

Commercial vehicle NEWS + PROMOTION 01.04. - 31.12.2023

021

MISSION: KLANN POSSIBLE

Time saving, safe, well thought out tools.

GEDORE► L-1070-1301



KL-0173-460 K

Rethreading tool kit



gedore-automotive.com

OPERATION BOARD

0

TIME SAVING These tools especially save time and thus real money.



SAFE WORK

With these tools, the focus is particularly on safety during use

ONLY FROM GEDORE

These tools are protected by us by patent, utility model, or design patent

MATERIAL-PROTECTING

These tools protect vehicle of spare parts from damage during removal and installation





COMMERCIAL VEHICLES

These tools are especially developed and suited for the use on commercial vehicles



TRANSPORTERS

These tools are especially developed and suited for the use on transporters



AGRICULTURE

These tools are especially designed and suitable for use on agricultural vehicles

KL-0080 SERIES **REPAIR KITS FOR CABLE/PLUG CONNECTIONS**

Clean drives, reliable assistance systems and completely autonomous driving as a goal.

What seems to be technically manageable today, will be extremely challenging during repair at the latest. The advancing digitalisation of automotive engineering, requires a complex electromagnetic system that combines sensors, actuators and radio transmitters in a far-reaching line system. Up to 8 km cables, thousand of plug connections and various shielding systems are installed in modern vehicles.

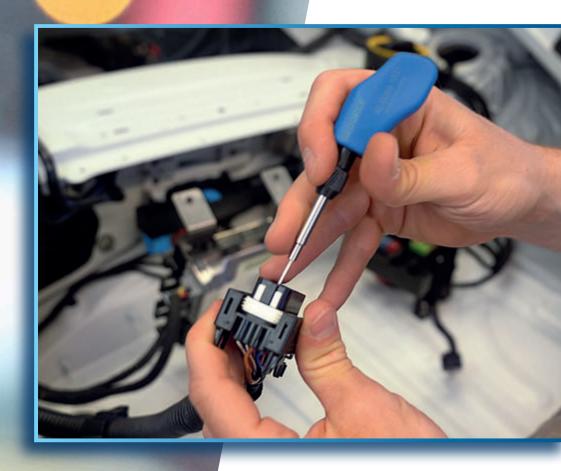
In order to prevent a negative effect on the vehicle weight, the lines are becoming thinner and the plug connections thus more and more difficult. The tiniest modification in

the cable cross-sections or the plug connections can cause serious errors. Thus, a professional repair is essential that results in restoring the factory default settings. 01

The GEDORE KLANN EXPERIENCE even represents indepth knowledge in this particular area of vehicle repair. Resource-efficient, time-saving, safe, professional.







Caution: System failure!

Oxidation or temporary repairs and plug connections do not only result in a timeconsuming troubleshooting but can also lead to massive errors on the vehicle system. Sensor signals, actuator activation as well as data transfer on the CAN bus system can be massively disturbed. In the worst case, this can cause delays or the failure of the assistance systems! The repair of FAKRA plug connections on for example GSM mobile radios, GPS systems and rear view cameras has also been a challenge so far. In this case, the transmission of high-frequency signals can be also massively disturbed due to already slightly visible oxidation on the plug connections or due to damaged shieldings. Until now, the only solution in most cases has been a time-consuming and costly exchange of the complete FAKRA coaxial cable in the entire vehicle.

The newly developed repair kits of the **KL-0080 series** enable the professional unlocking, stripping and controlled crimping of the most common cable / plug connections directly on the vehicle - quick and professional. The kits are supplied including suitable socket and plug contacts. Due to the interchangeable CRIMP heads, the repair kit can also be easily extended for many other plug connections in the future.

ocket



CRITICA PLUG CO REPAIR SAFELY IN OEM QU

KL-0080-1 K WIRING HARNESS REPAIR KIT

with consumables



28piece + 1025 small parts

Made in Germany



Universally suitable for standard wire/terminal connections on passenger cars, commercial vehicles, vans, buses, construction machinery, agricultural machinery, trailers, and semi-trailers.

Especially for wire/terminal connections with and without single conductor seal (ELA), such as MCP-2.8, JPT, MQS, DTM/DT-twisted, SuperSeal-1.5, as well as for conventional crimp connections such as wire lugs, flat spade wire terminals, female flat spade wire terminals, butt connectors, etc.

UNLOCKING, STRIPPING and CRIMPING, all stored within easy reach in a clearly arranged case system.

Defective, oxidised, or provisionally repaired wire/terminal connections can lead to serious system failures on the vehicle. For this purpose, the repair kit for professionals in particular offers a comprehensive and robust assortment for the quick and professional repair of almost all common wire/terminal connections on the vehicle. Due to the unique and compact basic tool/changeable insert system, this can also be expanded as required in the future. The scope of delivery already includes a generous assortment of the most common contacts and seals.

UNLOCKING: Unlocking tool with matching interchangeable inserts for a damage-free release of a wide variety of cable/plug connections from the connector housing.

STRIPPING: Stripping tool with razor-sharp interchangeable inserts for precise stripping, especially for cables with extremely slippery PVC isolation.

CRIMPING: Crimping tool with interchangeable inserts for a perfect crimping result as ex works, guaranteed by the special cable / plug positioners. The tool can only be opened again when the pressure required for the crimping process has been fully applied.

Code	No.	Unlocking inserts	Stripping inserts	Crimping inserts:	Quantity per contact
3429814	KL-0080-1 K	7 pcs	2 pairs	11 pcs	25 pcs



L NNECTIONS

LALITY!

KL-0080-11 K **REPAIR KIT** for FAKRA plug connections



18piece + 60 small parts

 Code
 No.

 3424634
 KL-0080-11 K

Cable diameter (RTK031)

3.2 mm



Universal fit for cars, commercial vehicles, and vans with FAKRA cable/plug connections (RTK031 and RG174). Installed, for example, on GSM mobile radio antennas, GPS antennas, and in rear-view camera systems.

For quick and professional stripping, crimping, and repairing FAKRA cable/plug connections. Time-consuming replacement of the entire FAKRA coaxial cable, usually across the vehicle, is not required! Defective, oxidised, or provisionally repaired FAKRA cable/plug connections can lead to system failures on GSM mobile radios, GPS systems, and rear view camera systems.



Cable diameter (RG174)
2.8 mm

KL-0190-28 K **EJECTION TOOL KIT FOR** PLUG-IN SLEEVES





For unlocking cable plug connections.

- Professional, damage-free and safe working
- Simple handling
- High time saving
- Handy and ergonomic
- Short construction

Code	No.	Storage	Width	Depth	Height	Weight
2004119	KL-0190-28 K	In case	340 mm	290 mm	75 mm	1.1 kg



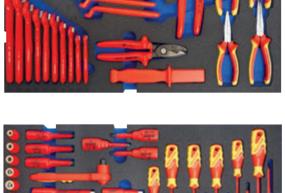
KL-4600-200 **TOOL TROLLEY WITH** HIGH VOLTAGE ASSORTMENT

- The perfect tool kit for maintenance and repairs on hybrid and electric vehicles
- Suitable for vehicles of all manufacturers
- All tools are protective insulated to EN 60900/EC 60900
- Tool trolley: Side walls with Euro perforation, externally mounted heavy-duty chassis, ball-bearing guide rails and central lock
- Included: digital voltage tester, 3/8" VDE torque spanner Safety lock, socket spanner and ratchet in 3/8" and 1/2", and many more.

