuff
 Colour blue
 Material cotton-jersey
 Coating nitrile
 Standard EN ISO 20345 S3 SRA

Application range

workshops, transport, road works, building trade, automotive industry, installation work, etc.

Size	Order no
9	9550 343 009
10	9550 343 010
11	9550 343 011



Protective gloves

very flexible general purpose glove, water-resistant, extremely wear-resistant, very good wear comfort, extremely resistant to grease and oils, breathable due to open back of the hand, resistant nitrile coating

Version	partly coated, with knitted cuff
Colour	yellow
Material	cotton-jersey
Coating	nitrile, partially coated
Standard	EN 420/EN 388

Application range

workshops, road works, transport, building trade, automotive industry, installation work, etc.

Size	Order no
8	9550 340 008
9	9550 340 009
10	9550 340 010
11	9550 340 011



Protective gloves

OIL GRIP

highly abrasion resistant, good grip safety in oily and greasy areas of application, double coating - lower coating: blue nitrile full coating, upper coating: black, sanded nitrile coating on palm and fingertips, finely knitted and therefore particularly supple base material

Version	fully coated, with knitted cuff
Colour	blue/black
Material	nylon
Coating	nitrile
Standard	EN 420/EN 388

Application range

workshops, transport, road works, scaffolding, installation work, etc.

Size	Order no
9	9550 355 009
10	9550 355 010
11	9550 355 011



Knitted gloves sensitive

very flexible general purpose glove, feels like a second skin, touch-screen capable, very good wear comfort, extremely thin and light 18 GAUGE knit, partial coating on palm and fingertips

Version	extremely air-permeable, with knitted cuff
Colour	blue/black
Material	nylon
Coating	PU (polyurethane)
Standard	EN ISO 15797

Application range

workshops, transport, automotive industry, installation work, precision work, packaging, etc.

Size	Order no
7	9530 624 007
8	9530 624 008
9	9530 624 009
10	9530 624 010
11	9530 624 011



Knitted gloves universal

very flexible general-purpose glove, extremely non-slip, perfect dexterity, very good wearing comfort, special coating on special stretch knit, partial coating on palm and fingertips

Version	extremely air-permeable, with knitted cuff
Colour	grey/black
Material	special stretch knitwear
Standard	EN 420/EN 388

Application range

workshops, transport, automotive industry, installation work, precision work, packaging, storage, etc.

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



Thermal gloves

very robust winter glove, wrinkled coating for extreme grip, very good price/performance ratio, high level of comfort for the wearer and good fit, partially coated on palm and fingertips, breathable as a result of an open back of hand, resistant latex coating

Version blue latex coating, with knitted trim
 Colour blue/neon yellow
 Material cotton loop fabric
 Standard EN 420/EN 388/EN 511

Application range

workshops, gardens, road construction, building trade, cold storage, agriculture, transport and much more

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



Glove holder

Version universal
 Colour blue



Order no
9534 000 050



Disposable gloves

rolled edge, non-sterile, powder-free, micro-roughened surface, can be worn on both sides, suitable for contact with foodstuffs

Material latex
 Colour natural

Scope of supply
 1 box of 100 pieces

Size	Order no
9	9564 087 112
10	9564 087 113



Hand cleaner

gentle on the skin, not fluid, adapted to the pH value of the skin



Version	Contents	Container	Order no
with wood powder abrasive for ordinary industrial soiling	10 l	bucket	9770 561 090
with plastic abrasive particles for medium-heavy industrial soiling	10 l	bucket	9770 561 080



Soap dispenser Hero universal 2000

Suitable for 1000/2000 ml refill bags
Colour blue



Order no
9770 561 150



Emergency bucket

suitable equipment for first emergency measures against minor leaks, to prevent more major damage

Version ADR/GGVS

Application range

for the reliable binding and absorption of organic chemicals, oils, fuels, acids and alkalis

Form	Scope of supply	Fig.	Order no
oval version	10 litres oil binding agents Uni-Sorb special, granulation 0.5-1 mm 2 items manhole cover PE film, 1 x 1 m 1 piece poly-coconut palm brooms and plastic blade 1 pair of disposable gloves 1 x disposal bag	1	9190 000 000
rectangular	10 litres of oil binding agent Sepia Sorb, grit 0.5-1 mm 2 x manhole cover PE foil, 1 x 1 m 1 x hand brush with coconut bristles and plastic dustpan 1 pair of disposable gloves 1 x disposal bag	2	9190 000 001



Oil binding agent

strongly-adherent, aerated concrete granulate on the basis of calcium silicate hydrate, oil and chemical binding agent for the take-up of oils and other discharged liquids, suitable for traffic spaces, for the cleaning and protection of industrial floors and for the dispersal on dangerous oil traces on travel ways and roll-ways, not water-repellent and does not float, creates safe conditions of work, can be walked on, non-toxic, non-inflammable and leaves scarcely any residues

- for base, alkaline substances (caustic solutions)
- for fire-hazard, inflammable liquids
- for diluted 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 l oil binding agent binds 0.35 l oil
- 1 kg oil binding agent binds 0.72 l oil
- 1 kg oil binding agent binds 0.88 kg oil

Type III R, standard
Grit 1-4 mm
Bulk weight 396 g/l



Contents	Container	Order no
40 l	sack	9534 007 890

WE JUST DO!

... with precision for our EUROPART Premium Parts own brand

It is our job to recognize market requirements and trends at an early stage in order to provide you with an attractive range of EUROPART Premium Parts products. We convince with a TOP quality level and a TOP price/performance ratio.

- **7,500 EUROPART Premium Parts products in OEM quality as a low-cost alternative to original spare parts**
- **Careful selection of producers by procurement experts, technicians and quality assurance specialists**
- **Precise and strict product testing according to national and international standards**
- **Quality that convinces: We give you a 3-year manufacturer's warranty on our EUROPART Premium Parts private label products**

ANDREAS SCHÜRMANN,
International Purchasing Manager Premium Parts

cause we love,
what we do!

Just watch the video
and learn more





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Chemical products

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Cleaning and hygiene	290–291
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OILS

- "Made in Germany" quality
- First-class protection properties
- Container sizes according to the customer's needs
- Offer fuel savings and therefore favourable economic benefits
- Satisfied customers for many years
- Attractive price
- Broad coverage of current vehicle types
- High-quality product marking through labelling

Manufacturer approvals for:

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

The advantages of high-quality engine oils.

- **Better protection against wear, deposits and corrosion** even under extremely difficult conditions.
- **Universal usability** in all vehicles and work machines as far as possible, avoidance of mix-ups.
- **Miscibility and compatibility** with other high-quality branded engine oils that meet the quality requirements of the engine manufacturers.
- **Can be used as an all-season oil.** Here, the use of multigrade oils, especially fuel-efficient engine oils, is recommended.
- **Reduction of fuel consumption**, especially at low temperatures and in short-distance operation.
- **Optimum cold-start behaviour.** All lubrication points are quickly provided with oil. Protects batteries and starter motor and cold start wear is measurably reduced.



