



## PROTECTED FROM HEAD TO FOOT

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

In various working environments you may be exposed to quite diverse health and safety hazards which may range from minor to potentially fatal. For your personal protection in the respective situation, CIMCO offers you the appropriate equipment to optimise your safety.

This overview of our PPE range will help you find the right equipment for you.





# Sicherheit

# Risiko

## PERSONAL PROTECTIVE EQUIPMENT (PPE) – HOW TO PROTECT YOURSELF PROPERLY

Whether it is too noisy, there are chemical substances around or electromagnetic energy – your personal protection is one of our top priorities. As a general rule, according to the EU Directive 89/686/EEC, personal protective equipment is divided into three classes which are based on the level of danger and risk of injury:

### PPE in class I (low risk, simple PPE)

This class covers all products which protect the user from minor risks and where the user can assess their efficacy against these risks themselves.

This includes PPE to provide protection from:

- Superficial mechanical injuries, e.g. gardening gloves
- Contact with mildly aggressive cleaning agents, e.g. protective gloves
- Contact with hot surfaces (temperatures below 50°C), e.g. work aprons
- Eye damage due to sunlight, e.g. sunglasses
- Common weather conditions, e.g. thermal gloves

### PPE in class II (medium risk, suitable for professional use)

This class covers all products which are not in class I or class III. As a general rule, this concerns products which are used for professional purposes and which provide basic protection from mechanical risks. This includes, for example, breathing masks, hearing protection, and protective headgear. It is mandatory for products in class II to be subjected to an EC type examination.

### PPE in class III (high risk, complex PPE)

Class III includes all products which are intended to protect against lethal hazards or serious and irreparable damage to health and which the user is unable to assess for themselves. PPE in class II is used to provide protection from the following risks:

- Substances and mixtures that are hazardous to health
- Atmospheres with insufficient oxygen
- Harmful biological agents
- Ionising radiation
- Warm environment, with comparable effects to an air temperature of 100 °C or more
- Cold environment, with comparable effects to an air temperature of -50 °C or less
- Falls from a height
- Electric shock and work on live parts
- Drowning
- Cut injuries from hand-held chainsaws
- High pressure jets
- Injuries from projectiles or knife wounds
- Harmful noise



# HAND PROTECTION

There is a high risk of injuring your hands. To prevent this, we offer you the right gloves in different protection classes depending on the risk involved and in accordance with the EN 388 standard.

CLASS I (MINIMAL RISKS)	CLASS II (MEDIUM RISKS)	CLASS III (HIGH RISKS)
Low requirements of protection against superficial mechanical injuries, weakly aggressive cleaning agents, etc.	Protection against risk of injury which needs to be taken seriously, e.g. through mechanical hazards.	Protection against irreparable damage and lethal dangers. e.g. when working with chemicals.

Work gloves		Protection class category	Standard						
			DIN EN 388						
			Wear resistance	Cut resistance	Tear resistance	Puncture resistance	Cut resistance according to ISO13997		
14 1229 14 1230 14 1231 14 1232	"Grip Flex"	2	4	1	2	1	X		
14 1272 14 1273 14 1274 14 1275	"Nitrile"	2	3	1	2	1	X		
14 1225 14 1266 14 1267 14 1268	"Standard Skinny Flex"	2	4	1	3	1	X		
14 1248 14 1260 14 1261 14 1262	"Skinny Soft"	2	4	1	3	1	X		
14 1235 14 1237 14 1238 14 1239	"Skinny Touch"	2	2	1	1	1	X		
14 1281 14 1263 14 1264 14 1265	"Skinny Soft White"	2	4	1	3	1	X		
14 1244 14 1245 14 1246 14 1247	"Worker 2.0"	2	2	1	1	2	X		
14 1240 14 1241 14 1242 14 1243	"Winter Soft"	3	2	1	4	2	X		
DIN EN 511									
			Convective cold	Contact cold	Water impermeability				
			X	2	X				
14 1276 14 1277 14 1278 14 1279	"Trikot" (jersey)	3	DIN EN 388						
			Wear resistance	Cut resistance	Tear resistance	Puncture resistance	Cut resistance according to ISO13997		
			1	1	4	2	X		
DIN EN 407									
			Flammability of gloves	Contact heat	Convection heat	Radiation heat	Protection against liquid metal splashes	Protection against large quantities of liquid metal	
			X	1	X	X	X	X	



WORK GLOVES "TRIKOT" (JERSEY)	WORK GLOVES "STANDARD SKINNY FLEX"	WORK GLOVES "SKINNY SOFT"	WORK GLOVES "SKINNY SOFT WHITE"	WORK GLOVES "GRIP FLEX"
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Knitted gloves with knitted cuff, nylon/cotton, can be worn on both sides, according to DIN EN 388/EN407, colour: white

Knitted gloves with knitted cuff, partially coated on palm and fingertips, top quality and perfectly comfortable to wear and allow great dexterity, extremely non-slip, according to DIN EN 388, Colour: black/grey

Nylon gloves with knitted cuff and PU coating, partially coated on palm and fingertips, very snug fit, according to DIN EN 388, Colour: grey

Nylon gloves with knitted cuff and PU coating, partially coated on palm and fingertips, very snug fit, according to DIN EN 388, Colour: white

Knitted glove with knitted cuff and special coating, with grippy nitrile dots on palm and fingertips for perfect dexterity and good grip, extremely comfortable to wear and highly non-slip, Standard 100 by OEKO-TEX®, according to DIN EN 388, Colour: black/red

**CIMCO-item no./size**  
14 1276 / size 8/M  
14 1277 / size 9/L  
14 1278 / size 10/XL  
14 1279 / size 11/XXL

**CIMCO-item no./size**  
14 1225 / size 8/M  
14 1266 / size 9/L  
14 1267 / size 10/XL  
14 1268 / size 11/XXL

**CIMCO-item no./size**  
14 1248 / size 8/M  
14 1260 / size 9/L  
14 1261 / size 10/XL  
14 1262 / size 11/XXL

**CIMCO-item no./size**  
14 1281 / size 8/M  
14 1263 / size 9/L  
14 1264 / size 10/XL  
14 1265 / size 11/XXL

**CIMCO-item no./size**  
14 1229 / size 8/M  
14 1230 / size 9/L  
14 1231 / size 10/XL  
14 1233 / size 11/XXL



WORK GLOVES "SKINNY TOUCH"	WORK GLOVES "WORKER 2.0"	WORK GLOVES "WINTER SOFT"	WORK GLOVES "NITRILE"
Nylon gloves with knitted cuff and PU coating, partially coated on palm and fingertips, very snug fit, with great touch sensitivity, according to DIN EN 388, suitable for touch screens, Colour: black/red	Mechanics' gloves with Velcro wrist strap, premium quality, Inner surface made of supple and durable Nappa leather, high quality textile back, unlined, breathable, very good touch sensitivity, perfect fit, according to DIN EN 388, Colour: black/white	Winter gloves made of nylon with a knitted cuff, towelling fabric inside, with double coating: undercoat of latex, fully coated, topcoat made of sanded latex, partially coated on palm and fingertips, extremely soft and snug, perfect flexibility, great dexterity, according to DIN EN 388, water repellent, Colour: dark red /black	Nitrile gloves with knitted cuff, polyester with 3/4 nitrile coating, according to DIN EN 388, Colour: yellow/white
<b>CIMCO-item no./size</b> 14 1235 / size 8/M 14 1237 / size 9/L 14 1238 / size 10/XL 14 1239 / size 11/XXL	<b>CIMCO-item no./size</b> 14 1244 / size 8/M 14 1245 / size 9/L 14 1246 / size 10/XL 14 1247 / size 11/XXL	<b>CIMCO-item no./size</b> 14 1240 / size 8/M 14 1241 / size 9/L 14 1242 / size 10/XL 14 1243 / size 11/XXL	<b>CIMCO-item no./size</b> 14 1272 / size 8/M 14 1273 / size 9/L 14 1274 / size 10/XL 14 1275 / size 11/XXL



## HEARING PROTECTION

High noise can trigger symptoms such as a headache, nausea and even dizzy spells. If your ears are constantly subjected to noise, the auditory cells in the inner ear are stressed. This process takes place over a long time and is irreversible. EU Directive 2003/10/EC sets out how employees should be protected from harmful noise and its effect on hearing. The low-pollutant approved ear plugs for hearing protection made of soft PU-foam made by CIMCO comply with this directive and also meet the latest standards according to EN 352.

