

HV Range 1000 Volt



**ALL FOR
THE E-MOBILITY
WORKSHOP**

PREMIUM UPGRADE FOR THE E-MOBILITY WORKSHOP



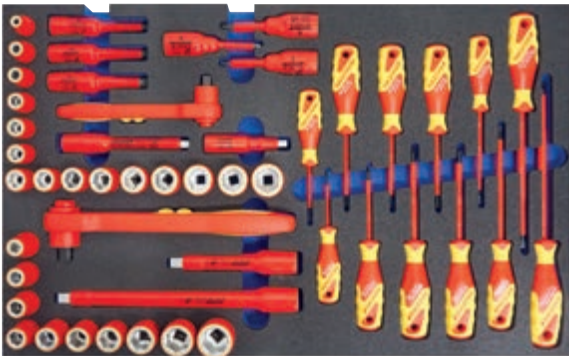
KL-4600-200

TOOL TROLLEY WITH HIGH-VOLTAGE ASSORTMENT (103 PARTS)

- 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
- Includes: digital voltage tester, 3/8" VDE torque spanner, Safety lock, sockets, and ratchet, 3/8" and 1/2", and many more

Content:

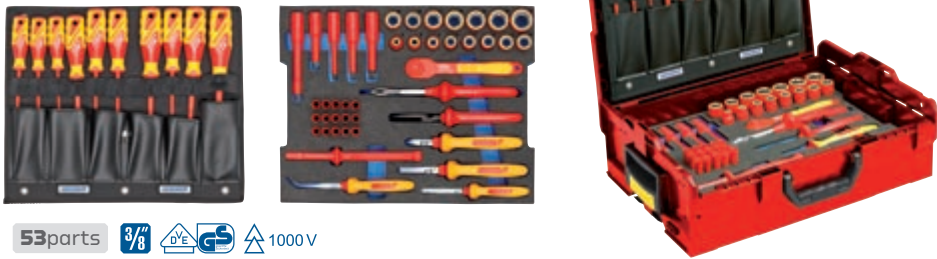
- 3/8" VDE-tool assortment with SW 6 - 22; XZN M8 - M12
- 3/8" VDE torque spanner 5 - 25 Nm
- 1/2" VDE workshop assortment with SW 10 - 24; IN 5 - 8 mm
- VDE single open-end spanner SW 9 - 24
- VDE single end ring spanner SW 8 - 22
- VDE slotted and cross-head screwdriver; TX T8 - T30
- VDE cable shear, 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
- Rubberised cloth cover 250 x 350 mm
- ISO insulation mat
- Barrier tape
- Warning sign "Flash"
- Warning sign high voltage "Switched ON", Warning sign "Switched OFF"
- Safety padlock
- Plastic clamp 80 mm; 160 mm
- Cable splitting wedge
- Rubber hammer



103parts 3/8" 1/2" DVE GS 1000 V

Code	No.	Dimensions	Number of drawers	Load capacity (mobile/static)	Load capacity (per drawer)	Design
3415740	KL-4600-200	H 985 W 775 D 475 mm	6	650 kg / 900 kg	40 kg	3/8" + 1/2"

1100-1094
**VDE TOOL KIT
HYBRID**



- 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
- GEDORE L-BOXX® 136 is compatible to the Sortimo® vehicle equipment in your service car

53parts 3/8" D+E 1000V

Code	No.	Content	Length in mm	Width in mm	Depth in mm	Weight in kg
2979063	1100-1094	3/8" VDE socket spanner no. VDE 30, 6 8 9 10 11 12 13 14 15 16 17 18 19 20 22 mm 3/8" VDE screwdriver bit no. VDE INX 30, 8 10 12 mm 3/8" VDE extension no. VDE 3090 -3 -6, 75 150 mm, 3/8" VDE reversible ratchet no. VDE 3093 U VDE slotted screwdriver no. VDE 2170, 2.5 3.5 4 5.5 mm VDE cross-head screwdriver no. VDE 2160 PH 1 2 3 VDE TX screwdriver no. VDE 2163 TX T20 T25 T30, VDE cable shear no. VDE 8094, 200 mm VDE universal pliers no. VDE 146 10, 10", VDE power combination pliers no. VDE 8250-200 H, 200 mm 2K handle VDE high leverage diagonal cutter no. VDE 8314-180 H, 180 mm VDE Flat round-nose pliers no. VDE 8132 AB-200 JC, 200 mm, angled 2K handle VDE flat pliers no. VDE 8120-160 H, 160 mm 2K handle VDE cable stripping knife no. VDE 4522, 180 mm, meter connection fitting no. V 914, size 1 2 3 + GEDORE L-BOXX®	357	442	151	8.28

KL-4600-100 K
**VDE SUPPLEMENTARY
KIT**



Made in Germany



- The unique VDE supplementary kit offers the possibility to secure hybrid and electric vehicles ideally for working on them
- Perfect addition to the VDE tool kit 1100-1094
- For maximum safety at the workplace
- Includes an empty compartment to accommodate a VDE torque spanner 4508-02/-05

Includes a digital HV tester!

10parts

Code	No.	Content	Weight
3413659	KL-4600-100 K	1x V 912 10 - Electrician's protective gloves incl. undersleeves, 1x VDE 910 25 - Rubber cloth cover 250 x 350, 1x V 911 100 - ISO Insulation mat, 1x KL-4600-1001 - Barrier tape, 1x KL-4600-1002 - Warning sign "Flash", 1x KL-4600-1003 - Voltage tester 1.000 V, 1x KL-4600-1005 - Safety padlock, 1x KL-4600-1006 - Warning sign High voltage "Switched on", 1x KL-4600-1007 - Warning sign High voltage "Switched off" + GEDORE L-BOXX®	11 kg

KL-4600-10 Z
**VDE HYBRID TOOL
INCL. SUPPLEMENT**



**Complete package
at a special deal**

Code	No.	Consisting of
3418642	KL-4600-10 Z	KL-4600-100 K VDE supplementary kit and 1100-1094 VDE HYBRID tool kit

**IDEAL FOR
HYBRID /
E-VEHICLES
UNIVERSAL
FAST
SAFE**

PATENTED

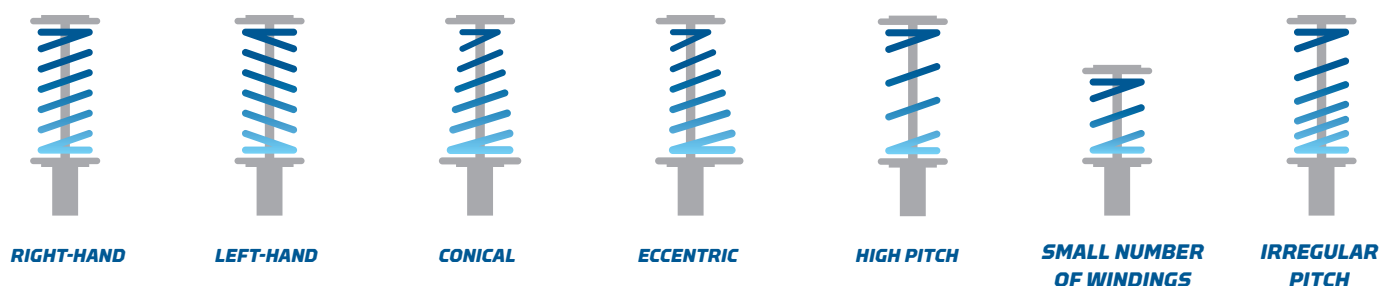


KL-5501 B

SPRING COMPRESSOR

THE PERFECT COMPANION FOR THE FUTURE

The patented tensioning of McPherson suspension struts via the strut bearing makes the KL-5501 B stationary spring compressor fully eMobility-compatible. Due to their high weight, electric vehicles are being equipped with increasingly stronger springs at the factory, for which conventional spring compressors with engagement via the spring are often unable to generate sufficient clamping power and spring replacement is therefore not possible without risk. Since the spring is tensioned via the upper spring plate against the lower one, neither the shape of the spring nor the spring pitch play a role. With this unique method, the entire spring strut is tensioned, so to speak, and thus the installation situation in the vehicle is readjusted.