Motor oil SAE 5W-30

high-performance, low-viscosity engine oil based on the most modern third-generation long-life technology, practically all modern cars from BMW, Mercedes-Benz, 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 particle 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 PAO synthesis technology
Specification ACEA C3, API SN
Performance BMW Longlife-04 (-2019), MB 229.51, Porsche C30, VW 504.00/507.00 (Longlife-III)

Contents	Container	Order no
1 l	bottle	9909 100 003
5 l	canister	9909 100 004
20 l	canister	9909 100 005
55 l	drum	2822 492 501



Contents	Container	Order no
200 l	drum	2822 492 502
1000 l	IBC container	2822 100 006
bulk goods		2822 100 007



Motor oil Commercial Vehicle 5W-30

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 synthesis technology
Verified by **Mack EO-N, MAN 3271-1, MAN M 3477, MB-Freigabe 228.51, Renault RLD-2, Volvo VDS-3**
Specification API CI-4, ACEA E6/E7
Meet Caterpillar ECF-2 specification.
Performance DAF, Deutz DQC IV-10 LA, Iveco 18-1804 Classe TLS E6, MTU Type 3.1, Volvo CNG

Application range

specially developed for the low-emission EURO IV, EURO V and EURO VI engines, suitable for vehicles with AdBlue® systems

Contents	Container	Order no
20 l	canister	9773 000 007
55 l	drum	9773 000 008
200 l	drum	9773 000 009
1000 l	IBC container	2822 000 010
bulk goods		2822 000 011



Motor oil Commercial Vehicle Premium low-viscosity 5W-30

the latest generation, state-of-the-art high performance motor oil that meets the strictest emission limits, can be used in a broad application spectrum thanks to its versatility, provides fuel savings thanks to its viscosity grade and can be used for longest possible oil change intervals (according to manufacturer), specially developed for low emission LOW SAPS EURO-V and EURO-VI motors, thereby suitable for all NOx reduction systems and particle filters in combination with low sulphur-content diesel (max. 50 ppm), especially for commercial vehicles with EGR, SCR and diesel particle filter, can also be used in older commercial vehicles with no issues, thereby offering the possibility of type reduction

Version PAO synthesis technology
Verified by **Mack EO-N, MB-Freigabe 228.51, Renault RLD-2, Volvo VDS-3**
Specification ACEA E6/E7
Performance DAF HP, Deutz DQC IV-10 LA, MAN 3677, MTU Type 3.1, Renault RXD, Scania LDF-4

Application range

recommended for heavily stressed diesel truck motors (as well as construction, agriculture and forestry) including turbocharger and catalytic converters in compliance with the respective manufacturer specifications for the longest oil change intervals

Contents	Container	Order no
20 l	canister	9549 900 000
55 l	drum	9849 900 000
200 l	drum	9849 990 000
1000 l	IBC container	9849 111 125
bulk goods		9849 111 124



Motor oil

Commercial Vehicle Premium MAXX 5W-30

MHPD (Maximum High Performance Diesel) light-running oil with extremely high-quality protection properties for state-of-the-art truck diesel engines, developed especially for the low-exhaust gas LOW SAPS EURO V and EURO-VI engines, suitable for all NOx reduction systems, as well as particle filters in combination with low-sulphur content diesel (max. 50 ppm), in particular for commercial vehicles with EGR, SCR and diesel particle filter, can also be fitted without problem in older commercial vehicles and thus offers the possibility of type reduction

- Version PAO synthesis technology
- Verified by** Mack EOS-4.5, MAN 3477, MAN 3677, MB-Freigabe 228.51, Renault RLD-3, Volvo VDS-4.5
- Specification ACEA E6/E9, API CK-4, JASO DH-2
Meet Caterpillar ECF-3 specification.
Meet Scania LDF-4 specification.
- Performance Cummins CES 20086, Detroit Diesel DDC 93K222, Deutz DQC IV-18 LA, MAN 3271-1, MB 228.31, MTU Type 3.1, Voith Oil Class B, Volvo CNG

Application range

recommended for heavily stressed diesel truck engines, including turbochargers and catalytic converters, in compliance with the respective manufacturer specifications for the longest oil change intervals

Contents	Container	Order no
20 l	canister	2822 492 603
55 l	drum	2822 492 604
200 l	drum	2822 492 605



Motor oil

SAE 10W-40

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

- Version mineral
- Specification ACEA A3/B3, API SN/CF, JASO MA
- Performance ACEA A3-08/B4-08, Fiat 9.55535-G2, PSA B71 2294, Renault RN 0700, MB 229.1, VW 505.00/501.01

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	drum	9773 000 029
1000 l	IBC container	2822 000 031
bulk goods		2822 000 032



Motor oil

SAE 5W-40

low-viscosity 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 synthesis technology
- Specification ACEA A3/B4, API SN/CF
- Performance BMW Longlife-01 (-2019), Fiat 9.55535 N2, GM-LL-A-025, GM-LL-B-025, MB 229.3, Porsche A40, PSA B71 2296, Renault RN 0700/0710, VW 502.00/505.00

Application range

petrol and diesel engines

Contents	Container	Order no
1 l	bottle	9909 100 009
5 l	canister	9909 100 010
55 l	drum	2822 495 201
200 l	drum	2822 495 202
1000 l	IBC container	2822 100 012
bulk goods		2822 100 013



Motor oil

Commercial Vehicle Universal low-viscosity 10W-40

universal low-viscosity 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 synthesis technology
- Verified by** Mack EO-N, MAN 3277, MAN 3377, MB-Freigabe 228.5, Renault Truck RLD-2, Volvo VDS-3
- Specification ACEA E4/E7, API CI-4
- Performance Meet Caterpillar ECF-1A/ECF 2, Deutz DQC IV-10, Iveco 18-1804 T2 E7, MB 235.27, MTU Type 3, Scania LDF-2, SDFG OM 1901-A

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	drum	9773 000 032
200 l	drum	9773 000 033
1000 l	IBC container	2822 000 034
bulk goods		9773 000 034



Motor oil

Commercial Vehicle Premium low-viscosity 10W-40

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 synthesis technology
- Verified by **Mack EO-N, MB-Freigabe 228.51, Renault RLD-2, Volvo VDS-3**
- Specification ACEA E6/E7, API CI-4, JASO DH-2
Meet Caterpillar ECF-1A/ECF 2 specification.
Meet MAN 3271-1, MAN 3477 specification.
- Performance Cummins CES 20076/20077, DAF HP 2/LA, Deutz QDC III-10-LA, MB 228.31, MB 235.27, MB 226.9, MTU Type 3.1, Renault Truck RXD, Scania LDF-2/ 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 l	canister	9909 100 000
55 l	drum	9909 100 001
200 l	drum	9909 100 002
1000 l	IBC container	2822 100 003
bulk goods		2822 100 004



Motor oil

Commercial Vehicle Premium MAXX 10W-40

high-performance motor oil (low-SAPS-oil) for usage throughout an entire year, ensures trouble-free lubrication at high temperatures and thereby a stable, non-breaking oil lubrication film, good control of low temperatures, for extended oil holding times, especially suited for highly stressed commercial vehicle diesel motors with emission optimized assembly units (as well as after-treatment systems), can be used without issues for the new emission standards EURO V and EURO VI

- Version synthesis technology
- Specification ACEA E6/E7/E9, API CJ-4, JASO DH-2
Meet Caterpillar ECF-3 specification.
- Performance CNH MAT 3521/3522, Cummins CES 20081, Detroit Diesel DDC 93K218, Deutz QDC IV-10 LA, Mack EO-O Premium Plus, MAN 3271-1, MAN 3477, MB 228.51, MTU 3.1, Renault RLD-3, Scania LA, Volvo VDS-4

Application range

recommended for highly stressed diesel truck motors including turbochargers and catalytic converters for the newest emission standards and longer oil change intervals in compliance with manufacturer specifications

Contents	Container	Order no
20 l	canister	9849 111 122
55 l	drum	9849 111 111
200 l	drum	9849 111 110
1000 l	IBC container	9849 111 100
bulk goods		9849 110 000



Approvals

EUROPART
Motor oil
Comm. Vehicle
5W-30

EUROPART
Motor oil
Comm. Vehicle
Premium low-
viscosity 5W-30

EUROPART
Motor oil
Comm. Vehicle
Premium MAXX
5W-30

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Ford	WSS-M2C-913 D			
Mack	Mack EO-N	✓	✓	
	Mack EO-S			✓ NEW!
MAN	MAN 3271-1	✓		
	MAN 3275			
	MAN 3277			
	MAN 3377			
	MAN 3477	✓		✓
	MAN 3677			✓
Mercedes-Benz	MB 228.3			
	MB 228.5			
	MB 228.51	✓	✓	✓
	MB 229.51			
	MB 229.52			
Renault	Renault RLD-2	✓	✓	
	Renault RLD-3			✓ NEW!
Scania	Scania LDF-3			
	Scania LDF-4			Meet Scania LDF-4 specification
Volvo	Volvo VDS-3	✓	✓	
	Volvo VDS-4.5			✓ NEW!