<b>DO YOU NEED HEARING PROTECTION?</b>	∅ Noise level < 80 dB	<b>NO</b>
	Pulsed noise < 135 dB	Wearing ear protection not mandatory
	∅ Noise level 80 dB to 85 dB or Pulsed noise 135 dB to 137 dB	<b>YES</b> must be made available but wearing not mandatory
	∅ Noise level > 85 dB Pulsed noise >137 dB	<b>YES</b> Must be made available and wearing is mandatory



EAR MUFFS	EAR MUFFS	EAR PLUGS	MULTIPLE USE EAR PLUGS
DIN EN 352-1, flat ear muffs, with a sealing cushion which is gentle to your skin, head piece with comfortable foam cushion, comfortable for all head sizes due to sliding mechanism, pleasant contact pressure thanks to two-point attachment and optimised tension force. Highest level of comfort, even when worn for long periods of time. medium level of soundproofing	For attaching to electrician's hardhat CIMCO-item no. 14 0200 ff.	5 pairs of washable foam rubber ear plugs for multiple use, level range: high 30 dB(A), medium 24 dB(A), low 22 dB(A), SNR value: 28 dB(A), 43.6 dB(A) at 4000 Hz, according to EN 352	1 pair of ear plugs, with linear damping, contact to the surrounding environment is retained (good speech intelligibility), prevents harmful noise exposure despite this, excellent fit, for low noise level area (insulation value SNR 20), removable strap
<b>CIMCO-item no. 14 0274</b>	<b>CIMCO-item no. 14 0275</b>	<b>CIMCO-item no. 14 0279</b>	<b>CIMCO-item no. 14 0280</b>



## EYE PROTECTION

Our eyes are extremely important to us, as are all our sensory organs. The CIMCO safety glasses will protect you from injuries caused by splinters, UV radiation or chemicals. The lightweight frame of our safety glasses is pleasant to wear and therefore rugged and virtually unbreakable. We can offer you the optimum eye protection solution – from standard equipment to full protection goggles.



EXPLORER SAFETY GLASSES	SAFETY GLASSES STANDARD FRAME	PANORAMA SAFETY GLASSES
Base model with clear protective lens, scratch-resistant, EN 166 5-3.1 1F	Black frame, clear lens, scratch-resistant, EN 166 1 F	With a 140° field of view, weight only 115 g, DIN EN 166
CIMCO-item no. 14 0205	CIMCO-item no. 14 1284	CIMCO-item no. 14 0272



## RESPIRATORY PROTECTION

You need a suitable fine dust mask for harmful substances in the air that you breath. These are available in three filter classes based on the European standard EN 149. The choice of filter classes FFP (filtering face piece) depends on the concentration of harmful substances in the air. Filter class FFP3 fine dust masks may be used where the occupational exposure limit value is not exceeded by more than 30 times. As a general rule, the mask should be discarded if resistance makes breathing increasingly difficult, or after one shift at the latest.



FACE MASK FFP1	FACE MASK FFP2	FACE MASK FFP2 WITH VALVE
According to DIN EN 149, protection classification FFP1 (particle filter class P1 DIN 58645), CE-certified, lightweight design, skin-friendly, adjustable elastic band, packaged individually	According to DIN EN 149:2001 + A1:2009, protection classification FFP2, CE-certified, skin friendly, with elastic band, packaged individually	According to DIN EN 149:2001 + A1:2009, protection classification FFP2, CE-certified, skin friendly, with elastic band and dual valve, packaged individually
CIMCO-item no. 14 0282	CIMCO-item no. 14 0286	CIMCO-item no. 14 0284



FACE MASK FFP3 WITH VALVE	MOUTH AND NOSE PROTECTION "SURGICAL FACE MASK"
According to DIN EN 149:2001 + A1:2009, protection classification FFP3, CE-certified, robust mask, skin friendly, with an elastic band and dual valve, packaged individually	Protection from dust and bacteria, textile material with polypropylene, skin friendly, with elastic band.
CIMCO-item no. 14 1280	CIMCO-item no. 14 0288

Activity	FFP
<b>Drilling/sanding/cutting:</b>	
Stainless steel	3
Paint, varnish	2
Wood	2
Coolant mist	2
Masonry, concrete	1
Quartz crystal	2
Rust, iron	1
Primer	2
Putty, filler	1
Steel	2
Cement	2
<b>Welding work:</b>	
Construction steel	2
Stainless steel	3
Soldering	2
Thorium electrode	3
Zinc	2
<b>Protection from:</b>	
Bacteria risk group 2	2
Bacteria risk group 3	3
Diesel soot	2
Enzymes	3
Fungal spores	2
Pollen	1
Mould	2
Dust	1
Viruses	3
<b>Other activities:</b>	
Working with asbestos	2
Sorting rubbish	3
Splashes from spray paint	2
Splashes from pesticides (aqueous solution)	2
Processing glass or mineral fibres	2
Changing industrial filters	3



# PROTECTION AGAINST FALLING

The PPE must be inspected by an expert at least once a year (cf. German Social Accident Insurance (DGUV) 112-198), particularly if it has been detected that it is no longer in good condition. The expert will decide if the equipment is in perfect condition and whether the indications of wear have not yet been met – as stipulated by the employer's liability insurance association. The material is tested according to the principles of the German Social Accident Insurance (DGUV principle 312-906) as well as in accordance with the respective manufacturer's instructions and must be documented. It must also be ensured that the product labelling is legible.



SAFETY HARNESS TYPE A	SAFETY HARNESS TYPE B	SAFETY HARNESS TYPE ECONOMY	SAFETY HARNESS TYPE C	SET SAFETY HARNESS ECONOMY
For working in areas with risk of falling, e.g. on towers, masts, building overhangs, safety harness with a back D ring (according to DIN EN 361) two side attachment rings, (according to DIN EN 358), weight only 1.4 kg	Same as type A but with a chest loop as front attachment point to make it easier to work and two side attachment rings as well as a comfortable 100 mm wide, padded back support, weight 1.5 kg	Safety harness with chest loops, quick and easy to put on, according to EN 361:2002	Safety harness with elastic waist belt and click closure	Versatile and easy to put on. The practical rope bag contains: Safety harness (EN 361:2002) fall arrester, mobile, up to 10 m (EN 353-2:2002) belt sling, 0.8 m
CIMCO-item no. 14 0455	CIMCO-item no. 14 0456	CIMCO-item no. 14 0460	CIMCO-item no. 14 0462	CIMCO-item no. 14 0458



SAFETY SET STANDARD 1	SAFETY SET STANDARD 2	ELECTRICIAN SAFETY SET STANDARD	ROPE BAG ELECTRICIAN SAFETY SET	SHOCKYARD FALL SHOCK ABSORBING STRAP
Versatile set with a fall arrester, spring loaded retractor which keeps the fall distance as short as possible, safety harness with additional padding and a load-bearing capacity of up to 140 kg. In a practical Rope Bag: Safety harness, up to 140 kg (EN 361/358), safety harness, 2.5 m, with front and rear D ring	This set is suitable for working safely on mobile elevated platforms. In a practical Rope Bag: safety harness, up to 140 kg (EN 361/358), fall arrester, 1.8 m	Used for: repair and maintenance work, e.g. working on pitched roofs. The front and side D rings meet the BG (Employer's Liability Insurance Association) guidelines for work in areas with a risk of falling. In a sturdy sheet steel case: safety harness (EN 361/358) belt sling 30 kN - 1 m mobile safety lanyard ERGOG RIP	This set is used in a range of applications in construction and in industry. The D rings meet the BG (Employer's Liability Insurance Association) guidelines for work in areas with a risk of falling. In the practical Rope Bag: safety harness (EN 361) belt sling 22 kN - 2 m mobile fall arrester MAGIC 15 m	According to EN 355, 354, fall shock absorber and sling in one. Only 95 cm fall distance with fall factor 2 (4 m - 100 kg falling weight). Comfortable, light and flexible, temperature-resistant to 80 °C, abrasion proof protective sheathing. Continuous fall arresting due to elastic fibres. When falling, no shocking noise from tearing.
CIMCO-item no. 14 0470	CIMCO-item no. 14 0472	CIMCO-item no. 14 0495	CIMCO-item no. 14 0496	CIMCO-item no. 14 0500



SAFETY LANYARD ERGOG RIP	BELT SLING, 25 MM	MOBILE FALL ARRESTER MAGIC
According to EN 358. Safety lanyard for workstation positioning with ergonomically shaped operating element, one-hand karabiner, 12 mm kernmantle rope. The rope is fixed to the D rings on the harness.	Strong polyamide sling (PA) for industrial use, the round sling is 25 mm wide and has a breaking load of 26 kN.	According to EN 353-2 fall arrester is freely mobile in both directions. Available in different rope lengths made of 12 mm kernmantle rope.
CIMCO-item no. 14 0490 1.5 m	CIMCO-item no. 14 0464 0.8 m 14 0466 1.5 m	CIMCO-item no. 14 0475 10 m 14 0476 15 m

## WORKING SAFELY ON ENERGISED PARTS

Anyone who works on energised parts needs to know exactly what they are doing to make sure they do not endanger their own life or that of others. The choice of tools plays a particularly important role in this. Insulated tools and insulating work materials from CIMCO are labelled with the isolator symbol and/or a double triangle with the assigned voltage. The two triangles pictured overlapping one above the other make up the internationally recognised pictogram for working on energised parts.