1

CONTINUOUSLY ADJUSTABLE

- Fits practically any MacPherson suspension/damper strut available on the market
- Fits practically all spring plate diameters | C
- Pivoted and slideable spring holding devices adjust to practically any spring plate contour | A, B
- Inclined spring plate mounting for secure fitting of tilted spring plates | D
- No damage to the coil spring coating from clamping with the spring plate



2

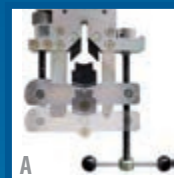
SAFE ONE-PERSON OPERATION

- Easy and quick to handle in the workshop's daily routine
- Work done by just one person
- Very safe and user-friendly overall design

3

DAMAGE-FREE WORKING

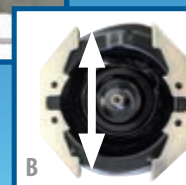
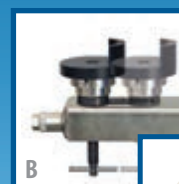
- Adjustable quick clamping device for damage-free suspension strut fitting | A
- No damage to the damper tube thanks to plastic clamping jaws at the holding device



4

HORIZONTALLY ADJUSTABLE MOUNTING

- Allows the piston rod to be exactly aligned to the spring plate | B
- Height-adjustable support fitting practically any suspension strut length | A

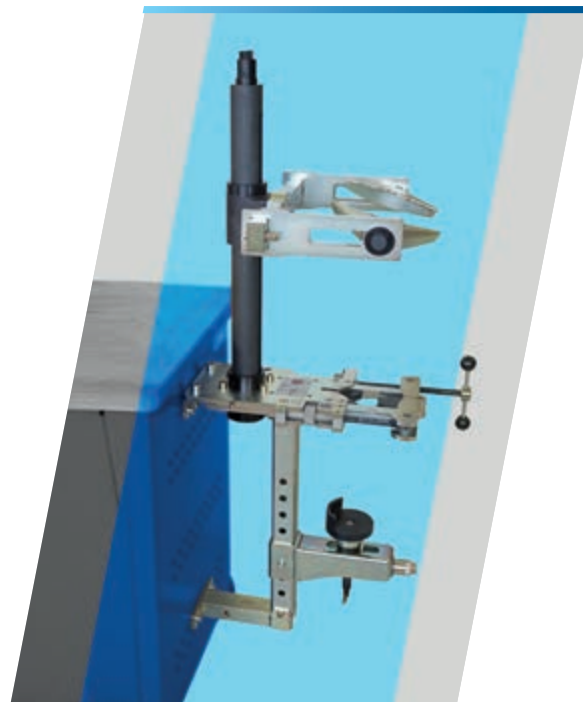


Universal fit for nearly all McPherson suspension struts on the market.

- **UNIQUE, FAST and SECURE**, simply **BETTER!**
- Compresses even the strongest springs - E-MOBILITY-READY
- Damage-free security via the shock absorber tube
- Safe compressing directly via the strut bearing
- Spring shape and pitch completely irrelevant
- The Solution does not touch the spring
- Maximum user safety
- Simple handling
- One-man operation
- High load capacity
- 4-way safety

ACCESSORY

- KL-5501-211 MODULO and Wall Bracket, short
- KL-5501-212 Wall Bracket, long
- KL-5501-40 Hand Crank
- KL-5501-31 Collar Mounting Kit, Ø 60 / 90 mm
- KL-5501-1435 A Adapter for Shock Absorber



Code	No.	Drive	Breaking point	Load capacity (max.)	Weight	Opening width (max.)	Spring plate Ø (min.)	Spring plate Ø (max.)
3230503	KL-5501 B	SW 24	60.000 N	15.000 N	46 kg	570 mm	125 mm	220 mm

KL-0080-SERIES

REPAIR KIT FOR CABLE/PLUG CONNECTIONS

Clean drives, reliable assistance systems and the goal of fully autonomous driving.

What already seems technically solvable today develops immense challenges when it comes to repairs later in the workshop.

The progressive digitalisation of vehicle technology requires a complex electronics management system in which sensors, actuators and radio transmitters interconnected in a far-reaching wiring system.

Today, a wiring harness consists of up to 8 km of cable, thousands of plug connections and various shielding systems.

In order to save weight, cables are becoming thinner and plug connections increasingly difficult.

The smallest changes in the cable cross-sections or the plug connections can cause serious faults. Therefore, a professional repair is essential, which with this kit provides in restoring the factory condition.

GEDORE KLANN EXPERIENCE stands for in-depth expertise in this specialist area of vehicle repairs. Resourcefull, time-saving, safe, professional.



KL-0080-1 K



KL-0080-11 K

NEW

KL-0080-1 K
WIRING HARNESS REPAIR KIT
with consumables



Universal fit for common cable/plug connections on passenger cars, commercial vehicles, vans, buses, construction machinery, agricultural machinery, trailers and semi-trailers.

Especially for cable/plug connections with and without single wire seal (ELA) such as MCP-2.8, JPT, MQS, DTM/DT-turned, SuperSeal-1.5 as well as for conventional crimp connections such as cable lugs, flat plugs, flat receptacles and butt connectors, etc.

UNLOCKING, STRIPPING and CRIMPING, everything ready to hand in a clearly arranged case system, developed for fast, organised and efficient repair work in the everyday workshop.

Defective, oxidised or provisionally repaired cable/plug connections can lead to serious system failures on the vehicle. For this purpose, the repair kit for professionals offers a comprehensive and robust assortment for quick and professional repair of almost all common cable/plug connections on the vehicle. Thanks to the unique and compact basic tool/interchangeable 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 contact and seals.

UNLOCKING: Unlocking tool with matching interchangeable inserts for 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 insulation.

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.

28Pcs + 1025 small parts

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

KL-0080-11 K
REPAIR KIT
for FAKRA plug connection



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.



18pcs + 60 small parts

Code	No.	Cable diameter (RTK031)	Cable diameter (RG174)
3424634	KL-0080-11 K	3.2 mm	2.8 mm

VDE INSULATED TOOLS

When working on electrical installations or hybrid and electric vehicles safety at work is the top priority. With insulated tools from GEDORE, you are on the safe side.

All VDE safety tools made by GEDORE - from spanners, screwdrivers and pliers to torque wrenches - are manufactured in such a way that they reliably protect the user from electrical shock when used as intended. To achieve this, GEDORE performs every single step, right down to the 100% testing of the electrical insulation properties on the 10,000 V high-voltage test facility.

In addition, all VDE tools meet the DIN-ISO requirements with regard to their properties such as hardness and torque.

GEDORE is not satisfied with just the standard. That is why the tools have intelligent additional functions such as the Check-Tool insulation or the ultra-small blade diameter of the SLIM DRIVE screwdrivers.



HOW DO I RECOGNISE SAFE INSULATED TOOLS?

- Only tools with all test marks are considered to be insulated
- Additionally marked with the name of the manufacturer, model or type designation and year of manufacture



- Tools marked with the double triangle are individually tested
- Testing at 10,000 V AC based on EN 60900/IEC 60900

1000 V

- VDE insulation: insulated up to 1000 V



- Testing performed by VDE Test Institute
- Compliance with tool and safety standards guaranteed
- Tools meet the requirements of the German equipment safety law



- Tool complies with the Equipment and Product Safety Act (GSPG) according to testing and certification office



SAFE INSULATED



SAFE UP TO 1000 VOLT

- VDE insulation: insulated up to 1000 V according to EN 60900/IEC 60900
- Safe working under electrical voltage
- Up to AC 1000 V (alternating voltage)
- Up to DC 1500 V (direct voltage)

VDE CHECK-TOOL INSULATION

- All GEDORE VDE soft-plastic insulated safety tools have the Check-Tool insulation.
- The two-colour multi-layer insulation - red on the outside, yellow on the inside - complies with the BGV A3 (VBG-4) regulation.
- The tool must not show any discernable damage. If yellow is visible, it is high time to dispose of the tool



The two-ply
Check-Tool
insulation



Insulated tools

VDE 2 E

VDE Single ended ring spanner deep offset



- > Vanadium steel 31CrV3
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation

Code	No.		mm
6035890	VDE 2 E 8	8	170
6035970	VDE 2 E 9	9	170
6036000	VDE 2 E 10	10	170
6036190	VDE 2 E 11	11	180
6036270	VDE 2 E 12	12	190
6036350	VDE 2 E 13	13	190
6036430	VDE 2 E 14	14	210
6036510	VDE 2 E 15	15	215

Code	No.		mm
6036780	VDE 2 E 17	17	220
6036860	VDE 2 E 19	19	240
6036940	VDE 2 E 22	22	260
6037080	VDE 2 E 24	24	280
6037160	VDE 2 E 27	27	295
6037240	VDE 2 E 30	30	310
6037320	VDE 2 E 32	32	330

VDE 894

VDE Single open ended spanner



- > Vanadium steel 31CrV3
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- > Jaw set at 15°

Code	No.	mm	mm
6572040	VDE 894 9	9	105
6572120	VDE 894 10	10	105
6572200	VDE 894 11	11	115
6572390	VDE 894 12	12	125
6572470	VDE 894 13	13	135
6572550	VDE 894 14	14	145
6572630	VDE 894 15	15	150
6572710	VDE 894 16	16	155

Code	No.	mm	mm
6572980	VDE 894 17	17	160
6573010	VDE 894 19	19	175
6573280	VDE 894 22	22	200
6573360	VDE 894 24	24	220
6573440	VDE 894 27	27	245
6573520	VDE 894 30	30	265
6574920	VDE 894 32	32	280