EUROPART Motor oil Comm. Vehicle Universal low- viscosity 10W-40	EUROPART Motor oil Comm. Vehicle Premium low-vis- cosity 10W-40	EUROPART Motor oil Comm. Vehicle Scanlub-V 10W-40	EUROPART Motor oil Comm. Vehicle Universal 15W-40	EUROPART Motor oil HC-FE 5W-30	EUROPART Motor oil FO 2 5W-30
Page 276	Page 277	Page 280	Page 280	Page 280	Page 281
					Approval requested Issue 04/2021
✓	✓		✓		
	Meet MAN 3271-1 specification				
			✓		
✓					
✓					
	Meet MAN 3477 specification				
			✓		
✓					
	✓				
				✓	
				✓	
✓	✓		✓		
		Meet Scania LDF-3 specification			
✓	✓		✓		





Motor oil

Commercial Vehicle Scanlub-V 10W-40

USHPD high-performance engine oil of HC synthesis technology, which was coordinated especially for very severe operating conditions in the commercial vehicle sector (suitable for EURO IV/V/VI), high base number/TBN protects against acidification effect in the engine and thus creates maximum operating security for global employment, viscosity at low temperature guarantees a good cold start over the whole year and a fast full oiling-through of the engine, which in turn reduces cold-start wear and enables fuel savings, high performance reserves allow for use in engines with longer oil change intervals, even under severe operating conditions

- Version synthesis technology
- Specification ACEA E4/E7, API CF
Meet Scania LDF-3 specification.
- Performance Cummins CES 20077/20078, DAF Extended Drain, Deutz DQC III-18, Mack EO-N/EO-N-PP-03, MAN M 3277, MB 228.5, MTU Type 3, Renault RLD-2, Scania LDF-2, Volvo VDS-3

Application range

for use in commercial vehicle diesel engines with and without particle filters, specially designed for exhaust gas standard EURO V/EURO VI, in particular for Scania engines which require the Scania LDF-3 standard, particularly for commercial vehicles in countries where diesel oil is extremely contaminated with sulphur

Contents	Container	Order no
20 l	canister	9909 003 311
55 l	drum	9909 003 312
200 l	drum	9909 003 313
1000 l	IBC container	9909 003 314



Motor oil

HC-FE, 5W-30

low-viscosity engine oil of the latest HC synthesis technology, based on additives with low ash content for use in the latest passenger car petrol and diesel engines, significantly lower evaporation tendency and low oil consumption due to HC synthesis technology, guarantees rapid oiling of the engine and a sufficient lubricating film at temperatures up to 160 °C even at low temperatures

- Version synthesis technology
- Verified by **MB 229.51, MB 229.52**
- Specification ACEA C3, API SN/CF
- Performance BMW Longlife-04 (<2019), GM Opel Dexos 2, Fiat 9.55535-S2, Fiat 9.55535-S3, Ford WSS-M2C-917 A, PSA B71 2290, VW 505.00/505.01

Application range

for use in vehicles with diesel particle filters and three-way catalytic converters, also suitable for LPG/CNG-powered engines

Contents	Container	Order no
1 l	bottle	9773 000 069
5 l	canister	9773 000 068
20 l	canister	9773 000 061
60 l	drum	9773 000 062
200 l	drum	9773 000 063



Motor oil

Commercial Vehicle super low-viscosity 10W-40

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 synthesis technology/mineral
- Specification API CI-4, Global DHD-1, JASO DH-1
Meet Caterpillar ECF-1A specification.
- Performance ACEA E7/A3/B4, Cummins CES 20076, 20077, 20078, Deutz DQC III-10, Mack EO-M Plus, MAN 3275, MB 228.3, MTU Type 2, Renault RLD-2, Valtra CR, Volvo VDS-3

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	drum	9773 000 004
200 l	drum	9773 000 005



Motor oil

Commercial Vehicle Universal 15W-40

for long oil-change intervals, tested with catalytic converters, 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
- Verified by **Mack EO-N, MAN M 3275, MB-Freigabe 228.3, Renault RLD-2, Volvo VDS-3**
- Specification ACEA A3/B4/E7, API CI-4/SL, Global DHD-1, JASO DH-1
Meet Caterpillar ECF-1A specification.
- Performance Cummins CES 20076, 20077, 20078, Deutz DQC II-10, John Deere JDQ 78 a, Komatsu EO15W40DH, MB 229.1, MTU Type 2, Valtra CR

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	drum	9773 000 036
200 l	drum	9773 000 037
1000 l	IBC container	2822 000 038
bulk goods		2822 000 039



**Motor oil
C2, 5W-30**

special HC synthetic oil for modern petrol and diesel engines, special "Fuel Economy" formulation enables fuel injection, ensures rapid oiling, especially in the starting and warm-up phase

Version synthesis technology
 Specification API SN/CF, ACEA C2, ILSAC GF-5
 Performance Citroën*, Fiat (Fiat 9.55535 S1), Honda*, Mazda*, PSA B71 2288, PSA B71 2290, PSA B71 2295, Toyota*

Application range
 particularly suitable for vehicles of French and Asian manufacturers, also suitable for LPG-/CNG-fuelled engines

* According to the specifications in the operating instructions/service booklet

Contents	Container	Order no
1 l	bottle	9773 000 071
5 l	canister	9773 000 056
20 l	canister	9773 000 057
60 l	drum	9773 000 058
200 l	drum	9773 000 059



**Motor oil
FO 2, 5W-30**

special HC synthetic oil for modern Ford petrol and diesel engines, ensures fast oiling, especially in the start-up and warm-up phase, due to the new requirement of Ford WSS-M2C-913-D, especially the higher fuel economy is ensured

Version synthesis technology
Approval requested (issue) Ford WSS-M2C-913 D (04/2021)
 Specification ACEA A5/B5
 Performance Ford WSS-M2C-913-A, Ford WSS-M2C-913-B, Ford WSS-M2C-913-C, Ford WSS-M2C-925-A, Renault RN 0700

Application range
 for petrol and diesel engines, especially for Ford vehicles

Contents	Container	Order no
1 l	bottle	9773 000 070
5 l	canister	9773 000 064
20 l	canister	9773 000 065
60 l	drum	9773 000 066
200 l	drum	9773 000 067





Gear oil

ATF Dexron II D/III G, for automatic gearbox

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: synthesis technology/mineral
- Specification: GM Dexron II D, GM Dexron III G, GM Dexron TASA, Ford Mercon 2004
- Performance: Allison C-4, Caterpillar TO-2, MAN 339 V1/Z1, MB 236.9, Renk, Sperry Vickers, Sundstrand, Voith H55.6335.3x, Volvo 97340, Volvo 97341, ZF TE-ML 03D/04D/14A/17C
- Suitable for: **power steering on Citroën Jumper, Peugeot Boxer**

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	drum	9773 000 020
1000 l	IBC container	2822 000 022
bulk goods		2822 000 023



Gear oil

Hypoid SAE 90/85W-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: MAN 342 M1, MB 235.0, Renault GL-5, Valtra Axle, Voith 3.325-339, Volvo 97310, Volvo 97316, ZF TE-ML 07A/08/16B/16C/16D/17B/19B/21A

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	drum	9773 000 016
1000 l	IBC container	2822 000 018
bulk goods		2822 000 019



Gear oil

Synthogear Int. 75W-80

high-performance high-pressure gear oil for transmissions under high loads with and without retarder or intarder 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

- Version: synthesis technology
- Verified by: **MAN 341 Z4, ZF TE-ML 01L/02L/16K (ZF001875)**
- Specification: API GL 4
- Performance: DAF, Eaton Europe (300.000 km or 3 years), Iveco 18-1807, MAN 341 E3, Renault (B0032/2 ANNEX 3), Volvo 97307, ZF TE-ML 08/13*/24A