## ELECTRICAL SAFETY - HAND PROTECTION

**Service life:** The service life depends on the storage, use, and cleaning conditions.

- Insulating gloves need to be retested 6 months after their first use.
- New gloves can be stored for a period of one year.
- The gloves can be used as long as they pass the six-monthly check.

**Storage:** The gloves should be stored in their respective containers or packaging. Measures should be taken to ensure that the gloves are not under pressure, bent or stored near steam pipes, radiators or other heat sources and are not exposed to direct sunlight, artificial light or ozone-generating sources. An ambient temperature of between 10 °C and 21 °C is recommended.

**Repeat testing:** Before every use: Visual inspection after filling with air.

For classes 1 to 4, electrical testing every 6 months

Class	Test voltage	Working voltage	Storage	Frequent use			Storage or infrequent use			Recom- mendation
				Visual inspection	Leak testing	Electrical testing	Visual inspection	Leak testing	Electrical testing	
00	2,500 V	500 V	+ 10 - 21°C	Before every use	Inflating	-	Before every use	Inflating	-	-
0	5,000 V	1000 V	+ 10 - 21°C	Before every use	Inflating	-	Before every use	Inflating	-	-
1	10,000 V	7,500 V	+ 10 - 21°C	Before every use	Inflating	every 6 months	Before every use	Inflating	every 12 months	-
2	20,000 V	17,000 V	+ 10 - 21°C	Before every use	Inflating	every 6 months	Before every use	Inflating	every 12 months	Visual inspection of inside of gloves
3	30,000 V	26,500 V	+ 10 - 21°C	Before every use	Inflating	every 6 months	Before every use	Inflating	every 12 months	
4	40,000 V	36,000 V	+ 10 - 21°C	Before every use	Inflating	every 6 months	Before every use	Inflating	every 12 months	



### ELECTRICAL SAFETY GLOVES

According to DIN EN 60903, with test mark, made of natural latex, anatomical fit, best flexibility, protection class 3, colour: red

Size	Working voltage	Test voltage	Class	Material thickness mm	PU	CIMCO-item no.
9	500 V	2 500 V	00	0.5	1 Pair	14 0237
10	500 V	2 500 V	00	0.5	1 Pair	14 0238
11	500 V	2 500 V	00	0.5	1 Pair	14 0239
9	1 000 V	5 000 V	0	1.0	1 Pair	14 0215
10	1 000 V	5 000 V	0	1.0	1 Pair	14 0214
11	1 000 V	5 000 V	0	1.0	1 Pair	14 0240
9	7 500 V	10 000 V	1	1.5	1 Pair	14 0245
10	7 500 V	10 000 V	1	1.5	1 Pair	14 0244
11	7 500 V	10 000 V	1	1.5	1 Pair	14 0243
9	17 000 V	20 000 V	2	2.3	1 Pair	14 0247
10	17 000 V	20 000 V	2	2.3	1 Pair	14 0246
11	17 000 V	20 000 V	2	2.3	1 Pair	14 0242
11	26 500 V	30 000 V	3	2.9	1 Pair	14 0241

### WORK GLOVES "TRIKOT" (JERSEY)

Perfect for wearing under electrical safety gloves:

Knitted gloves with knitted cuff, nylon/cotton, can be worn on both sides, according to DIN EN 388/EN407, colour: white

#### CIMCO-item no./size

14 1276 / size 8/M  
14 1277 / size 9/L  
14 1278 / size 10/XL  
14 1279 / size 11/XXL

### STORAGE BOX FOR ELECTRICAL SAFETY GLOVES

For transport or secure storage in vehicles or tool cases, made of unbreakable insulating material.  
Dimensions: 476 x 224 x 100 mm, Weight 320 g

#### CIMCO-item no. 14 0150



## FOOT PROTECTION

Insulating footwear must be stored dry. Before every use, it needs to be checked according to BGV A3 (Employer's Liability Insurance Association) for obvious damage and noticeable defects. After one year at the latest, the insulating footwear must be subjected to electrical dielectric strength testing in accordance with EN 50321. The inspection body and the inspection date must be permanently noted on the designated identification field.

**CIMCO foot protection products have the following features:**

**SB:** The SB certification shows the basic safety requirements made of the boots. These include a toe protection cap and slip resistance which complies with at least SRA and SRB. The boots are subjected to tests which meet the EN ISO 20345:2011 standard and are certified.

**SRA-certified slip resistant outer sole:** To certify the slip resistance properties, SRA certified boots are tested on ceramic tiles covered with a soap solution. The coefficient of sliding friction is measured when the heels slide forward, as well as when the whole foot slides forward.

**Waterproof:** The boots are one hundred percent waterproof to keep your feet dry in wet and dirty environments.

**Oil-resistant outer sole:** The outer sole being resistant to oil means that damage to the safety features of the boots caused by oily substances is minimised.

**Chemical resistant:** The boots will protect you against many different chemicals. You decide which boot is right for you based on your intended use and the chemicals and environmental conditions that typically occur.



### 1000 V ELECTRICIAN'S BOOTS

Premium safety boots made of a PVC-nitrile mixture, approved according to EN 345-SB. EN 50321.1999 Class 0, 1 pair

**CIMCO-item no./size**

- 14 0219 / size 42
- 14 0220 / size 43
- 14 0221 / size 44 - 45
- 14 0222 / size 46

### INSULATING OVERSHOES

For electrical engineering work under voltage indoors on solid ground (e.g. changing energised meters, activities around disconnecting utilities, work on indoor cable distributors), are an equivalent replacement for site insulation up to 1000 V AC/1500 V DC, quick fastening to normal footwear using 2 Velcro fasteners around toe and with a plug-in fastener in the heel area, type-tested in accordance with DIN EN 50 321. Use in wet conditions, on ladders and when working outdoors, especially in cable trenches is not permitted, nor is work where earth contact with other body parts cannot be ruled out (e.g. while working on your knees). 1 Pair

**CIMCO-item no./size**

- 14 0227 / size 40 - 43
- 14 0228 / size 43 - 46



## HEAD PROTECTION

It is important to regularly check and maintain your hardhat. CIMCO recommends a maximum service life of between two and five years – calculated from the first day of use. Please note that if you use adhesive labels on your hardhat, they may attack the structure of the plastic over a period of time. For this reason, CIMCO recommends only using adhesives on an acrylate or water basis if labelling is necessary. Sticky labels on a solvent basis or marker pens must not be used to label your helmet.



### 1000 V ELECTRICIAN'S AND INDUSTRIAL HARDHAT

DIN EN 397 CE, DIN EN 50365, made of HDPE (polyethylene), electrical protection up to 1000 V AC and 1500 V DC, 30 mm slot for attaching ear muffs or face mask, hygienic head sweatband for head sizes 54 - 61 cm, weight: 322 g

**CIMCO-item no./colour**

- 14 0200/yellow    14 0201/blue
- 14 0202/white    14 0203/red

### 4-POINT CHIN STRAP MADE OF ELASTIC MATERIAL

For attaching to an electrician's hardhat, ensures it stays in place e.g. in high wind, when working at heights, etc.

**CIMCO-item no. 14 0268**





## FACE PROTECTION

Sometimes you are exposed to short-circuit arcs, liquid splashes or impinging particles. A face guard is particularly necessary when working in on electrics, on high-voltage connections or as a fault engineer, as splinters, finely atomised molten material and a broad spectrum of electromagnetic energy can be released in such a critical situation.