V 60 CP

Single open ended spanner adjustable, 1000 V



- > Immersion Insulated
- > Piece tested, protective insulation up to 1000 V

Code	No.	Size "	mm
2179040	V 60 CP 6	6	20
2179059	V 60 CP 8	8	25

Code	No.	Size "	mm
2179067	V 60 CP 10	10	30
2179075	V 60 CP 12	12	36

VDE 2133

VDE Socket wrench with 3C-handle



- > Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort
- > Insulated up to 1000 V, according to EN 60900/IEC 60900
- > Hanging hole on handle for space-saving storage

Code	No.				Head-Ø	Ø	
1747045	VDE 2133 3	3	125	225	9	8,9	0,109
1747053	VDE 2133 4	4	125	225	10	8,9	0,111
1747061	VDE 2133 5	5	125	225	11	8,9	0,112
1747088	VDE 2133 6	6	125	225	12	8,9	0,114
1747096	VDE 2133 7	7	125	235	14	9,9	0,152
1747118	VDE 2133 8	8	125	235	15	9,9	0,154
1747126	VDE 2133 9	9	125	235	16	9,9	0,154
1747134	VDE 2133 10	10	125	235	17	9,9	0,161
1747142	VDE 2133 11	11	125	254	19	10,9	0,193
1747150	VDE 2133 12	12	125	245	20	10,9	0,196
1747169	VDE 2133 13	13	125	245	21	10,9	0,199
1747177	VDE 2133 14	14	125	245	22	10,9	0,198
1747185	VDE 2133 17	17	125	245	26	10,9	0,222

VDE 4508

VDE Torque wrench 5-50 Nm



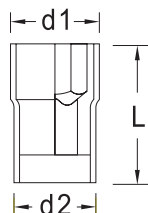
- > Release system triggers a tactile and audible signal
- > Recalibration without destroying the insulation
- > Fine toothed ratchet with square drive as per DIN 3120, ISO 1174

- > Safety button to protect against accidental release of the insert
- > Insulated up to 1000 V, according to EN 60900/IEC 60900

Code	No.	"	mm	Nm		mm	
3125335	VDE 4508-02	3/8"	10	5-25	1	319	0,714
3079066	VDE 4508-05	1/2"	12,5	10-50	2,5	369	0,825

VDE 30

VDE-Socket 3/8"
hexagon



- > With square drive as per DIN 3120 - C 10, ISO 1174
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- > 16 - 18 mm insulation overhang

Code	No.	mm	L	d1	d2	kg
2946386	VDE 30 6	6	44	13,7	23,0	0,030
2946394	VDE 30 8	8	44	16,1	23,0	0,035
2946408	VDE 30 9	9	44	17,5	23,0	0,035
2946416	VDE 30 10	10	44	18,7	23,0	0,035
2946424	VDE 30 11	11	44	20,0	23,0	0,035
2946432	VDE 30 12	12	44	21,2	23,0	0,040
2946440	VDE 30 13	13	44	22,5	23,0	0,040
2946459	VDE 30 14	14	45	23,7	23,0	0,045
2946467	VDE 30 15	15	46	25,0	23,0	0,050
2946475	VDE 30 16	16	46	26,2	23,0	0,060
2946483	VDE 30 17	17	46	27,5	23,0	0,065
2946491	VDE 30 18	18	46	28,7	23,0	0,075
2946505	VDE 30 19	19	46	30,0	23,0	0,075
2946513	VDE 30 20	20	47	31,2	23,0	0,085
2946521	VDE 30 22	22	48	33,7	23,0	0,105

VDE INX 30

VDE Screwdriver bit
socket 3/8"
for multi-point
screws XZN



- > With square drive as per DIN 3120 - C 10, ISO 1174
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation

Code	No.	mm	kg
2946564	VDE INX 30 8	M8	120
2946572	VDE INX 30 10	M10	120
2946580	VDE INX 30 12	M12	120

VDE 3090

VDE-Extension 3/8"



- > For hand-operated sockets with square drive as per DIN 3120, ISO 1174
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- > 16 - 18 mm insulation overhang

Code	No.	mm	kg
2946548	VDE 3090-3	3/8"	10
2946556	VDE 3090-6	3/8"	10

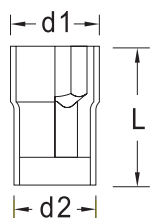
VDE 3093 U

VDE Reversible ratchet 3/8"
with push-button release



- > Absolutely secure hold of the attachments due to push-button locking with ball in the square drive
- > Direction changed by 2 push-buttons, marked R and L, on the shaft
- > Square drive according to DIN 3120 - A 10, ISO 1174
- > Insulated up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

Code	No.	mm	kg
2946599	VDE 3093 U	3/8"	10

VDE 19
 VDE-Socket 1/2"


- › With square drive as per DIN 3120 - C 12.5, ISO 1174
- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- › 16 - 18 mm insulation overhang
- › The diameter d1 for the dimensions 27, 30 and 32 is not standardized

Code	No.	mm	L	d1	d2	kg
6122510	VDE 19 10	10	54	19,5	27,0	0,070
6122780	VDE 19 11	11	54	20,7	27,0	0,067
6122860	VDE 19 12	12	54	22,0	27,0	0,070
6122940	VDE 19 13	13	54	23,2	27,0	0,069
6123080	VDE 19 14	14	54	24,5	27,0	0,073
6123160	VDE 19 15	15	55,5	25,7	27,0	0,088
1439294	VDE 19 16	16	55,5	27,0	27,0	0,086
6123240	VDE 19 17	17	55,5	28,2	27,0	0,084
6123320	VDE 19 19	19	56	30,7	27,0	0,092
6123400	VDE 19 22	22	57,5	34,5	27,0	0,121
6123590	VDE 19 24	24	57,5	37,0	27,0	0,146
6123670	VDE 19 27	27	57,5	40,7	27,0	0,174
6123750	VDE 19 30	30	59	44,5	27,0	0,212
6123830	VDE 19 32	32	60,5	47,0	27,0	0,250

VDE IN 19
 VDE Screwdriver bit socket 1/2" for in-hex screws


- › With square drive as per DIN 3120 - C 12.5, ISO 1174, with ball retaining groove
- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- › These inserts can only be combined with No. VDE 1989 T, VDE 1991, VDE 1993 U and VDE 4507

Code	No.	mm	mm	d	kg
6124480	VDE IN 19 5	5	106	27	0,083
6124560	VDE IN 19 6	6	106	27	0,095
6124640	VDE IN 19 8	8	106	27	0,109

VDE 1990
 VDE Extension 1/2"


- › For hand-operated sockets with square drive as per DIN 3120, ISO 1174
- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- › Not suited for use with No. VDE IN 19
- › 16 - 18 mm insulation overhang

Code	No.	"	mm	mm	kg
6124050	VDE 1990-5	1/2"	12,5	125	0,213
6124130	VDE 1990-10	1/2"	12,5	250	0,411

VDE 1993 U

VDE Reversible ratchet 1/2"
with push-button release



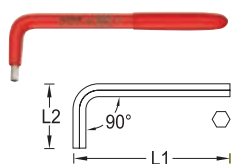
- › Secure holding of the attachments due to push-button locking with ball in the square drive
- › Direction changed by 2 push-buttons, marked R and L, on the shaft

- › Square drive according to DIN 3120 - A 12.5, ISO 1174
- › Insulated up to 1000 V, according to EN 60900/IEC 60900

Code	No.	"		°	mm	kg
6123910	VDE 1993 U	1/2"	12,5	10	270	0,546

VDE 42

VDE Hexagon allen key
for in-hex screws



- › Acc. to DIN ISO 2936
- › Especially suitable for cable branch clamping rings
- › Piece tested, protective insulation up to 1000 V

Code	No.		L1	L2	kg
2324849	V 42 3	3	130	23,5	0,020
2324857	V 42 4	4	120	40	0,025
2324865	V 42 5	5	140	48	0,045
2324873	V 42 6	6	140	48	0,060
2324881	V 42 8	8	150	51	0,110
2324903	V 42 10	10	220	51	0,230
2324911	V 42 12	12	260	61,5	0,350

VDE 42 T

Hexagon allen key
with T-handle
for in-hex screws



- › Piece tested, protective insulation up to 1000 V
- › With Check-Tool insulation

Code	No.	mm	mm		kg
2661225	V 42 T 4	4	160	x	0,145
2661233	V 42 T 5	5	160	x	0,250
2661276	V 42 T 10	10	200	-	0,390
2661284	V 42 T 11	11	200	-	0,400
2661292	V 42 T 12	12	200	-	0,420

VDE 2170

VDE Screwdriver
for slotted head screws



- › Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- › Tip as per DIN ISO 2380-1 Form A
- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort

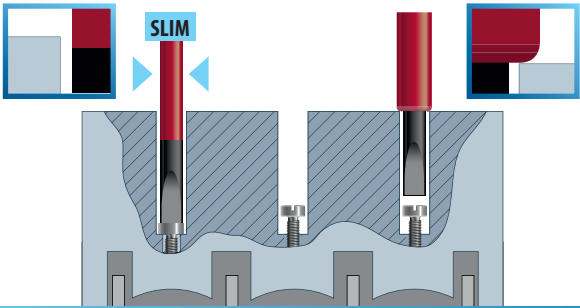
- › Type of drive marked at end of the handle
- › Hanging hole on handle for space-saving storage