Application range

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

* in connection with ZF TE-ML 02L

Contents	Container	Order no
20 l	canister	2822 520 302
55 l	drum	2822 520 303
1000 l	IBC container	9909 052 020
bulk goods		9909 520 201



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, MIL-PRF-2105E, MT-1, SAE J2360
- Performance: Arvin Meritor 0-76-N, DAF (GL5), Detroit Diesel DFS93K219.01, Iveco (MIL-PRF-2105E), Iveco 18-1805, Mack GO-J, MAN 341 E3, MAN 341 GA2, MAN 341 Z2, MAN 342 S1 (change interval 200.000 km), MB 235.8, Scania STO 1:0, Scania STO 2:0A, Renault Axle (B0032/2 Annex 3), Volvo 97312*, Volvo 97315, ZF TE-ML 02B/05A/07A/08/12B/12L/12N/16F/17B/19C/21A

Suitable for **rear axle drive on Iveco Daily VI, Mercedes-Benz Sprinter/Vito, VW Crafter**

Application range

Drive axles and gears for trucks and buses

* if API GL-5 is also allowed

Contents	Container	Order no
20 l	canister	2822 520 701
55 l	drum	2822 520 702
200 l	drum	2822 520 703
1000 l	IBC container	9909 520 701
bulk goods		9909 520 702



Gear oil

Commercial Vehicle Scanlub-G 80W-90

Very good corrosion protection, good viscosity/temperature behaviour due to multi-range characteristics, optimal pressure absorption, top wear protection, good ageing resistance, background noise is minimised, can also be used for longer oil change intervals, sealing compatibility

Version synthesis technology/mineral
 Specification API GL-5, MIL-PRF-2105E, SAE J2360
 Meet Scania STO 1:0 specification.
 Performance Arvin Meritor Axles 076-D, DAF, Mack GO-J, MAN 341 Typ GA1, MAN 342 Typ M3, MB 235.20, ZF TE-ML 05A/07A/12E/12L/12M/16B/16C/16D/17B/19B /19C/21A

Application range

can be used in hypoid geared axle drives in accordance with API GL-5, in which an SAE Class 80W90 is required

Contents	Container	Order no
20 l	canister	9909 002 211
55 l	drum	9909 002 212
200 l	drum	9909 002 213
1000 l	IBC container	9909 002 214

Gear oil

Commercial Vehicle Scanlub-ST 80W-90

outstanding wear protection, high oxidations and temperature resistance, good compatibility with the usual sealing materials, stable viscosity at high temperatures, outstanding flow capability even at low temperatures, enables fuel savings

Version mineral
 Specification API GL4/5 (API MT-1), MIL-2105 D, MIL-PRF-2105 E, SAE J 2360 (PRI GL 0208)
 Meet Scania STO 1:0 (Axle) and STO 1:1 G (Shifting) specification.
 Performance Arvin Meritor 0-76-N, DAF (GL-5), Iveco 18-1805, Mack GO-J, MAN 341 E2, MAN 341 Z2, MAN 342 M2, MB 235.0, MB 235.1, ZF TE ML 02B/05A/07A/08/12L/12M/16B/16C/16D/17B/19B/21A

Application range

suitable for the use in drive axles in commercial vehicles, maximum oil change intervals possible (please observe manufacturer's recommendations!)

Contents	Container	Order no
20 l	canister	9909 004 411
55 l	drum	9909 004 412
200 l	drum	9909 004 413
1000 l	IBC container	9909 004 414

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- Engine oils, gear oils, hydraulic oils, additives.

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

Gear oils protect the increasingly complex gears from wear and destruction through optimal lubrication. They form a protective film to prevent metal parts from coming into direct contact with each other. In addition, gear oil has a cooling function. The choice of transmission oil depends on the type of transmission, such as manual, axle and automatic.

Axle drives have a higher additive content than manual transmission oils, as they have to offer higher wear protection. Special oils are needed for automatic transmissions, which can be found under the designation **ATF (Automatic Transmission Fluid)**.



**Gear oil
ATF Premium VI LV**

red high-performance automatic gear oil, with reduced viscosity (LV = low viscosity applications), superior oxidation stability, very good wear protection, excellent low-temperature flow behaviour, wide temperature application range, good seal compatibility, outstanding shear stability, for extended oil change intervals.

Version	synthesis technology
Specification	Dexron VI, Mercon LV, JASO 1-A, JASO 1-A-LV
Performance	Aisin Warner GM-AW-1, JWS 3324, BMW 83 22 0 142 516, BMW 83 2 22 152 426, BMW 83 22 2 355 599, BMW 83 22 2 289 720, BMW M-1375.4, Bentley JNV 862 564, Honda DW-1, Honda 3.1, Hyundai/KIA SP-IV, Hyundai/KIA SPH-IV, Hyundai/KIA SP-IV RR, Hyundai FF-SP-IV M, Hyundai NWS-9638, Jaguar 02JDE26444, Land Rover LR023288, Mazda ATF FZ, Mazda ATF 3.1, MB 236.12/14/15/41, Mitsubishi SP-IV, Mitsubishi Dia Queen ATF-PA, Mitsubishi ATF-J3, Nissan Matic-S, Nissan Matic-W, Saab 93 165 147 AW1, Toyota WS, Volvo P/N 31256774, Volvo 31246675, VW G 052 162, VW G 055 005, VW G 055 162, VW G 055 540, VW G 060 162, ZF Lifeguardfluid 6 (S671 090 255), ZF Lifeguardfluid 8

Application range
can also be used in hybrid vehicles

Contents	Container	Order no
1 l	bottle	9773 000 053
20 l	canister	9773 000 054
55 l	drum	9773 000 055



**Gear oil
ATF Premium VI**

red-coloured power gear oil for automatic transmissions, outstanding oxidation stability, very good wear protection, superior low-temperature flow behaviour, wide temperature application range, good sealing compatibility, excellent shear stability, for extended oil change intervals, universally applicable ATF

Version	synthesis technology
Specification	Ford Mercon V* GM Dexron VI*, GM Dexron III G/H, GM Dexron II D, GM Dexron TASA, JASO 1 A
Performance	Aisin Warner AW-1, JWS 3309, JWS 332, Allison C4/TES 295/ TES 389, BMW/Mini P/N 81 22 9 400 272/275, Bentley JNV 862 564 D, BMW/Mini P/N 81 22 9 407 858/859, BMW/Mini P/N 83 22 0 024 359, BMW/Mini P/N 83 22 0 026 922, BMW/Mini P/N 83 22 0 402 413, BMW/Mini P/N 83 22 0 403 248, BMW/Mini P/N 83 22 0 403 249, BMW/Mini P/N 83 22 7 542 290, BMW/Mini P/N 83 22 9 407 765, BMW/Mini P/N 83 22 9 407 807, Chrysler ATF +3/4, Honda ATF- Z1, Hyundai SP-II/III/SPH-IV/ NWS 9638, Hyundai/Kia SP II/III, Isuzu ATF III, Isuzu P/N 08200-9001, Jaguar JLM 20238, Jaguar JLM 21044, Jaguar K17, Jaguar WSS-M2C922-A1, Mazda ATF M V, Mazda ATF M III, Mazda Type T-IV, Mazda ATF F1, MB 236.3/236.5/236.6/236.7/ 236.8/236.9/236.91/236.10/236.11, Mitsubishi ATF-J2, Mitsubishi SP (P/N MS991156), Mitsubishi SP-II, Mitsubishi SP-III, Nissan/Infiniti N402, Matic D/J/K/S, PSA Peugeot Citroën P/N Z 000169756, Porsche P/N 000 043 204 41, Porsche P/N 000 043 205 28, Porsche P/N 999 917 547 00, Renault Matic D2, Saab 93 165 147, SsangYong DSIH 5M-66, Subaru ATF HP, Subaru P/N K0140Y0700, Suzuki 3314, Suzuki 3317, Voith 55.6335.XX (G607), Volvo 97341, Volvo P/N 1161529, Volvo P/N 1161540/1161640, Volvo VCE 1273.41, VW G 052 025/G 052 162/G 052 990/G 055 025/G US 000 162, ZF TE-ML 05L/09/11A/11B