### △ CIMCO-1000 V FACE GUARD CLASS 1

The newest generation of face protection for electricians, light, ideal weight distribution on the helmet, service life up to 10 years. arc fault tested according to German Social Accident Insurance (DGUV) GS-ET-29, class 1 (APC 1), DIN EN 166, "Personal eye protection", natural colour reproduction with clear, non-coloured visor >95%, universal attachment bracket suitable for commercially available electrician's hardhats

CIMCO-item no. 14 0252

### △ CIMCO-1000 V FACE GUARD CLASS 2

The newest generation of face protection for electricians, light, transparent chin guard, ideal weight distribution on the helmet, service life up to 10 years. arc fault tested according to German Social Accident Insurance (DGUV) GS-ET-29, class 2 (APC 2), DIN EN 166, "Personal eye protection", natural colour reproduction with clear, non-coloured visor >95%, universal attachment bracket suitable for commercially available electrician's hardhats, antifog protection spray included in the scope of delivery

CIMCO-item no. 14 0253

### ELECTRICIAN'S PROTECTIVE FACE SHIELD

According to DIN EN 166, use as arc fault face protection with ear protection during short-term switching activities as well as other work on energised parts (e.g., on distributor cabinets, home junction boxes, during meter changes, pulling and installing NH fuses, creating a T-socket, etc.), not to be used with work on energised, non-insulated, overhead lines and on equipment with risk of direct contact with active parts, type and CE tested

CIMCO-item no. 14 0206



## BODY PROTECTION

Body protection is the part of your personal protection equipment designed to protect your torso while working from a range of influences which could lead to burns, chemical burns, hypothermia or electric shocks. Body protection includes, for example, protective suits, trousers, aprons and waistcoats, but also floor mats for working in live areas.



### COVER CLOTHS

Ozone and weather resistance, excellent flame resistance, resistant to grease and acid, temperature resistant from -40 °C to +100 °C, no ageing inhibitor necessary, for covering energised parts.

IEC 61112 approved	L x W x H mm	CIMCO-item no.
△ 1000 V	600 x 600 x 1.6	14 0154
△ 1000 V	1000 x 1000 x 1.6	14 0156
△ 1000 V	1200 x 1200 x 1.6	14 0158
△ 1000 V	Roll 10 m x 1 m x 1.6 mm	14 0157

VDE 0682-511:2010-03, DIN EN 61112:2009	CIMCO-item no.
△ 1000 V	600 x 600 x 1.6
△ 1000 V	1000 x 1000 x 1.6
△ 1000 V	1200 x 1200 x 1.6
△ 1000 V	Roll 10 m x 1 m x 1.6 mm

### INSULATING MATS

Protective mats for electrical switch rooms, resistant against weathering, ozone, light, and acids, oil and fire-resistant (UL 94 V-0). The 3 mm thick mat has a dielectric strength of the test voltage class 0 (1000 V), a raised surface, made of grey polymer, grippy surface (ribbed) for increased foothold, temperature stability from -30°C to +70°C.

IEC 61112 approved	L x W x H mm	CIMCO-item no.
△ 1000 V	1000 x 1000 x 3 mm	14 0224
△ 1000 V	10 m x 1 m x 3 mm	14 0225
△ 1000 V	5 m x 1 m x 3 mm	14 0295

VDE 0680-1:2010-04, DIN EN 61111:2009	CIMCO-item no.
△ 1000 V	1000 x 1000 x 3 mm
△ 1000 V	10 m x 1 m x 3 mm
△ 1000 V	5 m x 1 m x 3 mm



**OVERALLS WHITE/ORANGE**

Disposable overalls, comfortable and light to wear, protect against liquid vapour, minor liquid sprays and airborne solid particles, good visibility due to clearly visible orange seams, with zipper, hood, arms and legs are closed off by an elastic band, comply with Cat. III / Type 4B+5B +6B, antistatic, viral protection test according to EU standard 14126

**CIMCO-item no. / size**  
 14 5026 / L  
 14 5028 / XL  
 14 5030 / XXL

**OVERALLS WHITE**

Disposable overalls, comfortable and light to wear, protect against liquid mist, minor liquid splashes and airborne solid particles, with zip, elastic inserts on hood, waist, wrists and ankles, CE-certified. Type 5B+6B, Cat III, EN14126 antistatic and breathable, lint-free and abrasion-resistant

**CIMCO-item no./size**  
 14 5032 / L  
 14 5034 / XL  
 14 5036 / XXL

**WARNING VEST**

As a breakdown vest for car drivers and for use by street crews, in luminous orange (RAL 2005), made of mixed cotton fabric (80% polyester, 20% cotton), with two horizontal 50 mm wide reflective strips all the way around the vest for best visibility, one size, universal size adjustment using Velcro fastener, according to EN 471

**CIMCO-item no. 14 2012**

**SETS**



**PSA SET, 4-PIECE**

In a practical and sturdy shoulder bag:  
 1 x Electrician's hardhat (14 0200),  
 1 x Electrician's face guard (14 0252),  
 1 x NH safety handle (14 0210),  
 1 x Electrician's finger gloves (14 0214)

**CIMCO-item no. 14 0255**

**PSA SET, 5-PIECE**

In a practical and sturdy shoulder bag:  
 1 x Electrician's hardhat (14 0200),  
 1 x Electrician's face guard (14 0252),  
 1 x NH safety handle (14 0210),  
 1 x Electrician's finger gloves (14 0214) and  
 1 x Insulating mat (14 0224)

**CIMCO-item no. 14 0250**

**PSA STARTER SET, 5-PIECE**

In a practical and sturdy shoulder bag:  
 1 x Electrician's hardhat (14 0200),  
 1 x EXPLORER safety glasses (14 0205),  
 1 x Ear plugs (14 0279),  
 1 x Fine dust mask FFP2 (14 0292) and  
 1 x Work glove SKINNY SOFT (14 0292)

**CIMCO-item no. 14 6817**

**PSA BACKPACK, 15-PIECE**

In a practical and sturdy backpack:  
 1 x Ear plugs (5 pairs),  
 2 x Fine dust mask FFP2,  
 1 x EXPLORER safety glasses,  
 10 x Work gloves SKINNY SOFT size 10,  
 1 x Work gloves Standard SKINNY FLEX size 10

**CIMCO-item no. 14 6842**

**INSULATED SAFETY TOOLS BY CIMCO – SAFETY AT YOUR FINGERTIPS**



- Handles with two-colour plastic dip insulation or modern 2-component design for optimum safety.
- CIMCO safety tools are tested for voltage resistance with the help of specially designed robots.
- “Made in Germany”: All insulated pliers and screwdrivers are tested in a water bath at 10,000 volts AC according to the valid directives.

# SAFETY PLIERS

Pliers in the Diamant-Plus series comply with the current standards: IEC 900, IEC 60900 and VDE 0682/Part 201. These strict safety rules stipulate 10 different quality checks for the insulation protection of all pliers. In addition to the type examination, the independent testing body of VDE also regularly performs production and storage inspections. Each individual set of pliers is tested in a water bath for disruptive discharges and flashovers at a testing voltage of 10,000 Volt AC. As a result, we guarantee that safety has been tested on all pieces.



## SHEATHED SAFETY PLIERS

Ergonomic designed handle sleeves in a two-component design made of premium plastic. Superb grip thanks to non-slip, non-adhesive surface when dealing with wet conditions and dirt. Completely skin-friendly, resistant against sweat, salt water, oil, many chemicals and UV radiation.

## DIP-INSULATED SAFETY PLIERS

Handles with two-colour plastic dip insulation for optimum safety. In the event of damage to the outer red insulation layer, the lower orange plastic insulation that is now visible indicates that 100% safety in accordance with the safety standards can no longer be guaranteed.

### 1000 V HEAVY DUTY DIAGONAL PLIERS



according to DIN ISO 5749 A, lap joint, with induction hardened precision blade (approx. 64 HRC), for all wires, also including piano wire, made of electric steel

160 (6")  
200 (8")

CIMCO-item no. 10 0526  
CIMCO-item no. 10 0528



according to DIN ISO 5749 A, lap joint, with induction hardened precision blade (approx. 64 HRC), for all wires, also including piano wire, made of electric steel

160 (6")  
200 (8")

CIMCO-item no. 10 8789  
CIMCO-item no. 10 8784

### 1000 V DIAGONAL PLIERS



according to DIN ISO 5749 A, lap joint, with induction hardened precision blade (approx. 64 HRC), for all wires, also including piano wire, made of electric steel

145 (5.5")  
160 (6")  
180 (7")

CIMCO-item no. 10 0572  
CIMCO-item no. 10 0574  
CIMCO-item no. 10 0577



according to DIN ISO 5749 A, lap joint, with induction hardened precision blade (approx. 64 HRC), for all wires, also including piano wire, made of electric steel

145 (5.5")  
160 (6")  
180 (7")