Content:

- 3/8" VDE tool kit with SW 6 22; XZN M8 M12
- 3/8" VDE torgue spanner 5 25 Nm
- 1/2" VDE tool kit with SW 10 24; IN 5 8 mm
- VDE single open-end spanner SW 9 24
- VDE single end ring spanner SW 8 22
- VDE slotted and cross-head screwdriver; TX T8 T30
- VDE cable shear, VDE universal pliers, VDE power combination pliers, VDE power diagonal cutter, VDE flat nose-round pliers, angled, VDE flat pliers, VDE cable stripping knife
- Meter connection fittings
- Digital voltage tester 1,000 V
- Electrician's protective gloves
- Undergloves
- Rubberished cloth cover 250 x 350 mm
- ISO insulation mat
- Barrier tape
- Warning sign "Flash"

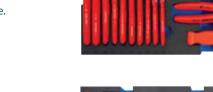
- Warning sign high voltage "Switched ON",
- Warning sign high voltage "Switched OFF"
- Safety padlock
- Plastic clamp 80 mm; 160 mm
- Cable splitting wedge
- Rubber hammer





Dimensions Number of drawers Load capacity (mobile/static) Load capacity (per drawer) Design Code No KL-4600-200 650 kg / 900 kg 40 kg 3/8" + 1/2

103parts 3/8 1/2 🕰 🗲 1000 V





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1100-1094 VDE TOOL KIT HYBRID WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER WITTER		and electric vehicles Suitable for vehicles of All tools are protective 	insulated to EN 60900/EC 60900 is compatible to the Sortimo® vehicle
Code No. Content 2979063 1100-1094 3/8" VDE socket wrench no. VDE 30, 6 8 9 10 11 3/8" VDE screwdriver bit no. VDE INX 30, 8 10 12 m 3/8" VDE extension no. VDE 3090 -3 -6, 75 150 m VDE slotted screwdriver no. VDE 2170, 2.5 3.5 4 VDE cross-head screwdriver no. VDE 2170, 2.5 3.5 4 VDE cross-head screwdriver no. VDE 2160 PH 1 2 VDE TX screwdriver no. VDE 2163 TX 120 125 T30 VDE universal pliers no. VDE 146 10, 10", VDE pow 2K handle VDE high leverage diagonal cutter no. V VDE Flat round-nose pliers no. VDE 8132 AB-200 2K handle VDE flat pliers no. VDE 8132 AB-200 2K handle VDE cable stripping knife no. VDE 4522, 1 + GEDORE L-B0XX*	nm m, 3/8" VDE reversible ratchet no. VDE 3093 U 5.5 mm 3 J, VDE cable shear no. VDE 8094, 200 mm rer combination pliers no. VDE 8250-200 H, 200 mi /DE 8314-180 H, 180 mm IC, 200 mm, angled mm		
KL-4600-100 K TOPELEMENTARY KIT IDparts No. Code No. Content MI-4600-100 K XV 912 10 - Electrician's protective gloves ind. un XKL-4600-100 - Barrier tape, 1x KL-4600-100 R	- Warning sign "Flash", 1x KL-4600-1003 - Voltage	secure hybrid and elec them Perfect addition to the For maximum safety a includes an empty con torque wrench 4508-0 0 x 350, 1x V 911 100 - ISO Insulation m e tester 1.000 V, 1x KL-4600-1005 - Safet	at the workplace npartment to accommodate a VDE D2/-05 Weight nat, 11 kg
Ix KL-4600-1006 - Warning sigh High voltage "Sv + GEDORE L-BOXX* KL-4600-10 Z VDE HYBRID TOOL INCL. SUPPLEME		Com	plete package pecial price
Code No. 3418642 KL-4600-10 Z	Consisting of KL-4600-100 K VDE supplementary kit and 110	DO-1094 VDE HYBRID tool kit	
VDE 4616 VOLTAGE TESTER 1000 V		Display level: 12, 24, 50, 120, 23 Acoustic and optical continuity Tested and approved according to Phase sequence, phase, polarity	test up to 100 kΩ :o DIN EN 61243-3, VDE 0682-401:2015
Code No. Measuring range 3032744 VDE 4616 12 - 1,000 V	Design Battery type 2-pole AAA	Length 120 mm	Weight 425 g

KL-0870-10 K VIDEOSCOPE with cleaning function

Cleaning the air conditioner evaporator is usually done blind. Cleaning agent is sprayed into the ventilation shaft without knowing whether the affected areas have been reached precisely. With the help of the video endoscope with cleaning function **KL-0870-10 K**, cleaning can be carried out very precisely, saving time and money. The cleaning nozzle and the camera are mounted at a 90° angle to the cable/hose. This enables you to clean even hard-to-reach places.

The small lens with LED illumination delivers highresolution images to the 3.5" LCD display. Images and videos can be saved with date and time stamp to provide the customer with detailed documentation. With this tool, the cleaning of the air conditioning evaporator is carried out extremely precisely and economically, thus saving time and money.

кL-0880-10 к **VIDEOSCOPE** Ø 3.9 mm

CEDORE

NEW

Damage analysis on engines, transmissions, exhaust systems, etc. is always a difficult undertaking. In most cases, many add-on parts have to be dismantled or the component to be inspected has to be disassembled in order to carry out a meaningful visual inspection.

This is very time-consuming and costly, just to find out whether there is any damage at all, and if so, what kind. This can be avoided with the **KL-0880-10 K** video endoscope from Gedore Automotive. Due to its extremely small lens and a swivel range of over 360°, you can get to any part of the component to be inspected with only minor disassembly work. Thanks to the 3-stage LED illumination, everything can be optimally illuminated.

The videoscope is able to provide the images and videos with date and time stamp in order to offer the customer a detailed documentation of the damage analysis. The live images and recordings are displayed via a high-resolution HD colour display. Alternatively, it is possible to connect a smartphone or tablet to the device. The recordings are simply transferred to any computer via USB. This robust and at the same time very delicate tool saves a lot of time and money when troubleshooting.

NEW

KL-0870-10 K





Universally applicable on cars, vans, commercial vehicles, buses, construction machinery, agricultural machinery.

- Enables the localisation and targeted removal of contamination.
- The transversely mounted camera with LED illumination and cleaning nozzle reaches even hard-to-reach places, e.g. the evaporator of the air-conditioning system.
- Slim camera unit Ø15x23 mm with powerful cleaning nozzle
- Dust- and water-proof lens with adjustable LED illumination
- For standard compressed air connection with 6 8 bar • 250 ml container for cleaning fluids
- Live viewing via 3.5" colour display with zoom, rotate and mirror function
- Photo and video documentation with date/time stamp
- Incl. 8 GB microSD card and powerful 3.7 V lithium-polymer battery (1650mAh)
- Direct playback of photos and videos on the display



4parts

Code	No.	Display	Resolution	Cable diameter (max.)	Length, cable	Filling quantity	View angle	Operating pressure
3444929	KL-0870-10 K	3.5"	1280 x 720	23 mm	80 cm	250 ml	80°	6 - 8 bar



Universally applicable on cars, vans, commercial vehicles, buses, construction machinery, agricultural machinery.