Code	No.		mm	mm	kg
1612220	VDE 2170 2,5	2,5	75	160	0,038
1612239	VDE 2170 3	3,0	100	185	0,042
1612247	VDE 2170 3,5	3,5	100	185	0,055
1612255	VDE 2170 4	4,0	100	185	0,058
1612271	VDE 2170 5,5	5,5	125	225	0,095
1612298	VDE 2170 6,5	6,5	150	260	0,134
1612301	VDE 2170 8	8,0	175	295	0,158



SLIM DRIVE

Easily gets where others get stuck



- Ultra-small blade diameter yet with full mechanical and electrical safety
- No problems in reaching screws deeply embedded in screw shafts
- VDE insulation up to 1000 V, acc. to EN 60900/IEC 60900, fully insulated blade
- 3-component handles Power-Grip3 with hanging hole
- Ergonomic handle design enables precise and fatigue-free working
- Positive-fit joint of handle and blade for optimum transmission of force
- Type of drive marked at end of the handle
- Blade from GEDORE molybdenum-vanadium-Plus tempered steel

VDE 2172
VDE-Screwdriver SLIM DRIVE
for slotted head screws



- › Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort
- › Positive-fit joint of handle and blade for optimum transmission of force
- › Type of drive marked at end of the handle
- › Hanging hole on handle for space-saving storage

Code	No.	⌀			
2824736	VDE 2172 3,5	3,5	100	185	0,055
2824744	VDE 2172 4	4,0	100	185	0,055
2824752	VDE 2172 5,5	5,5	125	225	0,100
2824760	VDE 2172 6,5	6,5	150	260	0,140

V 2160 MS PH 2
Screwdriver MaVo
for cross-head screws PH



- › Non-contact voltage finder and built-in magnetic field tester
- › Voltage fields are displayed in red and magnetic fields in green
- › 3-component handle Power-Grip³
- › Ergonomic handle design enables precise and fatigue-free working
- › Piece tested, protective insulation up to 1000 V

Code	No.	⊕ PH			
2824434	V 2160 MS PH 2	2	100	210	0,14

VDE 2160 PH
VDE Screwdriver
for cross-head screws PH



- › Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- › Tip as per DIN ISO 8764-1 PH
- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort
- › Type of drive marked at end of the handle

Code	No.	⊕ PH			
1612107	VDE 2160 PH 0	0	60	145	0,039
1612115	VDE 2160 PH 1	1	80	183	0,082
1612123	VDE 2160 PH 2	2	100	210	0,119
1612131	VDE 2160 PH 3	3	150	270	0,188
1612158	VDE 2160 PH 4	4	200	320	0,269

VDE 2160 PZ

VDE Screwdriver
for cross-head screws Pozzi PZ



- › Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- › Tip as per DIN ISO 8764-1 PZ

- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort
- › Type of drive marked at end of the handle

Code	No.	PZ			
1612166	VDE 2160 PZ 0	0	60	145	0,038
1612182	VDE 2160 PZ 1	1	80	180	0,082
1612190	VDE 2160 PZ 2	2	100	210	0,120
1612204	VDE 2160 PZ 3	3	150	270	0,188
1612212	VDE 2160 PZ 4	4	200	320	0,270

VDE 2162 PH

VDE-Screwdriver SLIM DRIVE
for cross-head screws PH



- › Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort

- › Type of drive marked at end of the handle
- › Ultra-small blade diameter yet with full mechanical and electrical safety
- › Hanging hole on handle for space-saving storage

Code	No.	⊕ PH			
2824442	VDE 2162 PH 1	1	80	180	0,10
2824450	VDE 2162 PH 2	2	100	210	0,14

VDE 2162 PZ

VDE-Screwdriver SLIM DRIVE
for cross-head screws Pozzi PZ



- › Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort

- › Type of drive marked at end of the handle
- › Ultra-small blade diameter yet with full mechanical and electrical safety
- › Hanging hole on handle for space-saving storage

Code	No.	PZ			
2824469	VDE 2162 PZ 1	1	80	180	0,10
2824477	VDE 2162 PZ 2	2	100	210	0,14

VDE 2162-2172 PH-02

VDE Screwdriver set SLIM DRIVE
2 pieces



- › For slotted and cross-head screws PH
- › Ultra-small blade diameter yet with full mechanical and electrical safety
- › Insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade

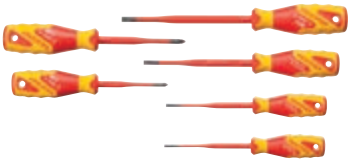
- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort
- › Hanging hole on handle for space-saving storage

Code	No.	Contents	Pieces	
2928736	VDE 2162-2172 PH-02	VDE 2172 3.5 VDE 2162 PH 2	2	0,195

Insulated tools

VDE 2162-2172 PZ-06

VDE Screwdriver set SLIM DRIVE
6 pieces



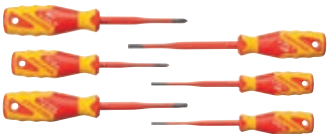
- › For slotted and cross-head screws PZ
- › Ultra-small blade diameter yet with full mechanical and electrical safety
- › Insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade

- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort

Code	No.	Contents	Pieces	
2928728	VDE 2162-2172 PZ-06	VDE 2172 3.5 4 5.5 6.5 VDE 2162 PZ 1 2	6	0,59

VDE 2162-2172 PM-06

VDE Screwdriver set SLIM DRIVE
6 pieces



- › For slotted, cross-head PH and plus-minus screws
- › Ultra-small blade diameter yet with full mechanical and electrical safety
- › Insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade

- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort
- › Hanging hole on handle for space-saving storage

Code	No.	Contents	Pieces	
2928701	VDE 2162-2172 PM-06	VDE 2172 3.5 4 5.5 VDE 2162 PH1 2 VDE 2164 SL/PH2	6	0,59

VDE 2164

VDE-Screwdriver SLIM DRIVE PlusMinus
for Plus-Minus screws



- › Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort

- › Type of drive marked at end of the handle
- › Ultra-small blade diameter yet with full mechanical and electrical safety
- › Hanging hole on handle for space-saving storage

Code	No.				
2824817	VDE 2164 SL/PH1	1	80	180	0,10
2824825	VDE 2164 SL/PH2	2	100	210	0,14

VDE 2163 K

VDE Screwdriver
for in-hex screws, with ball end



- › Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- › Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort

- › Type of drive marked at end of the handle
- › Working angle approx. 25° in each direction
- › Hanging hole on handle for space-saving storage

Code	No.				
2824485	VDE 2163 K 2,5	2,5	75	160	0,055
2824493	VDE 2163 K 3	3	75	160	0,055
2824515	VDE 2163 K 5	5	75	175	0,100
2824523	VDE 2163 K 6	6	100	210	0,140
2824531	VDE 2163 K 8	8	100	220	0,222

VDE 2163 TX

VDE Screwdriver
for recessed TX head screws



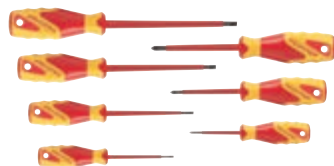
- > Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort

- > Type of drive marked at end of the handle
- > Hanging hole on handle for space-saving storage

Code	No.				Code	No.			
2824558	VDE 2163 TX T5	T5	145	0,055	2824639	VDE 2163 TX T20	T20	180	0,100
2824574	VDE 2163 TX T6	T6	145	0,100	2824647	VDE 2163 TX T25	T25	180	0,100
2824582	VDE 2163 TX T7	T7	145	0,100	2824655	VDE 2163 TX T27	T27	210	0,100
2824590	VDE 2163 TX T8	T8	145	0,100	2824663	VDE 2163 TX T30	T30	210	0,140
2824604	VDE 2163 TX T9	T9	145	0,100	2824671	VDE 2163 TX T40	T40	270	0,140
2824612	VDE 2163 TX T10	T10	145	0,100	2824698	VDE 2163 TX T45	T45	270	0,222
2824620	VDE 2163 TX T15	T15	180	0,100					

VDE 2170-2160 PH-077

VDE Screwdriver set
7 pieces



- > For slotted and cross-head screws PH
- > Insulated up to 1000 V, according to EN 60900/IEC 60900, fully insulated blade
- > Ergonomic 3-component handle Power-Grip³ for maximum power with minimum effort

- > Positive-fit joint of handle and blade for optimum transmission of force

Code	No.	Contents	Pieces	
1616048	VDE 2170-2160 PH-077	VDE 2170 2.5 4 5.5 6.5 mm VDE 2160 PH 0 1 2	7	0,575