CIMCO-item no. 10 8785  
CIMCO-item no. 10 8786  
CIMCO-item no. 10 8787

### 1000 V STRIPPING DIAGONAL PLIERS



Single joint, with induction hardened precision blade (approx. 64 HRC), for hard, medium-hard, and soft wire, with two additional stripping functions for solid and multi-wire conductors measuring 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup>

160 (6")

CIMCO-item no. 10 0652



Single joint, with induction hardened precision blade (approx. 64 HRC), for hard, medium-hard, and soft wire, with two additional stripping functions for solid and multi-wire conductors measuring 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup>

160 (6")

CIMCO-item no. 10 8792

### 1000 V COMBINATION PLIERS



according to DIN ISO 5746, single joint, with induction hardened precision blade (approx. 64 HRC), for all wires, also including piano wire, manufactured of special tool steel with slightly tapered, ridged gripping surfaces and ridged recess (burner hole)

160 (6")  
180 (7")  
200 (8")

CIMCO-item no. 10 0334  
CIMCO-item no. 10 0336  
CIMCO-item no. 10 0338



according to DIN ISO 5746, single joint, with induction hardened precision blade (approx. 64 HRC), for all wires, also including piano wire, manufactured of special tool steel with slightly tapered, ridged gripping surfaces and ridged recess (burner hole)

160 (6")  
180 (7")  
200 (8")

CIMCO-item no. 10 8781  
CIMCO-item no. 10 8782  
CIMCO-item no. 10 8783

### 1000 V WIRE STRIPPER



single joint with adjusting screw for setting the desired wire or stranded wire diameter, for solid and multi-wire conductors up to 5 mm  $\varnothing$  or 0.75 mm<sup>2</sup> to 6 mm<sup>2</sup>, with internal opening spring

160 (6")

CIMCO-item no. 10 0686



single joint with adjusting screw for setting the desired wire or stranded wire diameter, for solid and multi-wire conductors up to 5 mm  $\varnothing$  or 0.75 mm<sup>2</sup> to 6 mm<sup>2</sup>, with internal opening spring

160 (6")

CIMCO-item no. 10 8790

### 1000 V TELEPHONE PLIERS WITH STRAIGHT JAWS



according to DIN ISO 5745, single joint, with induction hardened precision blade (approx. 60 HRC), long, flat-round jaws (needle nose pliers), ridged gripping surfaces and ridged recess (burner hole), with blades for hard and soft wire

160 (6")  
200 (8")

CIMCO-item no. 10 0214  
CIMCO-item no. 10 0216



according to DIN ISO 5745, single joint, with induction hardened precision blade (approx. 60 HRC), long, flat-round jaws (needle nose pliers), ridged gripping surfaces and ridged recess (burner hole), with blades for hard and soft wire

160 (6")  
200 (8")

CIMCO-item no. 10 8779  
CIMCO-item no. 10 8778

**SHEATHED SAFETY PLIERS** | **DIP-INSULATED SAFETY PLIERS**

Ergonomic designed handle sleeves in a two-component design made of premium plastic. Superb grip thanks to non-slip, non-adhesive surface when dealing with wet conditions and dirt. Completely skin-friendly, resistant against sweat, salt water, oil, many chemicals and UV radiation.

Handles with two-colour plastic dip insulation for optimum safety. In the event of damage to the outer red insulation layer, the lower orange plastic insulation that is now visible indicates that 100 % safety in accordance with the safety standards can no longer be guaranteed.

**1000 V TELEPHONE PLIERS WITH BENT JAWS**



according to DIN ISO 5745, single joint, 45° angled jaws, with induction hardened precision blade (approx. 60 HRC), long, flat-round jaws (needle nose pliers), ridged gripping surfaces and ridged recess (burner hole), with blades for hard and soft wire

160 (6") **CIMCO-item no. 10 0236**  
200 (8") **CIMCO-item no. 10 0238**



according to DIN ISO 5745, single joint, 45° angled jaws, with induction hardened precision blade (approx. 60 HRC), long, flat-round jaws (needle nose pliers), ridged gripping surfaces and ridged recess (burner hole), with blades for hard and soft wire

160 (6") **CIMCO-item no. 10 8777**  
200 (8") **CIMCO-item no. 10 8780**

**1000 V FLAT NOSE PLIERS (LONG FLAT NOSE PLIERS)**



according to DIN ISO 5745, single joint, long, flat jaws, jaw length 50 mm, ridged gripping surfaces

160 (6") **CIMCO-item no. 10 0024**



according to DIN ISO 5745, single joint, long, flat jaws, jaw length 50 mm, ridged gripping surfaces

160 (6") **CIMCO-item no. 10 8771**

**1000 V ROUND NOSE PLIERS (LONG FLAT NOSE PLIERS)**



according to DIN ISO 5745, single joint, long, round jaws, jaw length 50 mm, fine ridged gripping surfaces

160 (6") **CIMCO-item no. 10 0062**



according to DIN ISO 5745, single joint, long, round jaws, jaw length 50 mm, fine ridged gripping surfaces

160 (6") **CIMCO-item no. 10 8773**

**1000 V PLIER ASSORTMENT, 4-PIECE**



Heavy duty diagonal pliers	200 (8")	10 0528
Telephone pliers (straight jaws)	200 (8")	10 0216
Combination pliers	180 (7")	10 0336
Wire stripper	160 (6")	10 0686
<b>CIMCO-item no. 10 4020</b>		



Heavy duty diagonal pliers	200 (8")	10 8784
Telephone pliers (straight jaws)	200 (8")	10 8782
Combination pliers	180 (7")	10 0336
Wire stripper	160 (6")	10 8790
<b>CIMCO-item no. 10 8002</b>		

**OTHER SAFETY PLIERS**



**1000 V DIAGONAL PLIERS *Diamant*, ACCORDING TO DIN ISO 5749**

**Cutting performance:** A special cutting geometry, optimised manual force transmission and the best possible material quality ensure amazingly low cutting forces on cables and conductors of all kinds.  
**Surface coating:** Thanks to new technological possibilities, the diagonal pliers are given a double primer coat as well as a more refined surface coating that ensures a high level of wear resistance and improved corrosion protection.  
**Handle sleeves:** Ergonomically designed handle sleeves in a modern two-component design made of premium plastic with excellent tactile properties, VDE-certified insulation protection up to 1000 Volt AC according to DIN EN 60900:2004. Size: 160 mm

CIMCO-item no. 10 0000



**1000 V WATER PUMP PLIERS**

according to DIN ISO 8976, with box joint, self-clamping on the workpiece, with ridged recess (burner hole), made of chrome-vanadium steel. Size: 250 mm

CIMCO-item no. 10 8724

# 1000 V PLASTIC PLIERS 1000V



TELEPHONE PLIERS	GRIP PLIERS	COMBINATION PLIERS	CABLE CUTTER	FLAT NOSE PLIERS
made of impact-resistant, fibre-glass reinforced plastic with 2-component handles, ridged gripping surfaces and narrow tips, rugged design, can be used at temperatures as low as -40 °C Size: 180 mm	made of impact-resistant, glass fibre reinforced plastic with two-component handles, gripping zone with 8 recesses for different cable diameters, without blades, rugged design, can be used in temperatures as low as -40°C Size: 180 mm	made of impact-resistant, fibre glass reinforced plastic with two-component handles, with blade inserts made of special steel, extra-long blades for flexible conductors with diameters of up to 12 mm as well as medium-hard wire, gripping zone with 3 recesses for different cable diameters, rugged design, can be used in temperatures as low as -40°C Size: 190 mm	made of impact-resistant, fibre glass reinforced plastic with two-component handles, with blade inserts made of special steel, for flexible Al and Cu conductors with diameters of up to 15 mm, excellent cutting performance, rugged design, can be used in temperatures as low as -40°C Size: 170 mm	especially suitable for meter installation Size: 200 mm
CIMCO-item no. 10 0790	CIMCO-item no. 10 0792	CIMCO-item no. 10 0794	CIMCO-item no. 12 0790	CIMCO-item no. 10 0796

# TWEEZERS



INSULATED TWEEZERS		1000 V TWEEZERS	
bent, pointed shape	150 mm	straight, flat-round shape	145 mm
straight, flat-round shape	145 mm	bent, flat-pointed shape	145 mm
CIMCO-item no. 10 3112		CIMCO-item no. 10 3232	
CIMCO-item no. 10 3114		CIMCO-item no. 10 3240	