- Enables quick and easy inspection of extremely difficult-toaccess components
- For professional damage analysis on engines, transmissions, intake systems, etc.
- Extremely slim Ø 3.9 mm micro camera with 1280x720 pixels
- Dust- and water-proof lens with adjustable LED
- illumination
- $\pm 180^{\circ}$ swivel angle due to 2-way joint
- Live viewing via 5.0" HD colour display with zoom, rotate and mirror function
- Photo and video documentation with date and time stamp • Incl. 8 GB microSD card and powerful 3.7 V lithium-polymer
- battery (5000 mAh) • Connection with smartphone, tablet and laptop etc. possible
- Direct playback of photos and videos on the display



Code	No.	Display	Resolution	Swivel angle	Cable diameter (max.)	Length, cable	Number of LEDs	Battery	Temperature range
3444910	KL-0880-10 K	5.0"	1280 x 720	+/- 180°	3.9 mm	1 m	6	5.000 mAh	-10 up to +60 °C

ELECTRONICS / ELECTRIC MOBILITY

KL-1028-.... CENTRING SLEEVES KIT

Made in Germany





• The centring sleeve set enables easy and problem-free mounting of commercial vehicle wheels.

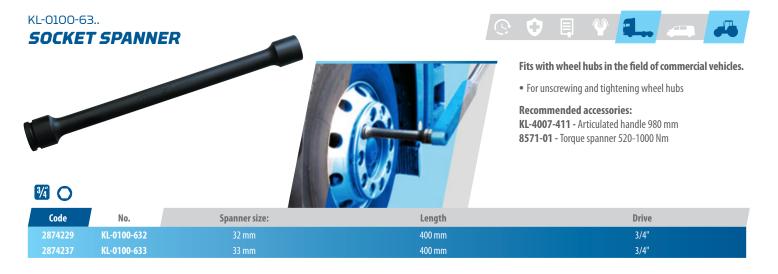
• The centring sleeves can be screwed on and off with a standard 1/2" reversible ratchet.

Recommended accessories: 1993 U-20 - reversible ratchet 1/2"

1/2"

	_	AL 33		
Code	No.	Rim hole Ø	For bolt thread	Suitable for
1805126	KL-1028-1821	21 mm	M18x1.5	DAF, Unimog, Iveco, MAN, Renault, Volvo
2452219	KL-1028-1824*	24 mm	M18x1.5	DAF, Iveco, MAN, Renault, Volvo.
2452286	KL-1028-2026	26 mm	M20x1.5	Scania
1805134	KL-1028-2226	26 mm	M22x1.5	DAF, MAN, Mercedes, Ford, Renault, Scania, Volvo
1901761	KL-1028-7826	26 mm	7/8"-11 BSF	Scania aluminium rims
1901788	KL-1028-7830*	30 mm	7/8"-11 BSF	Scania aluminium rims

* only while stocks last.

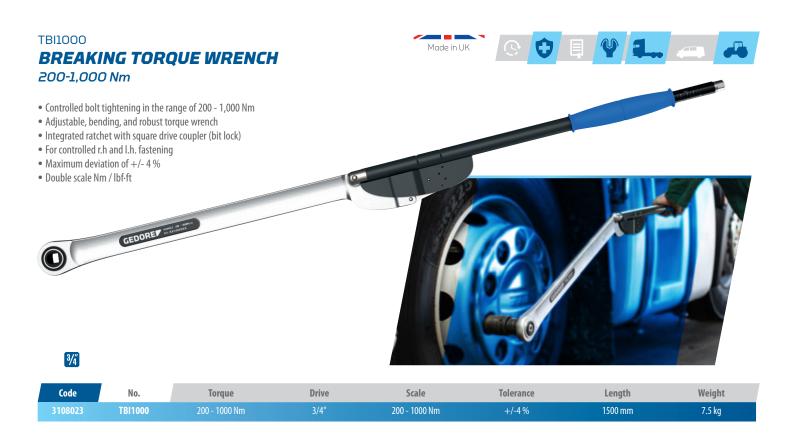


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Code	No.	Drive	Total length	Max. load:
2941554	KL-4007-411	3/4"	980 mm	1,050 Nm

AXLE REPAIR

Commercial vehicle promotion 2023/EN 2.0. Misprints and errors excepted.



TF-K850 **TORQUE WRENCH TORCOFIX TF-K**

- Controlled bolt tightening in the range of 250 850 Nm
- Adjustable, releasing, and robust pipe torque wrench with integrated ratchet
- Ergonomic handle, shaped according to the natural grip of the hand
- Maximum deviation of +/- 3 %
- For controlled r.h and l.h. fastening (pluggable square)
- Double scale Nm and lbf ft with enlarged window



Made in Germany

						5	
3278514	TF-K850	250 - 850 Nm	3/4"	10 Nm	+/- 3%	1390 mm	4.8 kg

8563-N-05 Made in Germany TORQUE WRENCH DREMOMETER DNR KIT 3/ 4"155- 760 N[.] M • Torque wrench with a tightening range of 155-760 Nm with aluminium extension tube • For controlled right-hand tightening • Incl. 3/4" external ratchet, clockwise • Maximum deviation of +/-3% (more precise than the standard) • Vernier scale - resolution 1.0 Nm 3/4 Length with tube Weight Code Drive Scale Tolerance **Tightening direction** Length No. Torque 8563-N-05 1400 mm Clockwise 812 mm 3 kg



12

KL-1000-0115 RETAINER FOR WHEEL HUBS

Made in Germany





Fits universally for commercial vehicles, municipal vehicles, and agricultural machinery.

- Enables professional counter-holding of the wheel hub via the wheel studs
- For loosening and controlled torque-tightening of the wheel bearing, stub axle, and brake disc screw connections and those of the wheel capsule

Suitability: Universal



KL-4999-820 / 4999-8200 MOBILE WORKSHOP/ ASSEMBLY TROLLEY MODULO FOR COMMERCIAL VEHICLES

In its unique composition, the assembly trolley "MODULO 820/8200" for commercial vehicles is the ideal mobile workstation for fast, organised, and efficient repairs.



AXLE REPAIR

Universally applicable for repairs on wheel bearings, steering and axle systems on commercial vehicles, buses, construction machinery, agricultural machinery, trailers, and semi-trailers.