Application range
can also be used in hybrid vehicles

* viscosity requirement is not fulfilled (performance use possible)

Contents	Container	Order no
1 l	bottle	9773 000 050
20 l	canister	9773 000 051
55 l	drum	9773 000 052




Hydraulic oil HLP 32

high-pressure hydraulic oil, on mineral oil basis with oxidation and corrosion-preventing additives, with anti-friction and anti-wear additives, meets the requirements of hydraulic oils in accordance with DIN 51 524 part 2, HLP

Standard DIN 51524 part 2
Specification AFNOR NF-E 48603, ASLE 70-1/70-2/70-3, CETOP RP91H, David Brown S1.53.101, Denison Hydraulics HF-2, SEB 181 222, U.S. Steel 126/127, VDMA 24318, Vickers I-286-S3, Vickers M-2950-S

Application range

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

Contents	Container	Order no
20 l	canister	2822 488 613
55 l	drum	2822 488 612
200 l	drum	2822 488 614
1000 l	IBC container	9909 048 861
bulk goods		9909 000 051




Hydraulic oil HLP 46

with anti-wear and anti-corrosion additives, based on high-quality mineral oils, meets the requirements for hydraulic oils according to DIN 51 524 part 2, HLP

Standard DIN 51524 part 2
Specification AFNOR NF-E 48603, ASLE 70-1/70-2/70-3, CETOP RP91H, David Brown S1.53.101, Denison Hydraulics HF-2, SEB 181 222, U.S. Steel 126/127, VDMA 24318, Vickers I-286-S3, Vickers M-2950-S

Application range

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

Contents	Container	Order no
5 l	canister	9773 000 023
20 l	canister	2822 488 701
55 l	drum	9773 000 024
200 l	drum	9773 000 025
1000 l	IBC container	2822 000 026
bulk goods		2822 000 027




Central hydraulic fluid

fully synthetic central hydraulic fluid, complies with the highest requirements, offers high thermal stability, optimal foaming behaviour as well as good ageing resistance, excellent low-temperature behaviour, has a high proportion of corrosion protection components and maximum wear protection for favourable friction behaviour due to special additives

Version fully synthetic
Performance Audi P/N G002000/VW TL 52146, Audi P/N G002012, Chrysler MS-1872, Chrysler MS-5931, P/N 04883077, Chrysler MS-9602, ATF+4, Chrysler MS-10838, P/N 05142893AA, Ford M2C195-A, Ford M2C204-A (extended temp range), GM P/N 89021184, GM 9985010, P/N 1052884, GM 9985835, P/N 12345866 (cold climate), Hyundai/Kia PSF-3, Hyundai/Kia PSF-4, MAN M 3289, MB 236.3, P/N 000 989 88 03, MB 345.0, P/N 001 989 24 03, Mitsubishi PS Fluid, Mitsubishi Diamond SP III, Nissan PSF-II, Pentosin CHF 7.1, Pentosin CHF 11S, Pentosin CHF 202, Saab P/N (45) 30 09 800, Saab P/N 30 32 380, Subaru P/N K0209A0080, Toyota PSF Type EH, P/N 008886-01, VW P/N G002000, VW P/N G002012, VW TL 521 46 (G00200/G00400), Volvo P/N 1161529

Application range

suitable for central hydraulic systems (convertible top, central locking, stability and traction systems), hydrostatic drives, level control, suspension, power steering as well as damping systems etc., also suitable for refilling

Contents	Container	Order no
1 l	bottle	9773 000 045





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
400 g	cartridge	9794 000 021
5 kg	bucket	9794 000 022
15 kg	bucket	9794 000 023
25 kg	hobbock	9794 000 024
50 kg	hobbock	9794 000 025



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
Standard	NLGI-Class 2
Version	lithium complex soap grease
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
400 g	cartridge	9909 217 112
500 g	screw-type cartridge	9794 000 009
5 kg	bucket	9909 217 113
15 kg	hobbock	9909 217 114
25 kg	bucket	9909 217 115
50 kg	hobbock	9909 217 116



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

Performance MAN 284 Li-H 2, ECO LI Plus (Bergische Achsen)
 Temperature resistance -30 to +150 °C
 Colour blue

Application range

Especially suitable for new-generation heavily-loaded ECO axles. Recommended for all applications where 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 51 825: 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



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): 2400 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
400 g	cartridge	9794 000 015
5 kg	bucket	9794 000 016
15 kg	hobbock	9794 000 017
25 kg	bucket	9794 000 018
50 kg	hobbock	9794 000 019



High-pressure grease with MoS₂

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

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
400 g	cartridge	9230 000 380



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

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



Copper Paste Spray

Anti-Seize

mineral oil-based, grey, high-temperature resistant and silicone-free brake protection paste, prevents corrosion and squeaking noises

Application range

suitable for lubricating vehicles with ABS brake systems, for assembly work on machines, to prevent run-in damage, friction and wear on bearings, sliding points, screwed and plug-in connections

Do not spray onto the friction surface of the brake pads



Contents	Container	Order no
400 ml	spray can	9785 111 250



Ceramic paste

Anti-Seize

synthetic white multi-purpose paste with ceramic pigments, very high pressure absorption capacity and excellent release effect, water resistant, excellent protection against corrosion, oxidation and scaling, no oil carbon formation at high temperatures

Application range

for base and thin-film lubrication, to prevent friction and wear



Contents	Container	Order no
400 ml	spray can	9785 111 130



Multi-purpose grease

Profi Lube

long-term grease for roller and plain bearings, water-resistant, corrosion-protective

Application range

particularly suitable for lubrication under difficult operating conditions, as well as highly loaded plain and roller bearings of vehicles, industrial machines and construction machines

Contents	Container	Order no
500 ml	spray can	9909 233 605



Multi-purpose 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

Verified by MAN 283 Li-P 00/000, MB-Freigabe 264.0

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



Spray grease

white

mineral oil-based, versatile white long-life grease, with excellent material compatibility characteristics, for long-term lubrication and protection against rust and oxidation, silicone-, resin- and acid-free, good sealing properties, oxidation stability, corrosion protection, resistant to spray and salt water

Temperature resistance -15 to +130 °C

Application range

suitable for lubrication during maintenance and inspection work, e.g. hinges, joints, slide rails

Contents	Container	Order no
400 ml	spray can	9785 111 136





Multi-function cleaner

highly-concentrated workshop cleaner of highest quality for the cleaning of extreme oil, fuel, grease and insect adherents, also suitable for the cleaning of workshop floors and tiles, loosens contamination such as grease, soot, dust etc. rapid and thorough, mixing proportion up to 1:5

Colour luminous yellow

Advantage: just the EUROPART multi-functional cleaner is required for cleaning up most contamination

Contents	Container	Order no
5 l	canister	9909 959 201
25 l	canister	9909 959 202
200 l	drum	9909 959 204



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
25 l	canister	9909 052 202



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	drum	9909 894 903
200 l	drum	9909 894 904





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 and the tenside used is biodegradable

Colour yellow/green

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



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	9785 111 190



Cockpit spray

fully synthetic, high-temperature resistant, silicone-free care spray with antistatic effect

Application range

for the care of the dashboard, plastic headliners and plastic trim in the vehicle

Do not spray on steering wheel and pedals.

Contents	Container	Order no
400 ml	spray can	9785 111 110





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 blocks, springs, cheeks, clutches, pads, pressure pads and clutch parts in general, gears, carburettors, petrol pumps, engine parts etc.