# 1000 V CABLE SHEARS 1000V




DUOCUT CABLE SHEARS	DUOCUT CABLE SHEARS 12	CABLE SHEARS	ONE-HAND CABLE SHEARS
for copper and aluminium cables with multi-component VDE sheathing. Particularly suitable for cutting cables precisely without deformation. The handles can be opened up to 140°, making a longitudinal cut possible. VDE/GS approved, according to IEC 60900 and VDE 0682 / part 201. Weight: 175 g, size: 160 mm <b>Highlight:</b> The two-stage cutting zone: 1. Large blade for sheathed cables up to max. 10 mm ø 2. Small blade for individual wires up to max. 4 mm ø	for copper and aluminium cables with multi-component VDE sheathing. Particularly suitable for cutting cables precisely without deformation. The handles can be opened up to 140°, making a longitudinal cut possible. VDE/GS approved, according to IEC 60900 and VDE 0682 / part 201. Weight: 300 g, Size: 200 mm <b>Highlight:</b> The two-stage cutting zone: 1. Large blade for sheathed cables up to max. 12 mm ø 2. Small blade for individual wires up to max. 4 mm ø	for copper and aluminium cables, excellent cutting performance, made from case-hardened 5 mm flat tool steel, precision ground cutting edges, finely bronzed, 2-component plastic handle sleeves, with special blade for fine-stranded cable up to ø 18 mm • VDE/GS approved • According to IEC 60900 and VDE 0682 / part 201 • Product conforms to the current Product Safety Act (ProdSG) Size: 180 mm for cable ø: 18 mm, solid 16 mm <sup>2</sup> , flexible: 50 mm <sup>2</sup>	for copper and aluminium cable, excellent cutting performance, smooth cut without deformation, with double dip-coated special insulation Size: 160 mm for cable ø: 16 mm, solid 16 mm <sup>2</sup> , flexible: 50 mm <sup>2</sup> CIMCO-item no. 12 0206 Size: 200 mm for cable ø: 25 mm, solid 25 mm <sup>2</sup> , flexible: 70 mm <sup>2</sup> CIMCO-item no. 12 0202
CIMCO-item no. 12 0108	CIMCO-item no. 12 0112	CIMCO-item no. 12 0114	CIMCO-item no. 12 0202

# 1000 V CABLE STRIPPING KNIFE 1000V




1000 V CABLE STRIPPING KNIFE	1000 V CABLE STRIPPING KNIFE	1000 V CABLE STRIPPING KNIFE	1000 V CABLE STRIPPING KNIFE
with straight blade and insulated blade back, blade length: 50 mm CIMCO-item no. 12 0043	with hooked cutting edge, blade length: 35 mm CIMCO-item no. 12 0044	with hook-shaped blade and shuttle, blade length: 40 mm CIMCO-item no. 12 0046	with strong, straight blade, blade length: 50 mm CIMCO-item no. 12 0042



1000 V SAFETY CABLE STRIPPING KNIFE	 1000 V SAFETY CABLE STRIPPING KNIFE
with insulated blade back and blade guard that folds away into the shaft, interchangeable blade CIMCO-item no. 12 0064 Blade width 50 mm CIMCO-item no. 12 0066 interchangeable blade	Cable stripping knife especially for working on large cable insulation, with straight, strong blade made of stainless steel, blade length approx. 50 mm. 1000 volt insulation-protected handle with large anti-slip protection and in modern 2-component technology (polypropylene with soft rubber inlay) making it comfortable and safe to use even in wet, cold or hot conditions. With blade protection cover. CIMCO-item no. 12 1042

## AUTOMATIC WIRE STRIPPER

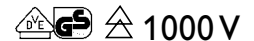



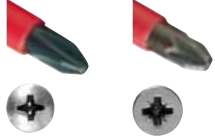


 1000 V AUTOMATIC WIRE STRIPPER SAFETY-STRIP

for flexible stranded wires and solid conductors of 0.2 to 6 mm<sup>2</sup>, insulation-protected to 1000 Volt, DIN EN 60 900:2004 approved, automatic adjustment to the conductor cross section, integrated length stop and closer for transport and storage 0.2 – 6 mm<sup>2</sup>  
CIMCO-item no. 10 0762

# INSULATED VDE SCREWDRIVERS ACCORDING TO IEC 60900

classification VDE 0682, part 201. Individually tested in a water bath with a testing voltage of 10,000 V.



VDE SLOT-HEAD SCREWDRIVER	VDE PHILLIPS + POZIDRIVE CROSS-HEAD SCREWDRIVERS																																																												
according to DIN EN 60900; VDE 0682 - 201; DIN ISO 2380	according to DIN EN 60900; VDE 0682 - 201; DIN ISO 8764																																																												
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**VDE TORX® SCREWDRIVER**

according to DIN EN 60900; VDE 0682 - 201



Design	Size		Item no.
T 8	60	145 mm	● 11 7908
T 9	60	145 mm	11 7909
T 10	60	155 mm	● 11 7910
T 15	75	170 mm	● 11 7915
T 20	100	195 mm	● 11 7920
T 25	100	195 mm	● 11 7925
T 30	100	210 mm	11 7930
<b>Set, 5-piece (see ●)</b>			<b>11 7900</b>

**VDE NUT DRIVER**

according to DIN EN 60900; VDE 0682 - 201



Design	Size		Item no.
Size 5.5	125	220 mm	● 11 7805
Size 6	125	220 mm	11 7806
Size 7	125	235 mm	● 11 7807
Size 8	125	235 mm	● 11 7808
Size 9	125	235 mm	11 7809
Size 10	125	235 mm	● 11 7810
Size 11	125	235 mm	11 7811
Size 13	125	235 mm	● 11 7813
<b>Set, 5-piece (see ●)</b>			<b>11 7801</b>

**VDE ELECTRICIAN SCREWDRIVER SET, 7-PIECE**



VDE screwdriver for slot-head screws	Item no.
2.5 x 0.4 x 75	11 7701
3.0 x 0.5 x 100	11 7702
4.0 x 0.8 x 100	11 7704
5.5 x 1.0 x 125	11 7705
<b>VDE cross-head screwdriver</b>	
PH 1 x 80	11 7731
PH 2 x 100	11 7732
VDE voltage tester (250 V AC)	11 1280
<b>Set, 7-piece</b>	<b>11 7800</b>



**VDE ELECTRICIAN SCREWDRIVER SET, 7-PIECE**



VDE screwdriver for slot-head screws	Item no.
2.5 x 0.4 x 75	11 7701
3.0 x 0.5 x 100	11 7702
4.0 x 0.8 x 100	11 7704
5.5 x 1.0 x 125	11 7705
<b>VDE cross-head screwdriver</b>	
PZ 1 x 80	11 7741
PZ 2 x 100	11 7742
VDE voltage tester (250 V AC)	11 1280
<b>Set, 7-piece</b>	<b>11 7802</b>



**VDE SCREWDRIVER SET ELEKTRO-MEGA-DRIVE, 13-PIECE**



VDE electrician screwdrivers for slot-head screws	Item no.
2.5 x 0.4 x 75	11 7701
3.0 x 0.5 x 100	11 7702
4.0 x 0.8 x 100	11 7704
5.5 x 1.0 x 125	11 7705
<b>VDE cross-head screwdriver</b>	
PH 1 x 80	11 7731
PH 2 x 100	11 7732
PZ 1 x 80	11 7741
PZ 2 x 100	11 7742
<b>VDE TORX® screwdriver</b>	
T 10	11 7910
T 15	11 7915
T 20	11 7920
T 25	11 7925
VDE voltage tester (250 V AC)	11 1280
<b>Set, 13-piece</b>	<b>11 7000</b>



**VOLTAGE TESTER**



with clear transparent, impact-resistant plastic haft, VDE approved.

W mm	L mm	Testing range volts	Size mm	Item no.
3.0	65	120 – 250 VC	140	11 1280
3.0	100	120 – 250 VC	190	11 1288



Ergonomically shaped triangular handle in transparent, impact-resistant plastic, curved longitudinal contour optimises contact forces, retaining clip on handle, manufactured according to current DIN standard, VDE/GS approved.

W mm	L mm	Testing range volts	Size mm	Item no.
3.0	65	150 – 250 VC	155	11 1282

# 1000 V INSULATED VDE-SLIM SCREWDRIVER 1000 V

Narrow blade insulation to optimally access recessed screws. According to IEC 60900, classification VDE 0682, part 201. Individually tested in a water bath with a testing voltage of 10,000 V. GS approved. Ergonomic triangular handle shape, resistant to petrol, thinners and other chemical solvents.