Body:

- Dimensions: H 985 x W 1200 x D 635 mm
- 30 mm thick multiplex laminated beech board, surface additionally protected by linseed oil varnish
- Worktop offset to the rear allows flush parking against the wall
- A drawer unit in trolley width
- Manoeuvrable and easy to steer with drive/steer handle
- Side panels with Euro perforation 10 x 38 mm for attaching hooks and tools
- Sheet steel, corrosion-resistant and scratch-resistant powder-coated, GEDORE blue

Drawers:

- Design with four drawers
- Central lock with cylinder lock
- \bullet Wide drawers (W 998 x D 474 mm) with full extension, can be taken out
- Single lock prevents opening of more than one drawer, one-hand operation
- ${\scriptstyle \bullet}$ Ball-bearing guide rails with self-closing mechanism
- Load-carrying capacity per drawer 70 kg
- Sheet steel, corrosion and scratch-resistant powder-coating, GEDORE blue



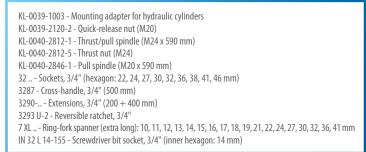
KL-1005-100 A - Wheel hub puller kit KL-1005-110 - Wheel hub puller compact bearing KL-1039-111 - Press frame 28 tonnes

KL-0040-2800 - Hydraulic cylinder 28t

KL-0165-3 A - Set of ball joint breakers (with six forks) KL-0169-82 - Removal tool for tie-rod end KL-1010-1010 - Drive sleeve set Ø70 mm KL-1010-120 A - Thrust piece/sleeve set Ø60 mm KL-1010-140 B - Thrust piece/sleeve set Ø65 mm KL-1029-300 - Wheel hub lifting tool KL-1070-1224 - Slogging double ring wrench SW24 600 E-1500 - Metalworker's hammer 1.5 kg













Content / range of application:

- Various drive parts for operating the tool kits (depending on model with hydraulic cylinder 28 t)
- Pressing out wheel hubs with removable hub cap .
- For wheel hubs with bolt circle diameters 8x275 mm and 10x335 mm .
- . For wheel hubs with bolt circle diameters 8x275 mm and 10x335 mm
- . For pressing bushings, bearings, and bolts in and out

Commercial vehicle promotion 2023/EN 2.0. Misprints and errors excepted

. Removal and installation of slotted and closed silent blocks

- · Separating of ball joint connections on steering and axle systems
- Loosening and adjusting of tie rod ends
- Lifting of heavy-weight wheel hubs with a workshop crane •
- Loosening and tightening of brake calliper screw connections which are hard to unscrew
- Including high-quality GEDORE hand tools

The suitable hydraulic pump can be found on page 21.

93 parts

Code	No.	W/H/D	Load-carrying capacity (static / dynamic)	Content
3425835	KL-4999-820	1,200 / 985 / 635 mm	1,000 kg / 750 kg	incl. hydraulic cylinder
3427587	KL-4999-8200	1,200 / 985 / 635 mm	1,000 kg / 750 kg	without hydraulic cylinder



KL-1005-111 Z WHEEL HUB PULLER, MECHANICAL

Made in Germany



Universally suitable for commercial vehicle wheel hub/bearing units with removable hub cap.

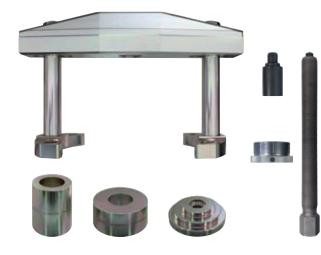
- For a bolt circle dia. at the hub of 10x120, 10x122, 10x143, 10x165, 10x168, 10x225, 12x144, 12x145, 12x164, 12x168, 14x138, 14x144 mm
- For professional pulling of wheel hub/bearing units
- A hydraulic drive with 28 t cylinder is also possible (accessories required)

Suitability: Universal

Code	No.	Max. load (tool kit)	Bolt circle hub	Pitch circle hub wheel hub for low-loaders
3418596	KL-1005-111 Z	28 t	10x120, 10x122, 10x143, 10x165, 10x168, 12x144, 12x145, 12x164, 12x168, 14x138, 14x144	10x225

Made in Germany

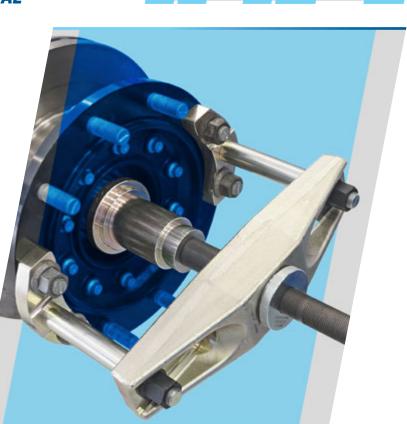
KL-1005-100 A Z WHEEL HUB PULLER SETS, MECHANICAL



Universal fit for commercial vehicles (as well as wheel hubs with integrated compact wheel bearing) with removable hub cap.

- For axle systems with a pitch hole diameter of 8x275 mm and 10x335 mm for BPW, SAF, and ZF
- For professional removal of the wheel hub directly on the vehicle
- A hydraulic drive with 28 t cylinder is also possible (accessories required)





Code	No.	Hole circle Ø	Max. load on tool kit	Axle systems
3418588	KL-1005-100 A Z	8 x 275 mm / 10 x 335 mm	28 t	BPW, SAF, ZF

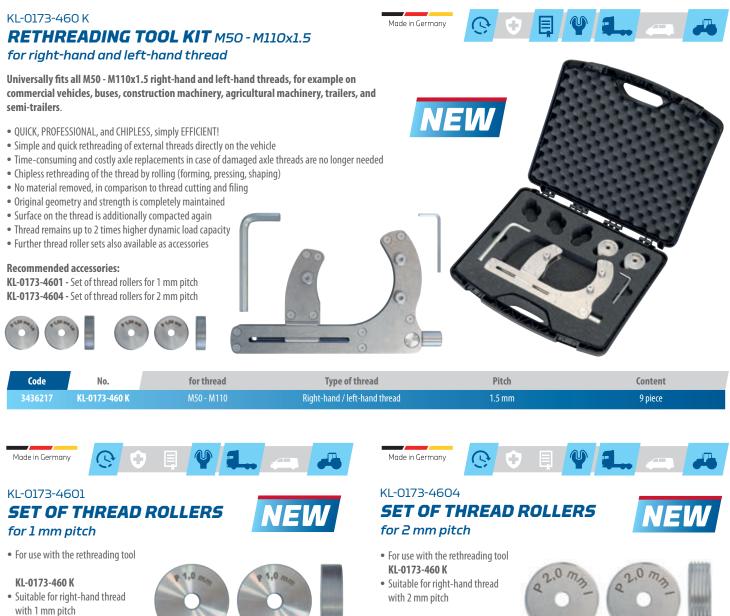






Code No. Designation		Designation	Connection thread	Outside diameter	Length
2991519	KL-1027-4582	Wheel-bearing centring sleeve 82 mm diameter	M75x1.5 (right-hand & left-hand thread)	150 mm	82 mm
2991527	KL-1027-4588	Wheel-bearing centring sleeve 88 mm diameter	M75x1.5 (right-hand & left-hand thread)	150 mm	88 mm





No.

KL-0173-4604

Code

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Thread

Right-hand pitch

Thread pitch

2 mm

18

Code

No.