Contents	Container	Label	Order no
500 ml	spray can	DE, GB, FR, BE, NL, ES, PT, IT, DK, NO, SE, FI, RO	9230 000 140
500 ml	spray can	DE, PL, RU, EE, LV, LT, CZ, HU, BG, RS, SK, SI	9239 144 001



Brake cleaner

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

Version without aromatic and halogenated (CFCs) carbohydrates, without acetone, butanol, ethyl acetate, 98 % pure effective agent

Application range

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

Contents	Container	Order no
5 l	canister	9785 111 131
10 l	canister	9785 000 026
60 l	drum	9785 111 133



Delicate care spray

Multi-7

mineral-oil-based high-performance multifunctional oil with special additives for maximum corrosion, oxidation, wear and non-ferrous metal protection, excellent rust penetration and high rust dissolution due to optimum creep properties, water-displacing

Application range

loosens rusted bolts, pipe fittings, screws, nuts, joints, bowden cables, shafts, locks, lubricates fasteners, hinges, bushes, chains, door locks, cleans and maintains plastic and metal parts such as panelling and housings

Contents	Container	Label	Order no
500 ml	spray can	DE, PL, RU, EE, LV, LT, CZ, HU, BG, RS, SK, SI	9785 111 140
500 ml	spray can	DE, GB, FR, BE, NL, ES, PT, IT, DK, NO, SE, FI, RO	9785 111 141



Creeping oil spray

mineral oil-based, universally applicable multifunctional oil, very good rust and corrosion penetration for effective rust removal, very good lubricating properties, infiltrates dirt, grease and oil residues, produces thin, viscous protective film against moisture, displaces water and moisture

Application range

lubricates fasteners, hinges, bushings, chains, door locks, cleans and maintains plastic and metal parts such as panelling and housings

Contents	Container	Order no
400 ml	spray can	9785 111 210





Rust Remover

Mineral-oil based rust remover with excellent creep properties, long-lasting corrosion protection and very good friction value reduction due to MoS₂ solid lubricants, resin-, silicone- and acid-free

Application range

For loosening extremely rusted and oxidised screw connections

Contents	Container	Order no
500 ml	spray can	9785 111 116



Rust Remover

ICE

High-quality rust remover with ICE effect: extreme cooling of the screw connection combined with excellent creeping effect, corrosion protection due to special protective additives, resin-, silicone- and acid-free, rubber- and seal-compatible

Cooling -40 °C

Application range

For loosening extremely rusted and oxidised screw connections on cars, trucks, agricultural and construction machinery, units and devices

Contents	Container	Order no
400 ml	spray can	9785 111 290



Silicon Spray

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

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	9785 111 114



Chain Lube

fully synthetic, adhesive, ageing-stable chain and rope oil with high-performance additives of OMC₂-technology, reduces friction and wear, very good penetration and adhesion, extremely low evaporation residue, very good corrosion protection, does not resinify or stick together, silicone-free

Application range

chain lubrication in the normal and high-temperature range up to approx. +200°C, ropes, spindles, toothed wheels, cylinders and other drive units

Contents	Container	Order no
400 ml	spray can	9785 111 138





Chain spray

semi-synthetic, light-coloured, strongly adhesive special lubricant with special additives against ageing, corrosion and wear, the high PTFE solid content guarantees a grease-free sealing of the entire surface, water-repellent, extremely UV-resistant

Application range

for the lubrication of chains, sliding surfaces, splined shafts, universal joints, spindles, guides and toothed wheels

Contents	Container	Order no
400 ml	spray can	9785 111 230



PTFE spray

oil- and grease-free release and sliding spray based on a PTFE dispersion

Temperature resistance -180 to +250 °C

Application range

as silicone-free release agent and basic lubricant for lightly loaded guides, sliding surfaces, conveyor belts, transport rollers, etc.

Contents	Container	Order no
400 ml	spray can	9785 111 230



Zinc spray

metal protection paint based on high-purity zinc metal powder, first-class corrosion protection and optimum metal surface appearance, quick-drying

dust-dry after approx. 5 min., touch-proof after approx. 10 min.

Application range

for corrosion protection of iron and steel surfaces, protection of weld seams, body parts and exhaust systems, for repairing damaged metal surfaces

Contents	Container	Order no
400 ml	spray can	9785 111 230



Zinc repair spray

metal protection paint based on high-purity zinc metal powder, first-class corrosion protection and optimum metal surface appearance, quick-drying

dust-dry after approx. 5 min., touch-proof after approx. 10 min.

Application range

for corrosion protection of iron and steel surfaces, protection of weld seams, body parts and exhaust systems, for repairing damaged metal surfaces

Contents	Container	Order no
400 ml	spray can	9785 111 118





Electrical Contact Spray

residue-free, versatile use, excellent cleaning power, removes loose oxide and pitting 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	9785 111 270



Leak Detector Spray

non-flammable, pH-neutral test foam for the quick and reliable detection of leaks, micro-leaks and hairline cracks, the smallest leaks and those that only occur under high loads, can be properly detected

Temperature resistance -15 to +50 °C

Application range

suitable for all technical gases in compressed air, compressed gas, air conditioning systems, compressors, welding equipment, compressed air braking systems, tires, hoses or transport tanks

Contents	Container	Order no
400 ml	spray can	9785 111 240



Anti-Rust Primer

Version 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





Power spray adhesive

film-forming adhesive with high adhesive power, strong adhesion, dries quickly, resistant to water and petrol, precise application through adjustable spray jet

Temperature resistance -30 to +80 °C

Application range

fabrics, foams, insulating mats, plastics, leather, rubber, felt, cloth, paper, cardboard, vinyl, polystyrene.



Contents	Container	Order no
400 ml	spray can	9785 111 135



Tim Kocks
Own-brand representative

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We will also find the right Premium Part for you – simply get in touch with us!“



Radiator protection

EP 12

nitrite-, amine-, phosphate- and silicate-free additive for the radiator, for summer and winter operation with frost and rust protection effect, increases the boiling point and lowers the freezing point of the coolant (coolant = antifreeze + water), optimal corrosion protection for all metals and metal alloys used in the cooling system, including aluminium, behaves neutrally towards metals, rubber parts and seals, does not foam

Performance VW TL 774 F, MB 325.3, MAN 324 Typ SNF, DAF 74002, Renault 41-01-001, AFNOR NF R15-601 AS 2108, ASTM D3306 ASTM D4656, ASTM D4985 BS 6580, CUNA NC 956-16 FVV Heft R443, SAE J 1034 UNE 26361-88

Application range

suitable for cast iron and aluminium engines



Contents	Container	Order no
1.5 l	bottle	9198 544 166
5 l	canister	9198 544 168
20 l	canister	9230 003 102
60 l	drum	9230 001 101
200 l	drum	9230 002 102

¹ 2" barrel pump connection



Radiator protection

EP 40

nitrite-, amine-, phosphate- and borate-free radiator protection agent based on ethylene glycol, contains an inhibitor package based on silicate and salts of organic acids (Si-OAT), provides excellent protection against frost, rust and overheating for all modern engines, especially highly loaded aluminium engines

Performance VW TL 774 G (Audi, Bentley, Lamborghini, Seat, Skoda, VW)*, Cummins CES 14439 MB 325.5, MB 325.6 MAN 324 Typ Si-OAT Deutz CC-14 Liebherr Min LH-01-COL3A AFNOR NF R15-601 AS 2108, ASTM D 3306 ASTM D 4656, ASTM D 4985 SAE J 1034, BS 6580 CUNA NC 956-16 SAE J 1034, UNE 26361-8

Application range

all modern engines, especially highly stressed aluminium engines



Contents	Container	Order no
1.5 l	bottle	9198 544 212
20 l	canister	9198 544 213
60 l	drum	9198 544 214
208 l	drum	9198 544 215



Radiator protection

EP 48

nitrite-, amine- and phosphate-free, made on the basis of ethylene glycol (ethanediol, monoethylene glycol), with a hybrid-inhibitor package, protects against frost, corrosion and overheating, effectively prevents corrosion and deposits in the cooling system with its important components like the cooling channels in the cylinder head, engine block, radiator and water pump

Performance MAN 324 Typ NF, MB 325.0, VW TL 774 C, Deutz TR 0199-99-1115/7DE, BMW N 600 69.0, Jenbacher TA-Nr. 1000-0201, Liebherr Machines Bulle TLV 035, TLV 23009A, MTU MTL 5048