## VDE SLIM SLOT-HEAD SCREWDRIVERS VDE-SLIM PHILIPS CROSS-HEAD SCREWDRIVERS

Design	Size		Item no.
	Blade	Length	
3.0 x 0.5	100	185 mm	11 7760
3.5 x 0.6	100	185 mm	11 7762
4.0 x 0.8	100	185 mm	11 7764
5.5 x 1.0	125	220 mm	11 7768
6.5 x 1.2	150	245 mm	11 7770

Design	Size		Item no.
	Blade	Length	
PH 1	80	165 mm	11 7777
PH 2	100	195 mm	11 7779

## VDE SLIM POZIDRIV CROSS-HEAD SCREWDRIVERS VDE-SLIM SPECIAL SCREWDRIVERS WITH COMBINATION PROFILE

Design	Size		Item no.
	Blade	Length	
PZ 1	80	165	11 7776
PZ 2	100	195	11 7778



Design	Size		Item no.
	Blade	Length	
PH FL 1	80	165	11 7773
PH FL 2	100	195	11 7775
PZ FL 1	80	165	11 7780
PZ FL 2	100	195	11 7782

## VDE-SLIM TORX® SCREWDRIVERS VDE-SLIM SQUARE SCREWDRIVERS

Design	Size		Item no.
	Blade	Length	
T 10	60	155	11 7784
T 15	75	170	11 7786
T 20	100	195	11 7788
T 25	100	195	11 7790
T 30	100	210	11 7792

Design	Size		Item no.
	Blade	Length	
SQ 1	100	205	11 7794
SQ 2	120	240	11 7796

## VDE SLIM SCREWDRIVER SET, 5-PIECE VDE SLIM CROSS-HEAD SCREWDRIVER SET, 6 PIECE



	VDE electrician screwdrivers for slot-head screws	Item no.
	3.0 x 0.5 x 100 mm	11 7760
	4.0 x 0.8 x 100 mm	11 7764
	5.5 x 1.0 x 125 mm	11 7768
	VDE cross-head screwdriver	Item no.
	PZ 1 x 80 mm	11 7776
	PZ 2 x 100 mm	11 7778
<b>Set, 7-piece</b>		<b>11 7850</b>

	VDE electrician screwdrivers for slot-head screws	Item no.
	3.0 x 0.5 x 100 mm	11 7760
	3.5 x 0.6 x 100 mm	11 7762
	VDE cross-head screwdriver	Item no.
	PZ 1 x 80 mm	11 7776
	PZ 2 x 100 mm	11 7778
	VDE special screwdriver with combination profile	Item no.
	PZ FL 1 x 80 mm	11 7780
	PZ FL 2 x 100 mm	11 7782
	<b>Set, 6-piece</b>	<b>11 7852</b>

## VDE-SLIM TORX® SCREWDRIVER SET, 6-PIECE PRECISION SAFETY SCREWDRIVER SET, 7-PIECE

	VDE TORX® screwdriver	Item no.
	T 10 x 60 mm	11 7784
	T 15 x 75 mm	11 7786
	T 20 x 100 mm	11 7788
	T 25 x 100 mm	11 7790
	VDE special screwdriver with combination profile	Item no.
	PZ FL 1 x 80 mm	11 7780
	PZ FL 2 x 100 mm	11 7782
<b>Set, 6-piece</b>		<b>11 7854</b>

according to IEC 60900, blade, insulation, and handle are inseparably connected to each other, routine testing in a water bath with a test voltage of 10,000 volts.

	for slot-head screws	Item no.	
	1.5 x 0.3 x 40	140 mm	11 2000
	1.8 x 0.3 x 60	160 mm	11 2002
	2.0 x 0.4 x 60	160 mm	11 2004
	2.5 x 0.4 x 75	175 mm	11 2006
3.0 x 0.5 x 75	175 mm	11 2008	
	for Phillips cross-head screws	Item no.	
	PH 00 x 40	140 mm	11 2020
	PH 0 x 60	160 mm	11 2022
<b>Set, 7-piece</b>		<b>11 2050</b>	



# SCREWDRIVER REPLACEMENT BLADES

## VDE TORQUE SCREWDRIVER SET, 9-PIECE

The torque is adjusted without additional tools and can be adjusted with the locking mechanism which prevents unintentional adjustment. Adjustment steps 0.02 Nm, the torque is read off through a transparent scale window. When the torque is reached a clear clicking sound can be heard. The torque limiting mechanism takes effect when tightening as well as loosening the screw. The 2-component handle has a replacement blade holder with a locking system as well as completely insulated replacement blades with a bronzed blade tip. Screwdriver handle and replacement blades are insulated up to 1000 V AC according to IEC 60900 and GS (Equipment Safety Act) approved. Tightening torque 1 – 5 Nm, adjustment step 0.02 Nm, 205 mm









Scope of delivery 1 each of:

- Replacement blade for slot-head screws  
3.0 x 0.4 x 100 mm      4.0 x 0.8 x 100 mm  
5.5 x 1.0 x 100 mm      6.5 x 1.2 x 100 mm
- Replacement blade for cross slot-head screws  
PH 1 – PH 2 x 100 mm      PZ 1 – PZ 2 x 100 mm
- VDE screwdriver handle      • Nylon pouch

**Set, 9-piece      11 4806**

## REPLACEMENT BLADES FOR 11 4806

• Slot-head screws			Item no.	
3.0 x 100	11 4870		5.5 x 100	11 4874
4.0 x 100	11 4872		6.5 x 100	11 4876
• Phillips cross-head screws*			• Pozidriv cross-head screws*	
PH 1 x 100	11 4878		PZ 1 x 100	11 4882
PH 2 x 100	11 4880		PZ 2 x 100	11 4884
• Combination profile*			• TORX®**	
PZ FL 1 x 100	11 4883		T 10 x 100	11 4886
PZ FL 2 x 100	11 4885		T 25 x 100	11 4888

\* Replacement blades insulated, other blades on request

## VDE SCREWDRIVER REPLACEMENT BLADES SET, 8 PIECE

Screwdriver handle in two-component design with replacement blade holder, replacement blades completely insulated with bronzed blade tip, with plug-on rotating cap for electronics work. Screwdriver handle and replacement blades are insulated up to 1000 V AC according to IEC 60900 and GS (Equipment Safety Act) approved.



Scope of delivery 1 each of:

- Replacement blade for slot-head screws  
2.5 x 0.4 x 100 mm      4.0 x 0.8 x 100 mm  
3.5 x 0.6 x 100 mm      5.5 x 1.0 x 100 mm
- Replacement blade for cross slot-head screws  
PH 1 – PH 2 x 100 mm
- VDE screwdriver handle      • Nylon pouch




**Set, 8-piece      11 7860**

## VDE SCREWDRIVER REPLACEMENT BLADES SET, 18 PIECE

Screwdriver handle in two-component design with replacement blade holder, replacement blades completely insulated with bronzed blade tip, with plug-on rotating cap for electronics work, voltage tester 110 – 250 V, in practical nylon pouch with hanging tab and belt strap. Screwdriver handle and replacement blades are insulated up to 1000 V AC according to IEC 60900 and GS (Equipment Safety Act) approved.




Scope of delivery 1 each of:

- Replacement blade for slot-head screws  
2.5 x 0.4 x 100 mm      4.0 x 0.8 x 100 mm  
3.5 x 0.6 x 100 mm      5.5 x 1.0 x 100 mm
- Replacement blade for cross slot-head screws  
PH 1 – PH 2 x 100 mm      PZ 1 – PZ 2 x 100 mm
- Replacement blade for TORX® screws  
T10 – T15 – T20 x 100 mm
- Replacement blade with triangular socket 8 x 100 mm 
- Rotating cap for replacement blades
- VDE screwdriver handle
- Replacement blade with square socket 6 – 8 x 100 mm 
- Replacement blade with two-way key bit 5 x 100 mm 
- Voltage tester 110 - 250 V
- Nylon pouch with hanging tab and belt strap

**Set, 18-piece      11 7862**

## REPLACEMENT BLADES INSULATED FOR 11 7860 AND 11 7862

### Replacement blades for slot-head screws

Design	Item no.
 2.5 x 100	11 7864
3.5 x 100	11 7866
4.0 x 100	11 7868
5.5 x 100	11 7870

### Replacement blades for Phillips cross-head screws

Design	Item no.
 PH 1 x 100	11 7872
PH 2 x 100	11 7874





### Replacement blades for Pozidriv cross-head screws

Design	Item no.
 PZ 1 x 100	11 7873
PZ 2 x 100	11 7875

### Replacement blades for TORX®

Design	Item no.
 T 10 x 100	11 7876
T 15 x 100	11 7878
T 20 x 100	11 7880

### Replacement blade for

Design	Item no.
 Square socket 6 x 100 mm	11 7882
 Square socket 8 x 100 mm	11 7884
 Triangular socket 8 x 100 mm	11 7886
 Two-way key bit 5 x 100 mm	11 7888