KL-0173-4601

AXLE REPAIR

Thread pitch

1 mm

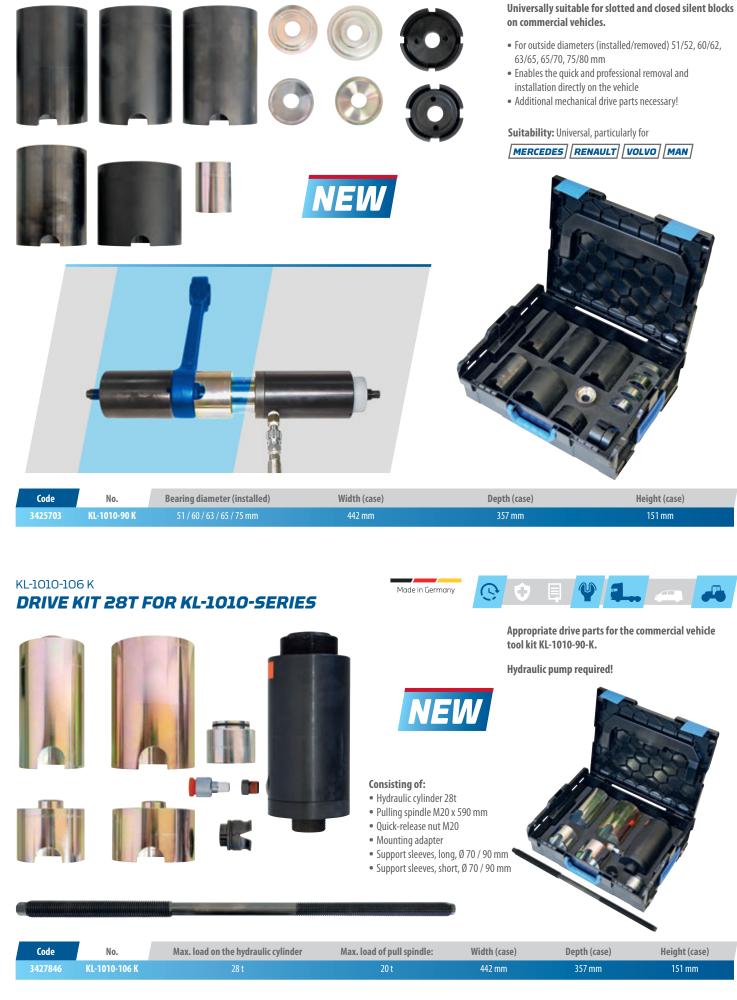
Thread

Right-hand pitch

KL-1010-90 K SILENT BLOCK TOOL KIT

Made in Germany





KL-1011-121 BPW SILENT BLOCK TOOL

Suitable for silent blocks with an axle bore diameter of 132 mm.

- For quick and professional insertion and removal on the wishbone
- For steel-rubber bushings No. 02.0314.38.00
- For example, on BPW ECO Air/ECO Air Compact axles
- Additional mechanical drive parts necessary!

Suitability: Universal





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Made in Germany

Made in Germany

Made in Germany

Code	No.	Sleeve	Thrust piece bore	Weight
3417158	KL-1011-121	conical	eccentric	6.8 kg

KL-1011-111 **SLEEVE SAF TRUCK - SILENT BLOCK** Ø 139 mm



Suitable for silent blocs with a bore diameter of 139 mm; e.g. SAF Intradisc plus air suspension axles.

- For a quick and secure removal and installation on the axle suspension
- High time saving (approx. 4h)
- Repair can be performed directly on the vehicle
- Additional mechanical drive parts necessary!

Code	No.	for outside diameter (installed)	Drive type	Weight
2450178	KL-1011-111	139 mm	hydraulic	13.4 kg

KL-1039-1111 SUPPLEMENT FOR KL-1005-100 A

to commercial vehicle press frame 28 t

Universal fit for commercial vehicles, construction machines, agricultural machines, trailers and semi-trailers.

- For pressing bushings, bearings or bolts in and out directly on the vehicle
- Can be extended by pressure/support sleeves from the **KL-0039 series**
- Can also be used steadily due to its mounting base
- Length and width adjustable

Suitability: Universal

Only in combination with KL-1005-100 A (Additional mechanical drive parts necessary)!



Code	No.	Width (inside)	Length (inside)	Max. load:
3275280	KL-1039-1111	180 - 320 mm	500 - 700 mm	28 t

KL-1002-1010 DRIVE KIT M20 for hydr. cyl. With 89 mm			Made in Germany			ols with a hydraulic cylinder e.g. NIKE [®] hydraulics)
Code No. 2447509 KL-1002-1010	Max. load: 20 t		Length pull sp 590 mm	indle		t pull spindle to UNC 1"-8
KL-0040-2800 HYDRAULIC CYLINDER	28T		Made in Germany	pushing • For the blocks,	Iow-piston cylinder is s removal and installation bearings and suspensio	n of cardan shafts, silent
Code No. Max. admissible force 2016893 KL-0040-2800 285 kN (28 t)	Max. Max. oil stroke pressure 50 mm 700 bars	Thread with hollow piston M24	Fastening thread, pressure side 2¾"-16 UN	Fastening thread, pull side M42x2	Cylinder outside diameter 99 mm	Connection thread for hydraulic coupling 3/8" NPT
KL-0215-36 M28				 Compresentation Foot per and reliand 		ing s for pumping, holding,
Code No. 2478730 KL-0215-36 M28	Max. pressure 700 bars		Operating press 8 - 12 bar	sure		Weight 8 kg
KL-1025-105 SHAFT SEAL PRESSER) (Co		Made in Germany	 shaft sea For prof For prof magnet 	al ring. fessional assembly of th fessional assembly of th t wheel er assembly leads to lea Weight	e inner shaft seal ring with
3089304 KL-1025-105 Commercial vehicle promotion 2023/EN 2.0. Misprints and errors excepted.	105 mm				3 kg	21
commercial venice promotion 2023/EN 2.0. Mispfints and errors excepted.				P	XLE REPAIR	E1



KL-0169-82 LOOSENING TOOL FOR TIE ROD END

GEDOREF

Made in Germany



Fits universally for tie rod ends on commercial vehicles, buses, and tractors.

- For quick and professional installation and removal of sluggish tie rod ends
- Power transmission across the entire tie rod end
- No need to replace the tie rod or push rod
- Drive via 3/4" square socket

74							
Code	No.	Drive	Height (inner)	Diameter (inner)	U-shaped cut-out	Height (outer)	Diameter (outer)
3267806	KL-0169-82	3/4"	70 mm	80 mm	65 x 40 mm	90 mm	95 mm

3/."

AXLE REPAIR

KL-0169-83 TRACK ROD WRENCH, SIZE 30

Made in Germany





Suitable for tie rods with SW 30 adjustment thread, for example for Deutz-Fahr, Fendt, etc.