VDE 4616

Voltage tester 1000 V



- > Voltage 12 V - 1000 V AC/ DC (LED)
- > Acoustic and optical continuity test up to 100 Ω (buzzer/ yellow LED)
- > Direct display without push button operation (high resistance test)
- > Load connection via push-buttons (low-impedance test)

- > Non-contact phase tester/cable break detector (yellow LED flashing)
- > Protection classification IP65, dust-proof, hose-proof
- > Tested and approved acc. to DIN EN 61243-3, VDE 0682-401:2015
- > Over voltage category CAT IV 600 V, CAT III 1000 V

Code	No.	
3032744	VDE 4616	0,425

4615

Voltage tester



- > For 220-250 Volt AC
- > Blade nickel-plated, fully insulated blade conforming to DIN VDE 0680-6

- > No. 4615 3 with metal clip and yellow cap

Code	No.				
6699110	4615 3	3,0	60	140	0,022
6699380	4615 3,5	3,5	90	140	0,037

NEW

VDE 8092 H
VDE Cable shears



- › For cutting multi-core copper and aluminium cables up to max. 50 mm² or up to a Ø of 10 mm
- › Handles with VDE insulating sleeves up to 1000 V, acc. to EN 60900/IEC 60900
- › Precision ground for optimum action, new cutting-edge geometry

- › Not suitable for steel wire and hard-drawn copper conductors
- › Hardness 55 HRC
- › Special hardened and tempered steel, forged and ground

Code	No.	mm ²	Ø	↳ mm ↳	↳ inch ↳	
3412407	VDE 8092-160 H	50	10	169	6 2/3"	0,21

V 180
Cable shears



 1000 V

- › Cuts copper and aluminium cables up to 27 mm Ø, solid 200 mm²

- › Piece tested, protective insulation up to 1000 V

Code	No.	mm ²	Ø	↳ mm ↳	
6430330	V 180 23	200	27	620	2,125

V 8091
Cable cutter



 1000 V

- › For cutting copper and aluminium cables
- › piece tested, protective insulation up to 1000 V
- › No. V 8091-320: Single-wire cables max. Ø 25 mm (1"), multi-wire cables max. Ø 32 mm (1.1/4")

- › No. V 8091-500: Stranded cables max. Ø 52 mm (2.1/32")



Code	No.	↳ mm ↳	
6725130	V 8091-320	280	0,792
6725210	V 8091-500	280	0,999

VDE 183
VDE-Plier wrench



   1000 V

- › Adjustable, universal tool for wrenching work, bending, holding, pressing and gripping
- › Smooth jaws for gentle gripping of surface-sensitive workpieces (e.g. chrome-plated screw connections, bathroom fittings)
- › Function of an open-end ratchet

- › Unique functional jaw holder, e.g. for protective jaws
- › 21 setting positions and quick adjustment with automatic engagement function
- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900, 2-fold Check-Tool insulation
- › DIN ISO 5743/IEC 60900

Code	No.	Size	↳ mm ↳	 mm	
3066088	VDE 183 10	10"	250	50	0,665

VDE 8094
VDE Cable shears
with VDE dipped insulation



   1000 V

- › For cutting multi-core copper and aluminium cables up to Ø 20 mm
- › The diameter increases to Ø 25 mm when using rough and finish cuts
- › The handle width remains within the range of ergonomic single-hand operation

- › Cutting edges additionally inductively hardened
- › Not suitable for steel wire and hard copper
- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Immersion insulation: 2-fold Check-Tool insulation

Code	No.	mm ²	Ø	↳ mm ↳	↳ inch ↳	
6725050	VDE 8094	70	20	200	8.1/2	0,423

VDE 8098

VDE Stripping pliers,
with VDE dipped insulation



- › Opens automatically, with spring and adjusting screw
- › V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors
- › For wires from 0.8 to 6.0 mm²

- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Immersion insulation: 2-fold Check-Tool insulation

Code	No.	L	L3	W3	T1	mm ²	
6708980	VDE 8098-160	160	43,5	18,5	8,5	0,8-6,0	0,217

VDE 8098 H

VDE Stripping pliers,
with VDE insulating sleeves



- › Opens automatically, with spring and adjusting screw
- › V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors
- › For wires from 0.8 to 6.0 mm²

- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Sleeve insulation

Code	No.	L	L3	W3	T1	mm ²	
1552074	VDE 8098-160 H	160	43,5	18,5	8,5	0,8-6,0	0,204

VDE 8099

VDE Stripping pliers STRIP-FIX
with VDE dipped insulation



- › Self-adjusting, for wires 0.5 - 5.0 mm²
- › V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors

- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Immersion insulation: 2-fold Check-Tool insulation

Code	No.	mm	inch	mm ²	
6709600	VDE 8099-160	160	6.1/2	0,5-5,0	0,226

VDE 8099 H

VDE Stripping pliers STRIP-FIX
with VDE insulating sleeves



- › Self-adjusting, for wires 0.5 - 5.0 mm²
- › V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors

- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Sleeve insulation

Code	No.	mm	inch	mm ²	
1552082	VDE 8099-160 H	160	6.1/2	0,5-5,0	0,211

VDE 146

VDE Universal pliers
7 settings



- › With safety box joint and protection against blocking
- › Automatic clamping with offset gripping surfaces

- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Immersion insulation: 2-fold Check-Tool insulation

Code	No.	mm	mm	
6120140	VDE 146 10	250	31	0,485

VDE 8131 AB

VDE Multiple pliers
with VDE insulating sleeves, angled pattern



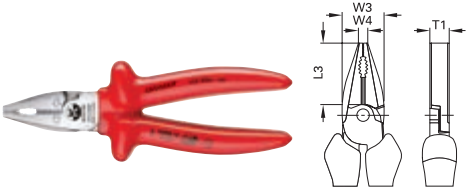
- › Pliers in VDE design especially adapted to the needs of electricians
- › Cable cutter, cables up to 5x2.5 mm² or Ø 12 mm
- › Stripping blades for wires 1.5 mm² and 2.5 mm²
- › Crimping profile: Crimping of ferrules

- › Serrated gripping surface
- › Curved pliers tip
- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Sleeve insulation

Code	No.	mm	
2910845	VDE 8131 AB-200 H	200	0,217

VDE 8250

VDE Heavy duty combination pliers,
with VDE dipped insulation



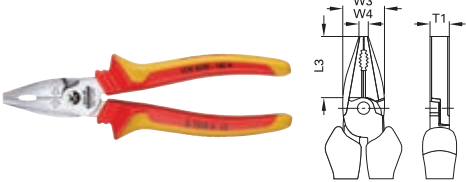
- › Individually tested
- › For round and flat material
- › Extra long blades
- › Induction-hardened precision cutting edges, hardness 62 - 64 HRC

- › For all wire types including piano wire, 1.6 mm
- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Immersion insulation: 2-fold Check-Tool insulation

Code	No.	L	L3	W3	W4	T1	
1429582	VDE 8250-160	160	35	22,8	6,0	10,4	0,236
6720090	VDE 8250-180	180	38,5	25,6	6,5	11,0	0,312
6720250	VDE 8250-200	200	40	27,0	6,0	12,0	0,365
6720330	VDE 8250-225	225	42	27,7	6,0	13,0	0,485

VDE 8250 H

VDE Heavy duty combination pliers,
with VDE insulating sleeves



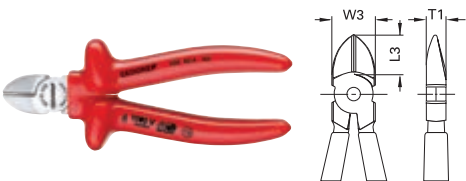
- › Individually tested
- › For round and flat material
- › Extra long blades
- › Induction-hardened precision cutting edges, hardness 62 - 64 HRC

- › For all wire types including piano wire, 1.6 mm
- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Sleeve insulation

Code	No.	L	L3	W3	W4	T1	
1550942	VDE 8250-160 H	160	35	22,8	5,8	10,4	0,228
1550950	VDE 8250-180 H	180	38,5	25,6	6,5	11,0	0,288
1550969	VDE 8250-200 H	200	39,5	27,0	6,5	12,4	0,369

VDE 8314

VDE Side cutter
with VDE dipped insulation



- › Acc. to DIN ISO 5749
- › With slender head, ideal for confined spaces
- › For medium-hard wire 1.6 mm