Contents	Container	Order no
20 l	canister	9198 836 020
60 l	drum	9198 836 060
208 l	drum	9198 836 208





Radiator protection

Universal

nitrite-, amine- and phosphate-free additive for the radiator, for summer and winter operation with frost and rust protection effect, increases the boiling point and lowers the freezing point of the coolant (coolant = antifreeze + water), protects against corrosion, cavitation and deposits, behaves neutrally towards metals, rubber parts and seals, does not foam

Performance BS 6580, AFNOR NF R15-601, AS 2108, ASTM 3306, CUNA NC 956-16, SAE J 1034, UNE 26-361

Application range

suitable for cast iron and aluminium engines



Contents	Container		Order no
1.5 l	bottle		9230 002 010
5 l	canister		9230 004 001
20 l	canister		9230 003 002
60 l	drum	1	9230 001 001
200 l	drum	2	9230 002 002

¹ incl. drain tap

² 2" barrel pump connection



Screen wash

guaranteed freezing protection to -60 °C

serves as a reliable antifreeze for the windscreen washer system and as an intensive all-season windscreen cleaner (insects, grease), DEKRA-tested, among other things, for fan nozzle suitability, usability for headlamp lenses made of polycarbonates, material compatibility (paint, rubber, metals, plastics, etc.) and handling, biodegradable, methanol-free, not subject to VBF, the bitter substance BITREX® is added to protect against ingestion 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	drum		9230 000 500
200 l	drum	1	9230 000 603

¹ 2" barrel pump connection



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 with citrus scent



Contents	Container	Order no
5 l	canister	9198 012 450



Start-aid spray

for starting all types of engines, especially after prolonged standstill or low temperatures as well as damp weather, protects engine and battery, very good wear and corrosion protection, prevents carburettor icing up

Application range

in motor vehicle engines (cars, trucks, buses, motorbikes), engines in lawn mowers, forklift trucks, tractors, boats, construction machinery, power saws, pumps and other units in industrial plants



Contents	Container	Order no
400 ml	spray can	9785 111 113

Are you familiar with the new vehicle identification in EWOS?

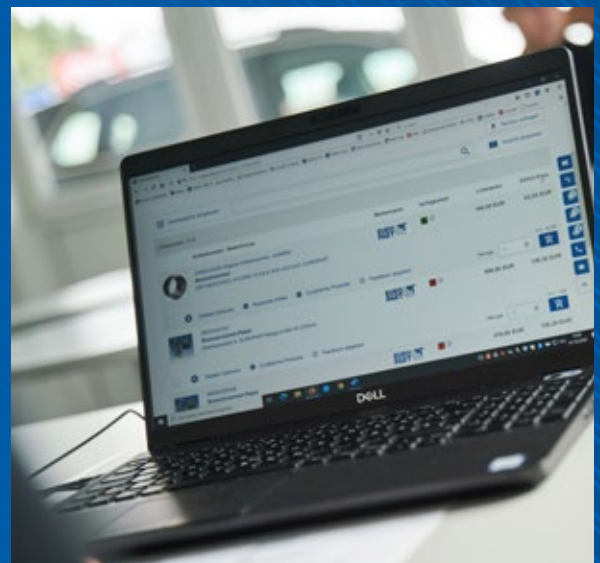
- Identification via chassis numbers for the BIG 7
- Over 12 million chassis numbers in the system
- On average 120 articles per chassis number
- Over 4.5 billion OE numbers in the system
- Optimal linking of OE to IAM

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303



304



305



302



307



306



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Fastening technology

Cable ties.....	302
Assortment cases.....	303–305
Screw technology	306–307



Plastic cable tie

Colour black
 Material polyamide 6.6
 Version weather- and UV-resistant
 Packaging unit 100

Length	Width	Order no
200 mm	4,8 mm	1191 120 054
292 mm	7,6 mm	1191 129 276
300 mm	4,8 mm	1191 130 049
368 mm	4,8 mm	1191 136 849
368 mm	7,6 mm	1191 136 877
775 mm	9 mm	1191 177 590



Adhesion plate for cable ties

Version bonded, threaded connection
 Length 27,7 mm
 Width 27,7 mm
 Height 5,5 mm
 Material plastic
 Colour natural

Order no
 0707 879 002

13

Fastening technology



Assortment case sheet metal screws with washer and hexagon sheet metal screws DIN 7976

Version 12 compartments

Scope of supply
 300 items, assorted:
 galvanised, dimensions: 3.5 x 9.5 to 4.8 x 16.0 and 5.6 x 16 to 6.5 x 20

Order no
 9500 449 175



Assortment case crosshead sheet metal screws with collar, black galvanised

Version 18 compartments

Scope of supply
 800 items, assorted:
 dimensions: 3.9 x 9.5 to 4.8 x 25

Order no
 9500 449 171



Assortment case clip nuts

Version 12 compartments

Scope of supply

300 items, assorted:
galvanised, dimensions: 3.5 mm to 6.5 mm

Order no

9500 449 176



Assortment case clip connector DIN 11024, single/double

Version 8 compartments

Scope of supply

70 items, assorted:
– single, galvanised, dimensions: 3 x 60 to 5 x 85
– double, galvanised, dimensions: 2 x 50 to 5 x 92

Order no

9500 449 168



Assortment case flat insert fuses Standard 3-30 A

Version 8 compartments

Scope of supply

200 items, sorted

Order no

9500 449 164



Assortment case split-pins DIN 94

Version 18 compartments

Scope of supply

1,350 items, assorted:
galvanised, dimensions: 1.6 x 32 to 6.3 x 50

Order no

9500 449 216



Assortment case plastic tube connector

Version 18 compartments

Scope of supply

90 items, assorted:

- straight nozzle, Type GS 3/4/5/6 mm
- straight reducer fitting, Type GRS 4-3/6-4/8-4/8-6 mm
- T-support fitting, Type TS 3/4/5/6 mm
- T-reducer fitting, Type TRS 3-4-3/4-6-4 mm
- Y-nozzle, Type YS 4/5/6 mm
- Y-reducer nozzle, Type YRS 4-6-4 mm

Order no

9500 449 163



Assortment case circlip DIN 472 (inside)

Version 18 compartments

Scope of supply

180 pieces, assorted blank, dimensions: 15 x 1 to 38 x 1.5

Order no

9500 449 183



Assortment case sealing rings universal

Version 18 compartments

Scope of supply

395 items, assorted:

- DIN 7603 A/solid
- DIN 7603 aluminium
- DIN 7603 C/asbestos-free
- O-ring - Opel
- sealing rings rubber and steel - Opel
- copper sealing rings solid, DIN 7603 A - Ford
- sealing rings rubber and steel - Ford

Order no

9500 449 217





Assortment case

rugged, powder-coated sheet metal case with easily accessible, round plastic inserts and different divisions, with plastic handle for simple handling and transport to the work location, with turn-lock fastener for secure locking and to prevent unchecked opening

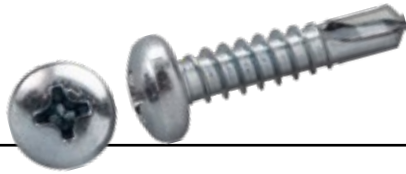
Width x height x depth 330 x 50 x 230 mm

Scope of supply

with envelope, unloaded

Version	Fig.	Order no
11 compartments	1	9500 449 201
12 compartments	2	9500 449 202
18 compartments	3	9500 449 203
20 compartments	4	9500 449 205
24 compartments	5	9500 449 161