- For quick and professional loosening and adjusting of sluggish tie rods
- Closed power transmission via the counterholding surfaces
- No slipping or widening as with open-ended wrenchs
- Conventional open-end wrenchs are too wide
- No need to replace the tie rod or push rod

Code	No.	SW	for profile	Drive (square)	Design	Length
3442748	KL-0169-83	30 mm	2-edge / hexagon	3/4"	separated	120 mm

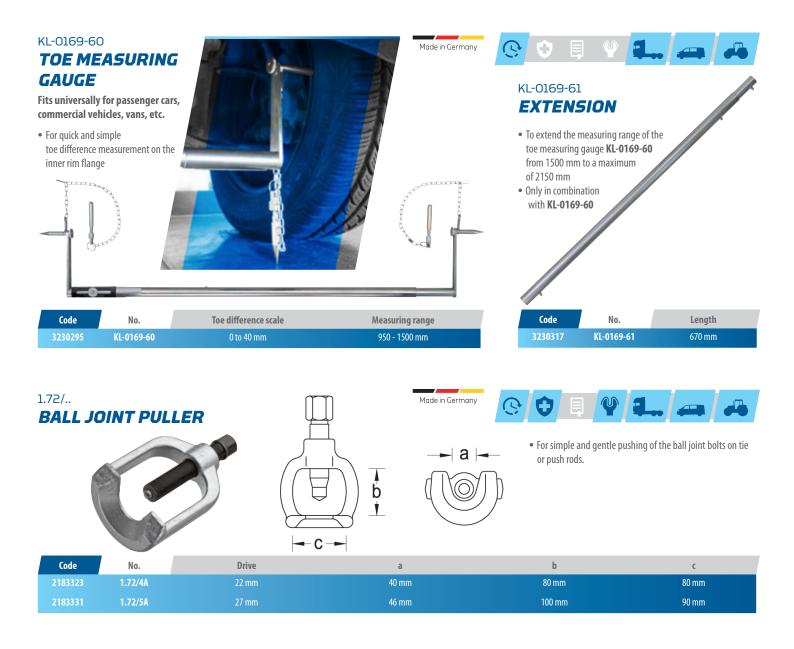
MAZDA MERCEDES MINI NISSAN PEUGEOT	Application video	
Code No. Drive	ŠKODA For Ø (min.)	For Ø (max.)
3427900 KL-0167-30 A 1/2"	30 mm	43 mm

KL-4007-3270 **EXTENSION 700 MM, 1/2"**



G

1/2″





24

KL-0165-35 BALL JOINT BREAKER SIZE 3

Made in Germany





Suitable for support joints MB sprinter, VW LT, guide joint VW T4, MB Citaro EvoBus 0 530 stabiliser ball joint etc.

- For removing ball joint connections on axle and steering systems
- Variable due to exchangeable forks

Recommended accessories: 1993 U-20 - reversible ratchet 1/2"

Suitability: universally, especially for:



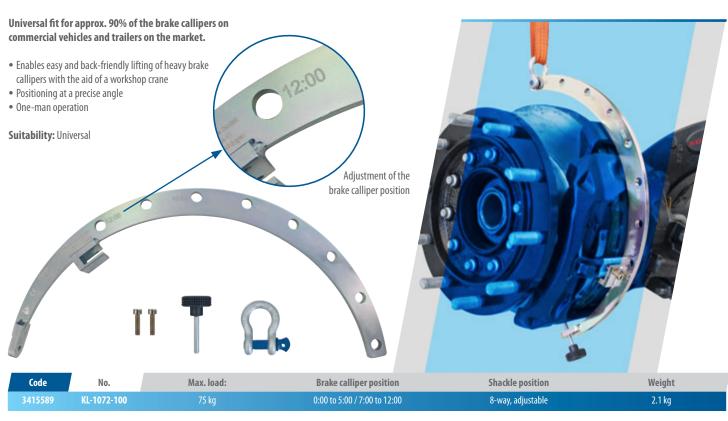
2	p	a	r	ts	
_	М	ч		~	

Code	No.	Size	Fork width (e)	Fork opening (a)	SW	Spindle	Length (d)	Weight
1753614	KL-0165-35	Size 3	80 mm	33 mm	24 mm	M24x1.5 x 135	200 mm	5.6 kg

IN 32 L1 IN-HEX	55 SOCKETS	1		Made in Germany	S 🗘 🗐 🖞 💶	
3 ⁄⁄					 For professional removal and tight fastening screws The 155 mm long version also ma possible to reach deep-seated brackastening screws 	akes it
Code	No.	Spanner size	Profile	Shaft length	Overall length	Drive
2003503	IN 32 L 14-155	14 mm	Inner hexagon	100 mm	155 mm	3/4"
1353705	IN 32 L 17-155	17 mm	Inner hexagon	100 mm	155 mm	3/4"
2003511	IN 32 L 19-155	19 mm	Inner hexagon	100 mm	155 mm	3/4"

Made in Germany

KL-1072-100 BRAKE CALLIPER LIFTING DEVICE



KL-0114-22 **BRAKE SPRING PLIERS COMMERCIAL VEHICLES**



Universally applicable.

- For unhooking and rehooking brake shoe retaining springs



KL-0121-512 **HOSE CLAMP PLIERS**





Code	No.	Design	Length	Weight
3435504	KL-0121-512	extra song	535 mm	1.1 kg

KL-1070-13.. Made in Germany **DOUBLE SLOGGING SPANNER** Can be used on screw connections with hexagonal, double hexagon and Torx[®] profiles. • Unique slogging spanner with double spanner profile • Easy-made loosening and tightening of tight-fitting screw connections • Professional tightening of the fittings according to their torque with 3/4" inner square KL-1070-1301 • High industrial quality for heavy and permanent use • Slim design for areas which are hard to reach • Engraved torque conversion formula KL-1070-1302

KL-1070-1303 $\mathbf{O} \mathbf{O} \mathbf{M}$ Code Length No. Spanner size KL-1070-1301

21 1000 + 24 000	12-euge	5/4
19 mm + E24	12-edge / TX	3/4"
E18 + E20	ТХ	3/4"

Profile

KL-1070-1302 KL-1070-1303

Square socket

KL-0190-55 PLIERS FOR AIR LINE





Fits universally for plastic compressed air lines with an external diameter of 6, 8, 10, 12, and 16 mm.

- For a stable and damage-free fixing of the plastic compressed air line
- Helpful when installing a knock-in nipple or line connector

Code	No.	For line diameter	Length
3036324	KL-0190-55	6, 8, 10, 12, 16 mm	280 mm

KL-0132-14 K THREAD REPAIR KIT FOR EXHAUST SENSOR

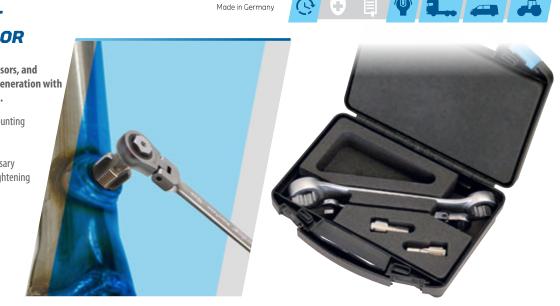
Universal fit for NOx sensors, lambda sensors, and injection units for soot/particle filter regeneration with mounting threads M20x1.5 and M22x1.5.

- For quick recutting of coked or damaged mounting threads on the exhaust pipe
- Also for very confined spaces

5parts

1/5"

- No removal of the entire exhaust pipe necessary
- Incl. open ring spanner for loosening and tightening the exhaust sensors and units



Code	No.	Тар	Tap length	Tap drive	Double ring spanner
3430847	KL-0132-14 K	M20x1.5 + M22x1.5	45 mm	SW13 mm	SW22 + 24 (open)



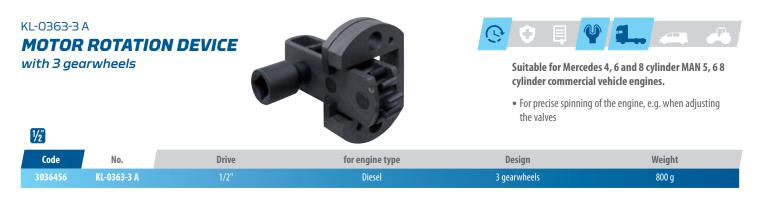




Suitable for Mercedes 6-, 8 and 10 cylinder MAN 12 cylinder commercial vehicle engines.