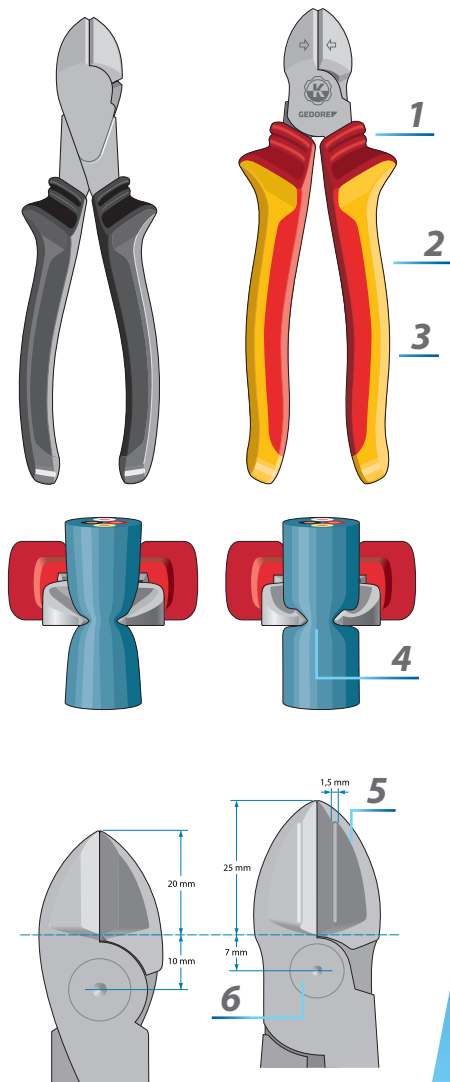
- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Immersion insulation: 2-fold Check-Tool insulation

Code	No.	L	L3	W3	T1	Ø	
6743540	VDE 8314-140	140	18,5	18,5	9,5	1,6	0,199
6743620	VDE 8314-160	160	19	22,0	10,0	1,6	0,253



(VDE) 8314-180

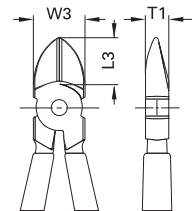
Particularly suitable for electrical installation work



- 1 Safety when used under voltages thanks to the long, insulated handle with non-slip mechanism
- 2 Long contoured handle for a heightened transfer of force and improved stable hold particularly with large cable diameters
- 3 Convex handle shape for a high force build-up*
- 4 Longer XL cutting edges than comparable side cutters cables allow cables to be cut from a 0 up to 15 mm (5x2,5 mm²)
- 5 Stepped cutting edges make "cutting" easier and protect the cutting material
- 6 Power side cutter thanks to a marked transfer of the pivot to the cutter

* Crowned surfaces/handles - i.e. which are hardly rounded - prevent unfavourable, punctual peak forces. As a result, the force is evenly spread across your hand.

VDE 8314-180 H
VDE Power side cutter
with VDE insulating sleeves

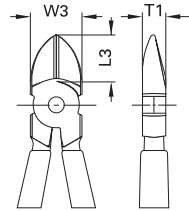


- > With slender head, ideal for confined spaces
- > For medium-hard wire 1.6 mm
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Sleeve insulation

Code	No.	L	L3	W3	T1	Ø	
2910950	VDE 8314-180 H	180	25	26,0	11,0	1,6	0,297

VDE 8314 H
VDE Side cutter
with VDE insulating sleeves

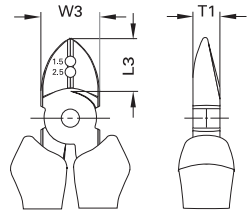


- > With slender head, ideal for confined spaces
- > For medium-hard wire 1.6 mm
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Sleeve insulation

Code	No.	L	L3	W3	T1	Ø	
1552155	VDE 8314-140 H	140	18,5	18,5	9,5	1,6	0,177
1552163	VDE 8314-160 H	160	19	22,0	10,0	1,6	0,231

VDE 8315 H
VDE Electricians' side cutter
with VDE insulating sleeves



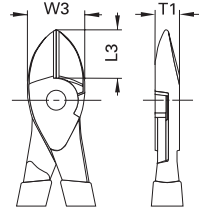
- > Double-function electricians' side cutters: for cutting and stripping wire
- > Stripping holes for solid and stranded conductors with 1.5 mm² and 2.5 mm² conductor cross-section

> Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Sleeve insulation

Code	No.	L	L3	W3	T1	Ø	mm ²	
1742582	VDE 8315-160 H	160	19	22,0	10,0	1,6	1,5 and 2,5 mm ²	0,231

VDE 8316
VDE Power side cutter
with VDE dipped insulation



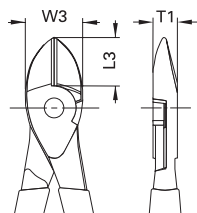
- > For hard wire/piano wire
- > Max. cutting capacity Ø 1.8 - 2.0 mm
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Immersion insulation: 2-fold Check-Tool insulation

Code	No.	L	L3	W3	T1	Ø	
1429590	VDE 8316-180	180	22,6	26,0	11,0	1,8	0,285
6742570	VDE 8316-200	200	22	28,0	11,0	2,0	0,341

VDE 8316 H

VDE Power side cutter
with VDE insulating sleeves



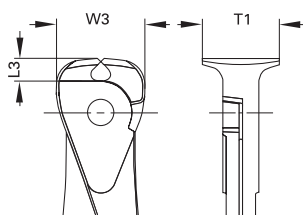
- > For hard wire/piano wire
- > Max. cutting capacity Ø 1.4 - 2.0 mm
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

- > Sleeve insulation

Code	No.	L	L3	W3	T1	Ø	
1550993	VDE 8316-180 H	180	22,6	26,0	11,0	1,8	0,267
1551000	VDE 8316-200 H	210	22	28,0	11,0	2,0	0,344

VDE 8367

VDE Heavy duty end cutting nippers



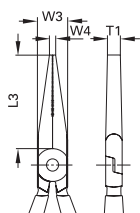
- > High leverage for easier work
- > For hard wire/piano wire 1.6 mm
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

- > Immersion insulation: 2-fold Check-Tool insulation

Code	No.	L	L3	W3	T1	Ø	
2324830	VDE 8367-160	160	6,9	27,0	23,5	1,6	0,22

VDE 8120

VDE Flat nose pliers
with VDE dipped insulation

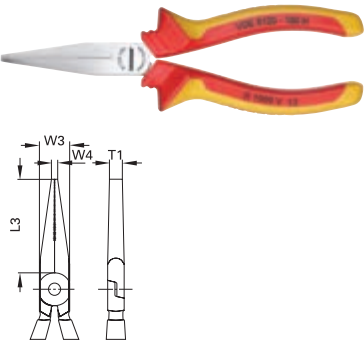


- > With long jaws, serrated gripping faces
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

- > Immersion insulation: 2-fold Check-Tool insulation

Code	No.	L	L3	W3	W4	T1	
6715330	VDE 8120-160	160	51	16,5	3,4	9,0	0,185

VDE 8120 H
VDE Flat nose pliers
with VDE insulating sleeves

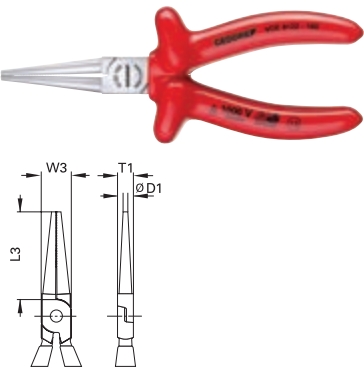


- > With long jaws, serrated gripping faces
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Sleeve insulation

Code	No.	L	L3	W3	W4	T1	
1552090	VDE 8120-160 H	170	51	16,5	3,4	9,0	0,175

VDE 8122
VDE Round nose pliers
with VDE dipped insulation

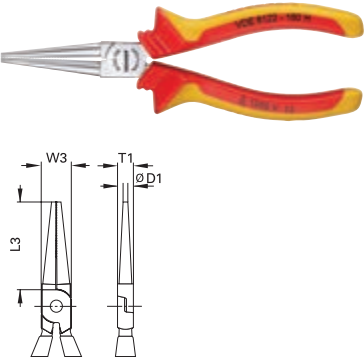


- > With long jaws, serrated gripping faces
- > For gripping and bending
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Immersion insulation: 2-fold Check-Tool insulation

Code	No.	L	L3	W3	D1	T1	
6717110	VDE 8122-160	160	48	16,5	2,5	8,7	0,17

VDE 8122 H
VDE Round nose pliers
with VDE insulating sleeves



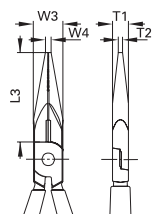
- > With long jaws, serrated gripping faces
- > For gripping and bending
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900

> Sleeve insulation

Code	No.	L	L3	W3	D1	T1	
1552104	VDE 8122-160 H	160	48	16,5	2,5	8,7	0,154

VDE 8132

VDE Telephone pliers
with immersion insulation, straight



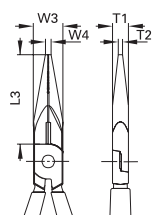
- › Long, flat-round jaws, straight gripping faces, serrated
- › For holding, gripping, bending and cutting

- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Immersion insulation: 2-fold Check-Tool insulation

Code	No.	L	L3	W3	W4	T1	T2	
6721570	VDE 8132-160	160	50	16,5	3,2	9,0	2,5	0,193
6721650	VDE 8132-200	200	75,7	3,7	3,7	9,5	2,8	0,248