Drill screw

DIN 7504-M, with cross-slot H, pan-head

Material steel
Surface galvanised
Packaging unit 100

Thread	Length	Application range	Order no
3.5	16 mm	for 2.25 mm material thickness	6630 035 016
3.5	19 mm	for 2.25 mm material thickness	6630 035 019
3.9	13 mm	for 2.4 mm material thickness	6630 039 013
3.9	19 mm	for 2.4 mm material thickness	6630 039 019
3.9	25 mm	for 2.4 mm material thickness	6630 039 025
4.2	16 mm	for 3 mm material thickness	6630 042 016
4.2	19 mm	for 3 mm material thickness	6630 042 019
4.8	19 mm	for 4.4 mm material thickness	6630 048 019
4.8	22 mm	for 4.4 mm material thickness	6630 048 022
4.8	25 mm	for 4.4 mm material thickness	6630 048 025



Drill screw

DIN 7504-K, hexagon head

Material steel
Surface galvanised
Packaging unit 100

Thread	Length	Application range	Order no
4.8	25 mm	for material thickness up to 4.4 mm	6613 048 025
5.5	32 mm	for material thickness up to 5.25 mm	7717 515 532
6.3	32 mm	for material thickness up to 6 mm	7717 516 332
6.3	38 mm	for material thickness up to 6 mm	7717 516 338
6.3	50 mm	for material thickness up to 6 mm	7717 516 350



Drill screw

DIN 7504-O, with vanes

Version countersunk head and cutting ribs
Thread 6.3
Material steel
Surface galvanised
Packaging unit 100

similar to DIN 7504, inner six-lobe TX drive

Length	Application range	Order no
50 mm	fixing wood on steel, material thickness of steel up to 6 mm	6652 063 050
60 mm	fixing wood on steel, material thickness of steel up to 6 mm	6652 063 060
70 mm	fixing wood on steel, material thickness of steel up to 6 mm	6652 063 070
80 mm	fixing wood on steel, material thickness of steel up to 6 mm	6652 063 080



Bolt DIN 933

Material steel
Surface galvanised
Property class 8.8
Packaging unit 100



Bolt

DIN 931, with shank

Material steel
Surface galvanised
Property class 8.8
Packaging unit 100

Thread	Length	Order no
M8	60 mm	6602 008 060
M8	80 mm	6602 008 080
M10	60 mm	6602 010 060
M10	80 mm	6602 010 080
M10	100 mm	6602 010 100
M12	60 mm	6602 012 060
M12	80 mm	6602 012 080
M12	100 mm	6602 012 100



Split-pin DIN 94

Material steel
Surface galvanised
Packaging unit 100

Nominal \varnothing	Length	Order no
3,2 mm	32 mm	6617 032 032
3,2 mm	40 mm	6617 032 040
4 mm	32 mm	6617 004 032
4 mm	40 mm	6617 004 040
4 mm	50 mm	6617 004 050
4 mm	63 mm	6617 004 063
5 mm	40 mm	6617 005 040
5 mm	50 mm	6617 005 050
5 mm	63 mm	6617 005 063

Thread	Length	Order no
M5	20 mm	6601 005 020
M5	30 mm	6601 005 030
M6	16 mm	6601 006 016
M6	20 mm	6601 006 020
M6	25 mm	6601 006 025
M6	30 mm	6601 006 030
M8	20 mm	6601 008 020
M8	25 mm	6601 008 025
M8	30 mm	6601 008 030
M8	40 mm	6601 008 040
M8	50 mm	6601 008 050
M10	25 mm	6601 010 025
M10	30 mm	6601 010 030
M10	40 mm	6601 010 040
M12	30 mm	6601 012 030
M12	40 mm	6601 012 040
M12	50 mm	6601 012 050
M12	60 mm	6601 012 060



Hexagon nut DIN 985, self-locking

with non-metal insert

Version slim shape
Material steel
Surface galvanised
Packaging unit 100

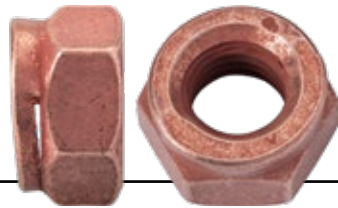
Thread	Spanner size	Height	Order no
M5	8 mm	5 mm	6604 005 000
M6	10 mm	6 mm	6604 006 000
M8	13 mm	8 mm	6604 008 000
M10	17 mm	10 mm	6604 010 000
M12	19 mm	12 mm	6604 012 000
M12	19 mm	12 mm	6604 012 150
M14	22 mm	14 mm	6604 014 000
M14	22 mm	14 mm	6604 014 150
M16	24 mm	16 mm	6604 016 000
M16	24 mm	16 mm	6604 016 150



Hexagon nut DIN 934, metric standard thread

Property class 8
Material steel
Surface galvanised
Packaging unit 100

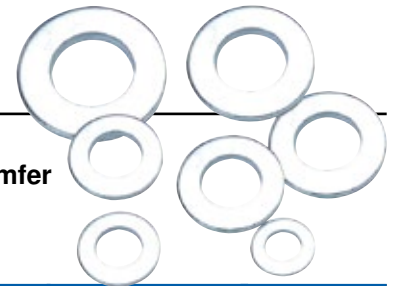
Thread	Spanner size	Height	Order no
M5	8 mm	4 mm	6603 005 000
M6	10 mm	5 mm	6603 006 000
M8	13 mm	6,5 mm	6603 008 000
M10	17 mm	8 mm	6603 010 000
M12	19 mm	10 mm	6603 012 000
M14	22 mm	11 mm	6603 014 000
M16	24 mm	13 mm	6603 016 000



Slotted round nut DIN 14440, standard width across flats

Version self-locking
Material steel
Surface copper-plated
Packaging unit 100

Thread	Spanner size	Height	Order no
M8	12 mm	8.5 mm	6639 008 000
M8	13 mm	8.5 mm	6640 008 000
M10	14 mm	10.5 mm	6640 010 000



Washer DIN 125-A, without chamfer

Material steel
Surface galvanised
Packaging unit 100

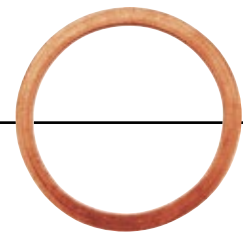
for thread	Inner \varnothing	Outer \varnothing	Material thickness	Order no
M5	5.3 mm	10 mm	1 mm	6605 005 300
M6	6,4 mm	12 mm	1,6 mm	6605 006 400
M8	8,4 mm	16 mm	1,6 mm	6605 008 400
M10	10,5 mm	20 mm	2 mm	6605 010 500
M12	13 mm	24 mm	2,5 mm	6605 013 000
M14	15 mm	28 mm	2,5 mm	6605 015 000
M16	17 mm	30 mm	3,0 mm	6605 017 000



Split washer DIN 127, A, bent open

Material spring steel
Surface galvanised
Packaging unit 100

for thread	Nominal \varnothing	Outer \varnothing	Material thickness	Order no
M5 (3/16")	5 mm	9,2 mm	1,2 mm	6606 005 000
M6	6 mm	11,8 mm	1,6 mm	6606 006 000
M8 (5/16")	8 mm	14,8 mm	2 mm	6606 008 000
M10 (3/8")	10 mm	18,1 mm	2,2 mm	6606 010 000
M12	12 mm	21,2 mm	2,5 mm	6606 012 000
M14 (9/16")	14 mm	24,1 mm	3 mm	6606 014 000
M16 (5/8")	16 mm	27,4 mm	3,5 mm	6606 016 000



Copper sealing ring DIN 7603-A

Material copper
Packaging unit 100

Dimensions	Order no	Dimensions	Order no
8 x 12 x 1 mm	6651 081 210	16 x 22 x 1.5 mm	6651 162 215
8 x 14 x 1 mm	6651 081 410	20 x 26 x 1.5 mm	6651 202 615
10 x 14 x 1 mm	6651 101 410	22 x 27 x 1.5 mm	6651 222 715
10 x 16 x 1 mm	6651 101 610	22 x 29 x 2 mm	6651 222 920
12 x 16 x 1.5 mm	6651 121 615	26 x 32 x 2 mm	6651 263 220
12 x 18 x 1.5 mm	6651 121 815		

A-frame	21	Copper Paste Spray	288
Adapter cable	215	Copper sealing ring	307
AdBlue® filter wrench	250	Counterholder	142
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