• For precise spinning of the engine, e.g. when adjusting the valves

72					
Code	No.	Drive	for engine type	Design	Weight
3036421	KL-0363-2 A	1/2"	Diesel	2 gearwheels	470 g



KL-0363-4

MOTOR ROTATION DEVICE

with 1 gearwheel





Fits for MAN 6 and 8 cylinder commercial vehicle engines. (Engine code: D20, D25, D26, D28)

• For an exact rotation of the engine

1/2"				
Code No. 2432366 KL-0363-4	Drive 1/2"	for engine type Diesel	Design 1 gearwheel	Weight 480 g
KL-0363-5 MOTOR ROTATION DEVICE	8		vehicle engines.	ault 6 cylinder commercial the engine, e.g. when adjusting the
<u>1/2</u> "				
Code No. 3036359 KL-0363-5	Drive 1/2"	for engine type Diesel	Design 1 gearwheel	Weight 790 g
1-0363-7 MOTOR ROTATION L	DEVICE	Made in Germany	engines.	cylinder commercial vehicle the engine, e.g. when adjusting the
Codo No	Drivo	for ongine tune	Docign	Woight
Code No. 3036383 KL-0363-7	Drive 1/2"	for engine type Diesel	Design 1 gearwheel	Weight 230 g
3036383 KL-0363-7 KL-0363-8 MOTOR ROTATION L	1/2"		1 gearwheel	
3036383 KL-0363-7 KL-0363-8 MOTOR ROTATION L	1/2"		1 gearwheel Image: space of the system of	230 g ault 6 cylinder commercial the engine, e.g. when adjusting the Weight
3036383 KL-0363-7 KL-0363-8 MOTOR ROTATION L 1/2 No. 3036413 KL-0363-8 KL-0363-9 A MOTOR ROTATION L	1/2" DEVICE Drive 1/2"	Diesel	1 gearwheel	230 g
3036383 KL-0363-7 KL-0363-8 MOTOR ROTATION L	1/2" DEVICE Drive 1/2"	Diesel for engine type Diesel	1 gearwheel	230 g

28

ENGINE

Commercial vehicle promotion 2023/EN 2.0. Misprints and errors excepted.

KL-0122-53 FILTER SOCKET size 46			Suitable for filter caps with SW46, for e Suitable for filter caps with SW46, for e Tec° motors on commercial vehicles. • For unscrewing and tightening the filter caps Suitability: Universal, particularly for mathematical	ар
Code No.	Spanner size:	Profile	Drive	Depth
2486059 KL-0122-53	46 mm	6-edge	3/8"	30 mm
KL-0122-51 FILTER SOCKET size 32			Image: Constraint of the second se	
Code No. 1807390 KL-0122-51	Spanner size: 32 mm	Profile 6-edge	Drive 3/8"	Depth 30 mm
36 1-140 STRAP WRENCH Ø 140 mm	J I I I I I I I I I I I I I I I I I I I	Made in Austria	• For unscrewing and tightening oil filter ca • With strong, non-slip fabric tape (E-36), e • Quality steel C45 • Chromed	rtridges and caps
Code No. 6327320 36 1-140	ø 140 mm	Length 220 mm	Strap width 25 mm	Weight 278 g
36 2-200 STRAP WRENCH Ø 200 mm		Made in Germany	• With strong, non-slip fabric tape (E-36), e • GEDORE vanadium steel 31CrV3 • Chromed	xtra wide = 25 mm
Code No. 6327400 36 2-200	Ø 200 mm	Length 285 mm	Strap width 25 mm	Weight 578 g
KL-0124-59 RELEASE TOOL FOR HENN® CLAMP		Made in Germany	Organization Organization Universally suitable for HENN® clamps of the charge-air hoses. • For professionally loosening and unlocking • For professionally loosening and unlocking • The handle can be moved by 90° • Also suitable for hard-to-reach places	on cooling water or
Code No. 2961830 KL-0124-59	Length 98 mm	Pin distance 16 mm	Pin width 2 mm	Weight 120 g





- Extensive socket spanner assortment in 1/4" and 1/2"
- Combination spanner kit SW 6-34 (cranked) and SW 10 41 (XL)
- Ring ratchet open-end spanner, starter block spanner, open double ring spanner
- Wide range of screwdrivers, pliers, impact tools, and many more
- Completeness check due to 2 coloured foam inserts
- Large storage space with lower shelf and door
- Safety through heel protection for persons
- Central locking with cylinder clock
- Drawers with full extension, removable
- Safety locking per drawer, one-hand operation
- GEDORE trapezoidal axle design for smooth running,

nsert

u u •				manoeuvrability, and	directional stability
				Recommended access 2005 CT3-32 - Spanner	sories: assortment 3/4" in foam in:
Code	No.	Load-carrying capacity per drawer	Load-carrying capacity lower drawer	Total load carrying capacity (static/mobile)	Dimension (WxHxD)
3434834	1504 XL-S-306	40 kg	60 kg	1,000 / 750 kg	1,250 x 985 x 630 mm

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Weight 183 kg



 Extensive product range for commercial vehicles/ agricultural machinery for professionals

EDORE

- Tools in metric design
- Broad drawers with full-extension runners
- Central locking with cylinder clock
- Safety locking per drawer, one-hand operation
- Gently and neatly organised: Drawer placement with full-surface checking tool inserts

THE STATE

• Dimensions: H 985 x W 1200 x D 550 mm

302 parts

Code	No.	Content	Total load carrying capacity (static/mobile)
3418367	KL-4999-420	1/4" assortment (SW 4-13, IN 4-8 and T8-T25) 1/2" assortment (SW 10-32, T20-T60 long, IN 6-19, and IN long 6-14, power screwdriver inserts SW 17-32, and telescopic ratchet) 3/4"-assortment (SW 21-60, E24 and IN long SW 14, and power screwdriver inserts SW 24-41, and articulated handle 980 mm) Bit set and ratchet screwdriver Screwdriver sets (Slotted 4.5-8, PH 1-4, T10-T40, and IN 2-10) Spanner sets (SW 6-41 + brake line and starter block spanners) Impact wrench sets (E18/E20/E24, hex SW 24/26/27, and hex SW 19/21/24) Extensive range of pliers Extensive range of impact and lever tools Extensive range of measuring, cutting, and machining tools	1000 kg / 750 kg