VDE 8132 H

VDE Telephone pliers
with sheath insulation, straight



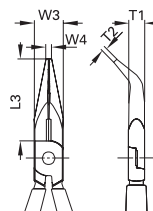
- › Long, flat-round jaws, straight gripping faces, serrated
- › For holding, gripping, bending and cutting

- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Sleeve insulation

Code	No.	L	L3	W3	W4	T1	T2	
1552112	VDE 8132-160 H	160	50	16,5	3,2	9,0	2,5	0,164
1552120	VDE 8132-200 H	200	75,7	18,5	3,7	9,5	2,8	0,235

VDE 8132 AB

VDE Telephone pliers
with immersion insulation, angled

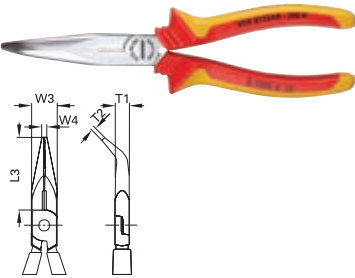


- › Long, flat-round jaws, straight gripping faces, serrated
- › Tips 45° angled

- › Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- › Immersion insulation: 2-fold Check-Tool insulation

Code	No.	L	L3	W3	W4	T1	T2	
6721730	VDE 8132 AB-160	160	46	16,5	3,2	9,0	2,5	0,177
6721810	VDE 8132 AB-200	200	70,5	18,5	3,7	9,5	2,8	0,252

VDE 8132 AB H
VDE Telephone pliers
with VDE insulating sleeves, angled pattern



- > Long, flat-round jaws, straight gripping faces, serrated
- > Tips 45° angled
- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

Code	No.	L	L3	W3	W4	T1	T2	
1552139	VDE 8132 AB-160 H	160	46	16,5	3,2	9,0	2,5	0,173
1552147	VDE 8132 AB-200 H	200	70,5	18,5	3,7	9,5	2,8	0,235

VDE S 8003
VDE Pliers set with
VDE dipped insulation
3 pieces



- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Immersion insulation: 2-fold Check-Tool insulation

Code	No.	Contents	Pieces	
6708120	VDE S 8003	VDE 8132-160 VDE 8250-180 VDE 8314-160	3	0,76

VDE S 8003 H
VDE Pliers set with
VDE insulating sleeves
3 pieces



- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation

Code	No.	Contents	Pieces	
1550594	VDE S 8003 H	VDE 8132-160 H VDE 8250-180 H VDE 8314-160 H	3	0,747

1101-003 VDE
VDE Tool set
in i-BOXX® 72, 8 pieces



- > Individually tested, insulated up to 1000 V, according to EN 60900/IEC 60900, except voltage tester No. 4615
- > In GEDORE i-BOXX® 72

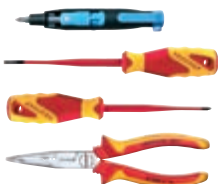
Code	No.	Contents	Pieces	
1828045	1101-003 VDE	VDE 8132-200 H VDE 8250-180 H VDE 8314-160 H VDE 2170 4 5.5 VDE 2160 PH 1 2 4615 3	8	2,3

1102-002 VDE
VDE Pliers set
3 pieces



- > Protective insulation up to 1000 V, according to EN 60900/IEC 60900
- > Sleeve insulation
- > In GEDORE L-BOXX® Mini, incl. divider set

Code	No.	Contents	Pieces	
1692291	1102-002 VDE	VDE 8132-160 H VDE 8250-180 H VDE 8314-160 H	3	0,92

1102-004 VDE VDE Pliers set 3 pieces 		 > Protective insulation up to 1000 V, according to EN 60900/IEC 60900 > Sleeve insulation > In GEDORE L-BOXX® Mini, incl. divider set	<table><tr><th>Code</th><th>No.</th><th>Contents</th><th>Pieces</th><th></th></tr><tr><td>1708244</td><td>1102-004 VDE</td><td>VDE 8098-160 H VDE 8250-180 H VDE 8314-160 H</td><td>3</td><td>0,95</td></tr></table>				Code	No.	Contents	Pieces		1708244	1102-004 VDE	VDE 8098-160 H VDE 8250-180 H VDE 8314-160 H	3	0,95
Code	No.	Contents	Pieces													
1708244	1102-004 VDE	VDE 8098-160 H VDE 8250-180 H VDE 8314-160 H	3	0,95												
1102-005 VDE VDE Pliers set 3 pieces 		 > Insulated up to 1000 V, according to EN 60900/IEC 60900 > Sleeve insulation > With VDE Impact diagonal cutter and VDE multiple nose pliers > In GEDORE L-BOXX® Mini, including range of dividers	<table><tr><th>Code</th><th>No.</th><th>Contents</th><th>Pieces</th><th></th></tr><tr><td>2951762</td><td>1102-005 VDE</td><td>VDE 8314-180 H VDE 8131 AB-200 H VDE 2162 PZ 1</td><td>3</td><td>0,955</td></tr></table>				Code	No.	Contents	Pieces		2951762	1102-005 VDE	VDE 8314-180 H VDE 8131 AB-200 H VDE 2162 PZ 1	3	0,955
Code	No.	Contents	Pieces													
2951762	1102-005 VDE	VDE 8314-180 H VDE 8131 AB-200 H VDE 2162 PZ 1	3	0,955												
1102-006 VDE VDE Tool set 4 pieces 		 > Insulated up to 1000 V, according to EN 60900/IEC 60900 > For all usual electric master cabinets incl. multi fitting key > In GEDORE L-BOXX® Mini, incl. divider set	<table><tr><th>Code</th><th>No.</th><th>Contents</th><th>Pieces</th><th></th></tr><tr><td>2951770</td><td>1102-006 VDE</td><td>VDE 8131 AB-200 H VDE 2172 3,5 VDE 2164 SL/PH 2 45 E</td><td>4</td><td>0,86</td></tr></table>				Code	No.	Contents	Pieces		2951770	1102-006 VDE	VDE 8131 AB-200 H VDE 2172 3,5 VDE 2164 SL/PH 2 45 E	4	0,86
Code	No.	Contents	Pieces													
2951770	1102-006 VDE	VDE 8131 AB-200 H VDE 2172 3,5 VDE 2164 SL/PH 2 45 E	4	0,86												
VDE 1001 VDE Tool set 12 pieces 		 > With practical foam insert in sturdy PVC case > Dimensions: 395 x 295 x 106 mm														
Code	No.	Contents	Pieces													
6602560	VDE 1001	VDE 19 10 12 13 14 17 19 22 24 VDE 1993 U VDE 1990-5 -10 VDE 2170 5.5	12	3,10												

1041-003

VDE Tool assortment in case
74 pieces



- > A practical assortment for on-site use
- > Packed in a strong plastic case made from impact-proof ABS

- > Sturdy aluminium frame

Code	No.	Contents	Pieces	
3082156	1041-003	Combination wrench No. 7, 10 13 17 19 22 mm 1/4" Adjustable open-end wrench No. 60 P 8, 8" Bit socket wrench box No. 666-U-20, with ratchet 35 pcs Offset screwdriver set No. PH 42-88, 2 2.5 3 4 5 6 8 10 mm VDE Screwdriver slot No. VDE 2170, 3 3.5 4 5.5 6.5 8 mm VDE Screwdriver cross-head No. 2160 PH 0 1 2 VDE Wire stripper VDE 8098-160 H VDE Multi-pliers No. VDE 8131 AB-200 H VDE Power combination pliers No. VDE 8250-180 H VDE Power side cutters No. VDE 8316-180 H VDE Universal pliers No. VDE 146 10, 10" VDE Cable knife No. VDE 4522, 180 mm Cable knife No. 0513-09, blade L.90mm Voltage Detector Slot No. 4615 3, 220-250 V, 3mm Non-return soft-face and engineer's hammer KOMBI-PLUS R 247 H-30 Percussion tool set No. 106, 6 pcs. Steel tape measure No. 4534-3, tape L. 3 m Volume tool case WK 1041 L	74	10,3

KL-4600-3004

SELF-CLAMPING CAP
20 mm diameter, 85 mm long

NEW



Made in Germany



- Universally used for hybrid and electric vehicles
- For easy covering and protection of live cable ends provides protection against accidental contact
- RED dip insulated
- IEC 60900 standard
- 1000V (double triangle) approval
- 10-way safety

Code	No.	Diameter	Length
3433145	KL-4600-3004	20 mm	85 mm

KL-4600-30..

ASSEMBLY TWEEZERS, INSULATED



KL-4600-3002



KL-4600-3003

Made in Germany



NEW

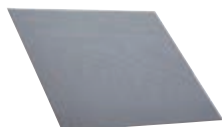
- Universally used for hybrid and electric vehicles
- For safe working on the vehicle, provides protection against accidental contact with live parts
- RED dip insulated
- IEC 60900 standard

Code	No.	Variant	Length	Approval	Unit-tested
3433129	KL-4600-3002	bent	150 mm	1000V (double triangle)	10-way safety
3433137	KL-4600-3003	straight	145 mm	1000V (double triangle)	10-way safety

VDE 910
 VDE Rubber
 cover sheet


- › VDE protective equipment according to VDE 0680 part 1
- › Thickness: 1.6 mm
- › Rolled storage prevents from cracking!