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HAND TOOLS

32

2005 XL 0221 DOOL TROLLEY with 5 drawers NEW: extra wide drawers		Made in Germany	 Storage surface of ABS plastic v compartment Manoeuvrable and easy to stee Side walls with Euro perforatio With edge impact protection Central locking with cylinder cl Broad drawers with full-extens Safety locking per drawer, one- Even with maximum load capa manoeuvrable, and directional 	er in lock sion runners (removable -hand operation icity: smooth running, Ily stable
Code No. 3437515 2005 XL 0221	Load capacity per drawer 60 kg	Load capacity lower drawer 70 kg	Total load capacity (dynamic/static) 750 kg / 1,000 kg	Weight 92 kg
2005 XL 0330 TOOL TROLLEY with 6 drawers NEW: extra wide drawers	GEDORE	Made in Germany	 Storage surface of ABS plastic v compartment Manoeuvrable and easy to stee Side walls with Euro perforatio With edge impact protection Central locking with cylinder cl Broad drawers with full-extense Safety locking per drawer, one- Even with maximum load capa manoeuvrable, and directional 	er in lock sion runners (removable) -hand operation icity: smooth running,
Code No.				
	Load capacity per drawer	Load capacity lower drawer	Total load capacity (dynamic/static)	Weight
3437523 2005 XL 0330	Load capacity per drawer 60 kg	Load capacity lower drawer 70 kg	Total load capacity (dynamic/static) 750 kg / 1,000 kg	Weight 97 kg
	60 kg		750 kg / 1,000 kg	97 kg
3437523 2005 XL 0330 BR 1500 LH COMBINATION OF	60 kg F WORKBENCH GEDOREF	70 kg Made in Germany	 750 kg / 1,000 kg Sheet steel, corrosion and scrat 40 mm strong, oiled multiplex Large storage space with roller Back panel with square perfora Separated central lock for draw 5 broad drawers with partial ex Recommended accessories: 1500 HS 23 - 85 piece hook asso 	97 kg
3437523 2005 XL 0330 BR 1500 LH with cabinet	60 kg F WORKBENCH GEDOREF	70 kg	 750 kg / 1,000 kg Sheet steel, corrosion and scrat 40 mm strong, oiled multiplex Large storage space with roller Back panel with square perfora Separated central lock for draw 5 broad drawers with partial ex Recommended accessories: 1500 HS 23 - 85 piece hook asso 	97 kg



Commercial vehicle promotion 2023/EN 2.0. Misprints and errors excepted

32 EMU-2 SOCKET SPANNER 14 pieces, 6-edge 22 - 50 mm	KIT 3/4"			 With forged, hardened and tempered, hand-operated hexagonal socket spanner Actuating tools made of GEDORE vanadium steel 31CrV3 With fine-toothed reversible ratchet In GEDORIT blue sheet steel case
Code No. 6280340 32 EMU-2	Dimensions 525 x 203 x 73 mm		Drive 3/4"	Weight 11.6 kg
0200340 32 LM0-2	11111 67 X 602 X 626			п.оку
7 XL-012 RING-FORK SPANN extra long	IER SET,	Made in G		 Especially long version In a practical compilation With the same spanner sizes, ring side with an angle of 15, with UD profile With hollow shaft GEDORE vanadium steel 31CrV3, chromed
Code No.		(0	ontent	
6095950 7 XL-012			17, 19, 22, 24, 27, 30, 32	
KL-4007-500 WRENCH EXTENSI <i>universal, 380 mm</i> OCCONTANT • For easy extension of spanners and offse • For loosening tight screw connections in	et screwdrivers			
Code No.	Length			Weight
3406504 KL-4007-500 900 20 LI-MH LED LAMP U	380 mm	er Diffe		 1.4 kg Image: A state of the state of t
3 parts	longth	Duighturan		Detter
Code No. 3108678 900 20	Length 477 mm	Brightness 620 lumen	Lamp po 16 W	

KLM-0202 **MKP LONGSLEEVE**

- 100% Organic cotton (220 g/m²)
- Manufactured under fair working conditions
- Applications on chest, back, and arm



Code	No.	Size
341940	01 KLM-0202-S	S
341942	28 KLM-0202-M	М
341943	36 KLM-0202-L	L
341944	14 KLM-0202-XL	XL
34194	52 KLM-0202-XXL	XXL



KLM-0402 **MPK SOFTSHELL WAISTCOAT**

- Breathable with permanently water-repellent coating
- Windproof three-layer membrane fabric
- Zipped pockets, adjustable elasticated hem
- Manufactured under fair working conditions
- Application on the front



Code	No.	Size
3419517	KLM-0402-S	S
3419533	KLM-0402-M	М
3419541	KLM-0402-L	L
3419576	KLM-0402-XL	XL
3419584	KLM-0402-XXL	XXL











Code	No.	Length	Burn time	Battery capacity	Charging time	Weight
3301760	R95600320	320 mm	12 h	2.500 mAh	4 h	260 g

R9540014! SPOTLI					 Compact, portable spotlight Ideal for working in places wit Rubberised surround, therefor 180° rotatable base Stand can also be hung up or of Easy alignment of the light Power bank function for charge 	e shockproof and splashproof used as a carrying handle
Code	No.	Width	Burn time	Battery capacity	Charging time	Weight
3301761	R95400145	145 mm	6 h	4.400 mAh	4 h	640 g

GEDred



OCHSENKOPF is a sign for perfection and safety in forestry and carpenter's tools. Since its foundation in 1781 by the Fahlefeld brothers, the best steel with the best grind has been forged to the highest level of quality in the Remscheid axe forge. An OCHSEN-KNOPF axe stands for craftmanship at the highest level. It is still the pride of the traditional Bergisch tool industry. A brand like a myth.

38

0X 635 H-3009 PROFI WOOD SPLITTING HAMMER BIG OX®



Made in Germany

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170763 0X 635 H-3009 3 kg 70 mm 900 mm 4.2 kg OX 648 H-1257 Made in Germany Image in	Code	No.	Weight (head)	Cutting edge width	Length	Weight (total)
SPALT-FIX® AXE ROTBAND-PLUS Made in Germany Made in Germany Made in Germany OR USERNOP CONTRACTOR OF CONTRACTON	1707663	OX 635 H-3009	3 kg	70 mm	900 mm	4.2 kg
Shaped blade design • With ROTBAND-PLUS handle fastening			ROTBAND-PLUS	Made in Germany	<u>ि</u> 🗘 🗐 🖞	1 4
			ocustikola - 2854		shaped blade design • With ROTBAND-PLUS	handle fastening

Code	No.	Weight (head)	Cutting edge width	Length	Total weight
1962396	OX 648 H-1257	1250 g	100 mm	717 mm	2.15 kg



Commercial vehicle promotion 2023/EN 2.0. Misprints and errors excepted

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KL-1000-20 A **KINGPIN PRESS 65 t** WITH SLEEVE SET



Fits universally for commercial vehicles. For quick and professional insertion and removal of kingpins on commercial vehicles.

Advantages:

- Pneumatic high-speed hoist!
- One-man operation!
- Developed to meet the latest safety requirements!
- Universal fit, on the vehicle as well as free-standing!
- High time saving!
- Universally adjustable press frame which can be turned by 180°!
- Easy and quick positioning on the vehicle due to the quick adjustment across three axes!

Suitability: Universal

Code	No.	Press force	Clear width/height (max.)	Stroke	Air connection (max.)	Weight
3091600	KL-1000-20 A	65 t	290 / 480 mm	120 mm	13 bars	130 kg

GEDORE



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