Code	No.	L	W	
1826816	VDE 910 13	130	130	0,04
1826832	VDE 910 25	250	350	0,21
1827030	VDE 910 50	500	500	0,43
1828193	VDE 910 60	600	600	0,70
1828207	VDE 910 100	1.000	1.000	1,80
1828215	VDE 910 120	1.200	1.200	2,95

VDE 911
 VDE Insulation mat


- › VDE protective equipment according to VDE 0303
- › Thickness: 4.5 mm
- › Rolled storage prevents from cracking!

Code	No.	L	W	
1828258	V 911 100	1.000	1.000	6
1828266	V 911 1000	10.000	1.000	60

VDE 912
 VDE-electricians'
 safety-gloves


- › Acc. to DIN EN 60903
- › Made of natural latex
- › Suitable up to 1000 V

Code	No.	
1828274	V 912 9	0,215
1828282	V 912 10	0,215

V 915
 NH-Fuse insertion
 glove with sleeve


- › To work on NH fuse inserts sizes 00 to 3
- › To insert and remove low-tension high-performance fuses (NH fuse inserts)
- › With contact blades to DIN 43620 Part 1, sizes 00 - 3 for nominal voltage to 600 V alternating voltage

Code	No.	
2661314	V 915	0,46

Insulated tools

V 913
VDE Plastic clamp



- › For fixing and joining plastic clamps
- › Inserted steel spring which externally cannot be accessed
- › Suitable up to 1000 V

Code	No.	l mm	kg
1828304	V 913 80	80	0,030
1828312	V 913 160	160	0,075

VDE 914
Meter connection fittings



- › For insulating single cores
- › Conical form
- › Made of tough elastic plastic
- › No. V 914 3 with marking 3

Code	No.	l mm	Ø	kg
2324938	V 914 1	80	10,0	0,005
2324946	V 914 2	80	10,0	0,005
2324954	V 914 3	80	10,0	0,005

V 917
Cable splitting wedge



- › Insulated according to IEC 60900
- › Suitable for mounting cable feeder terminals and splaying primary conductor cables
- › Assistance when cutting cable cores, no slipping

Code	No.	kg
2661462	V 917	0,16

VDE 4522
VDE-Cable knife



- › Strong, straight blade made from hardened and tempered steel
- › With blade protector
- › Insulated up to 1000 V, according to EN 60900/ IEC 60900

Code	No.	l mm	l mm	kg
6690400	VDE 4522	50	180	0,104

VDE 4527
VDE-Cable knife with hooked blade



- › For slitting and stripping damp-proof installation cables
- › With blade protector
- › Insulated up to 1000 V, according to EN 60900/ IEC 60900

Code	No.	l mm	l mm	kg
6698490	VDE 4527	40	203	0,098

4528

Universal cable knife



- › For stripping round cables, 4 - 28 mm
- › Hooked blade for separating cable strips and flat cables
- › Automatic changeover of the blade from round to longitudinal cut without putting down the knife
- › The cutting depth of the pivoting internal knife is adjustable

Code	No.			
6698300	4528	50	170	0,155

E-4528

Spare blades



- › The cutting depth of the pivoting internal knife is adjustable

Code	No.	
1448161	E-4528	0,005

4629

Insulating tape



Code	No.	L m	<u>mm</u>	
6699540	4629	10	15	0,032

V 406

Small saw for metal


 1000 V

- › For pinned hacksaw blades, 148 mm
- › Suitable up to 1000 V

Code	No.		
6120060	V 406	265	0,229

WWW.GEDORE.COM

1000 VOLT

GEDORE

UNCOMPROMISING PROTECTION



GEDORE red

As a product line of the GEDORE brand, we have the highest expectations of our work. The comprehensive range of GEDORE red appeals for its functionality, ease of use and durability. The stringent product standards underpinned by GEDORE's quality undertaking provide the common element that runs through our entire range of tools.

R3910XXXX

VDE Screwdriver
for slotted head screws



- > Acc. to DIN 5264, DIN ISO 2380
- > VDE-insulated acc. to DIN EN 60900
- > Moulded handle forms a firm unit with the blade

- > 5-edge handle head stops it rolling off when put down

Code	No.		mm	mm	kg
3301400	R39102514	2,5	75	145	0,030
3301401	R39100319	3,0	100	170	0,036
3301402	R39100419	4,0	100	210	0,071
3301403	R39105524	5,5	125	235	0,091

R3920XXXX

VDE Screwdriver
for cross-head screws PH



- > Acc. to DIN 7438, DIN ISO 8764
- > VDE-insulated acc. to DIN EN 60900
- > Moulded handle forms a firm unit with the blade

- > 5-edge handle head stops it rolling off when put down

Code	No.		mm	mm	kg
3301404	R39200115	1	80	180	0,070
3301405	R39200219	2	100	210	0,105

R3930XXXX

VDE Screwdriver
for cross-head screws PZ



- > Acc. to DIN 7438, DIN ISO 8764
- > VDE-insulated acc. to DIN EN 60900
- > Moulded handle forms a firm unit with the blade

- > 5-edge handle head stops it rolling off when put down

Code	No.	PZ	mm	mm	kg
3301406	R39300115	1	80	182	0,070
3301407	R39300219	2	100	210	0,104

R2930XXXX

VDE Combination pliers



- > Acc. to DIN ISO 5746
- > Complies with VDE 0682 Part 201 and EN/IEC 60900

- > With gripping zones for flat and round stock

Code	No.	mm	Hard wire Ø mm	kg
3301408	R29300180	180	1,6	0,275
3301409	R29300200	200	1,8	0,360

R29400180
VDE Side cutter



- > Acc. to DIN ISO 5749
- > Complies with VDE 0682 Part 201 and EN/IEC 60900

- > Slim head

Code	No.	l mm	Piano wire Ø mm	kg
3301410	R29400180	180	1,6	0,280

R29500200
VDE Telephone pliers



- > Acc. to DIN ISO 5745
- > Complies with VDE 0682 Part 201 and EN/IEC 60900

- > Straight grip surfaces, lengthways-serrated

Code	No.	l mm	Hard wire Ø mm	kg
3301411	R29500200	200	1,8	0,260

R29510200
VDE Telephone pliers
offset



- > Acc. to DIN ISO 5746
- > Complies with VDE 0682 Part 201 and EN/IEC 60900

- > 45° angled grip surfaces, lengthways-serrated

Code	No.	l mm	Hard wire Ø mm	kg
3301412	R29510200	200	1,8	0,260

R29100010
VDE Water pump pliers



- > Acc. to DIN ISO 8976 Form C
- > Complies with VDE 0682 Part 201 and EN/IEC 60900
- > Lengthways-serrated grip surfaces

- > With box joint

Code	No.	l mm	mm	inch	kg
3301413	R29100010	250	39	10	0,393

R39002005

VDE Tool assortment
5 pieces

**VDE screwdriver:**

- > For slotted head screws:
Acc. to DIN 5264, DIN ISO 2380
- > For cross-head screws PH:
Acc. to DIN 7438, DIN ISO 8764

VDE Side cutter:

- > Acc. to DIN ISO 5749

VDE Telephone pliers, straight:

- > Acc. to DIN ISO 5745

Code	No.	Contents	Pieces	
3301414	R39002005	VDE Screwdriver slotted 3, 5.5 mm VDE Screwdriver cross-slotted PH 2 VDE Side cutter 180 mm VDE Telephone pliers 200 mm, straight pattern	5	0,833

R93220028

VDE Cable knife



- > VDE-insulated acc. to DIN EN 60900
- > With sturdy, straight blade
- > Straight cutting edge
- > With protective cap

Code	No.			
3301415	R93220028	45	185	0,143

R93220128

VDE Cable knife



- > VDE-insulated acc. to DIN EN 60900
- > With sturdy, partially insulated and replaceable blade
- > Straight cutting edge
- > With integrated protective cap

Code	No.			
3301416	R93220128	45	185	0,095

R93970004

Spare blades



- > Straight cutting edge
- > Set of 4 pieces

Code	No.	
3301417	R93970004	0,100

R38120000

Universal voltage tester



- > Measures AC/DC
- > Display 6 / 12 / 24 / 50 / 120 / 230 / 400 V AC/DC
- > Protection classification IP65, dust-proof, hose-proof
- > Acc. to DIN ISO 0680

Code	No.	
3301418	R38120000	0,120



GEDORE Automotive GmbH
Breslauer Straße 41
78166 Donaueschingen · GERMANY

T +49 (0) 771 - 83223 - 0
F +49 (0) 771 - 83223 - 90
info.gam@gedore.com
www.gedore-automotive.com

Time saving.
Safe.
Well thought out tools.

Your dealer/stamp:

Brands of the GEDORE Group
gedore.com · ochsenkopf.com

gedore-automotive.com