# 1000 V INSULATED SCREWING TOOLS 1000V



1000 V REVERSIBLE RATCHET		1000 V TORQUE WRENCH		1000 V EXTENSION		1000 V T-HANDLE	
according to DIN 7449		fully insulated according to DIN EN 60900, VDE 0680/2, with integrated reversible ratchet, adjustable from 5 - 50 Nm, with square socket		according to DIN 7434		according to DIN 7436	
Design	Item no.	Design	Item no.	Design	Item no.	Design	Item no.
1/2", size: 250 mm	11 2628	1/2", size: 370 mm	11 2582	1/2", size: 125 mm	11 2640	1/2", size: 200 mm	11 2650
3/8", size: 190 mm	11 2570	3/8", size: 370 mm	11 2581	3/8", size: 125 mm	11 2575	3/8", size: 200 mm	11 2580
				3/8", size: 250 mm	11 2576		



1000 V SOCKETS			1000 V SCREWDRIVER BIT SOCKETS		
according to DIN 7448, size 1/2": 50 mm, size 3/8": 28 mm			for hex socket (Allen) screws, size 1/2": 70 mm, size 3/8": 65 mm		
Design	Item no.	Item no.	Design	Item no.	Item no.
	1/2"	3/8"		1/2"	3/8"
Size 8	/	11 2580	Size 4	11 2670	11 2560
Size 10	11 2600	11 2522	Size 5	11 2671	11 2561
Size 11	11 2602	11 2523	Size 6	11 2672	11 2562
Size 12	11 2604	/	Size 8	11 2673	11 2563
Size 13	11 2606	11 2525	Size 10	11 2674	11 2564
Size 14	11 2608	11 2526			
Size 15	11 2609	11 2527			
Size 16	11 2611	11 2528			
Size 17	11 2610	11 2529			
Size 18	11 2613	11 2530			
Size 19	11 2612	11 2531			
Size 20	11 2615	/			
Size 21	11 2617	/			
Size 22	11 2614	/			
Size 24	11 2616	/			
Size 27	11 2617	/			
Size 32	11 2622	/			



1000 V ANGLED SCREWDRIVER		1000 V T-HANDLE SCREWDRIVER			1000 V T-NUT DRIVER		
according to DIN 7439, made of chrome vanadium steel, for hex socket screws (Allen)		made of chrome vanadium steel, for hex socket screws (Allen)			according to DIN 7440, made of molybdenum vanadium steel, for hex nuts, shaft 200 mm, handle 160 mm		
Design	Item no.	Design	Size	Item no.	Design	Item no.	
Size 5	11 0804	Size 5	160 mm	11 0812	Size 13	shaft 200 mm, handle 160 mm 11 0836	
Size 6	11 0806	Size 6	160 mm	11 0814	Size 17	shaft 200 mm, handle 160 mm 11 0840	
Size 8	11 0808	Size 8	160 mm	11 0816	Size 19	shaft 200 mm, handle 160 mm 11 0842	
		Size 10	160 mm	11 0817	Size 13	shaft 300 mm, handle 160 mm 11 0856	
					Size 17	shaft 300 mm, handle 160 mm 11 0860	
					Size 19	shaft 300 mm, handle 160 mm 11 0862	



**1000 V OPEN-ENDED SPANNER**

according to DIN 7446, made of chrome vanadium steel, 15° offset

Design	Size mm	Item no.
Size 8	105	11 2704
Size 9	105	11 2706
Size 10	105	11 2708
Size 11	115	11 2710
Size 12	125	11 2712
Size 13	132	11 2714
Size 14	140	11 2716
Size 15	150	11 2718
Size 16	160	11 2719
Size 17	160	11 2720
Size 18	165	11 2721
Size 19	170	11 2722
Size 22	195	11 2724
Size 24	220	11 2726
Size 27	230	11 2728
Size 30	240	11 2730
Size 32	240	11 2732

**1000 V RING SPANNER**

according to DIN 7447, made of chrome vanadium steel, deep offset

Design	Size mm	Item no.
Size 8	155	11 2754
Size 10	165	11 2758
Size 11	175	11 2760
Size 12	185	11 2762
Size 13	190	11 2764
Size 14	200	11 2766
Size 15	210	11 2768
Size 16	210	11 2769
Size 17	210	11 2770
Size 18	220	11 2771
Size 19	230	11 2772
Size 22	250	11 2774
Size 24	270	11 2776
Size 27	300	11 2778
Size 30	300	11 2780

**1000 V RATCHET RING SPANNER**

according to DIN 3110 / ISO 3318 (torque) made of chrome vanadium steel. Ratchet mechanism with fine gearing (72 teeth) and a reset angle of 5° (shank angle). Change from clockwise to counterclockwise rotation by simply turning over the spanner.

Wrench size across flats	Weight	Item no.
10 mm	Weight 56 g	11 2740
13 mm	Weight 80 g	11 2742
14 mm	Weight 56 g	11 2744
17 mm	Weight 80 g	11 2746
19 mm	Weight 56 g	11 2748

**1000 V HOUSE CONNECTION SET, 21 PIECES**

in a transport and storage case made of impact-resistant plastic, consisting of dip-insulated tools, 255 x 210 x 45 mm

Bit socket for:	
1 x torque wrench 1/4"	5-25 Nm
1 x extension 1/4"	75 mm
1 x extension 1/4"	100 mm
1 x extension 1/4"	150 mm
1 x Socket wrench insert 1/4"	6 mm
1 x Socket wrench insert 1/4"	8 mm
1 x Socket wrench insert 1/4"	10 mm
1 x Socket wrench insert 1/4"	13 mm
1 x Socket wrench insert 1/4"	14 mm
2 x bit holder 1/4"	

CIMCO-item no. 17 0362



**1000 V, 20-PIECE TOOLSET**

In a high-quality **raaco booster**-set box with fitted hard foam inserts for secure, well-ordered storage of tools:

- Reversible ratchet 1/2", according to DIN 7449, 250 mm
- Extension 1/2", according to DIN 7434, 125 mm
- Socket wrench insert with 1/2" square socket, according to DIN 7448, size 10, 11, 12, 13, 14, 15, 17, 19
- T nut driver, according to DIN 7440, for hex nuts, shaft 300 mm, handle 160 mm, size 13
- Angled screwdriver, according to DIN 7439, for screws with hexagon socket, size 5, 6, 8
- VDE electrician screwdriver 3.0 x 0.5 x 100 mm, 4.0 x 0.8 x 100 mm
- VDE Phillips cross-head screwdriver PH 1 x 80 mm, PH 2 x 100 mm
- VDE Pozidriv cross-head screwdriver PZ 1 x 80 mm, PZ 2 x 100 mm

CIMCO-item no. 11 5288



**SET CASE + TOOLSET, 19-PIECE**

- Traaco, booster 80, incl. 3 x labelling clips (yellow, green, grey)
- 1000 V nut driver sets: size 10 - size 11 - size 12 - size 13 - size 14 - size 15 - size 17 - size 19
- 1000 V screwdriver bit sockets: size 5 - size 6 - size 8
- 1000 V open-ended spanner: size 8 - size 13 - size 17 - size 19
- 1000 V reversible ratchet, 250 mm
- 1000 V extensions, 125 mm + 250 mm

CIMCO-item no. 11 6844



**ADDITIONAL SAFETY TOOLS**



**1000 V CLIP  
MADE OF PLASTIC**

For attaching cover cloths

CIMCO-item no.  
14 0179 80 mm  
14 0180 160 mm



**1000 V SLIP-ON SNOOTS**

Tapered, to protect bare, energised parts, numbered: no. 1 - 2 - 3

CIMCO-item no.  
14 0166 no. 1  
14 0168 no. 2  
14 0170 no. 3



**1000 V SLIP-ON SNOOTS**

Self clamping, with sleeve, not numbered

CIMCO-item no.  
14 0172 75 mm  
14 0174 100 mm  
14 0176 120 mm



**1000 V INSULATING  
PROTECTIVE CAP**

Made of soft PVC, wing length 80 mm, with two wings

CIMCO-item no.  
14 0185



**SPREADING WEDGE**

Made of plastic, without a groove

CIMCO-item no.  
14 0198



**1000 V CLEANING BRUSH**

Made completely of plastic

CIMCO-item no.  
14 0260 L 420 x W 25  
14 0261 L 420 x W 35



**1000 V NH SAFETY HANDLE**

According to VDE 0680/4, with anti-slip protection and protective guard of smooth, impregnated leather. For NH fuses size 00-3

CIMCO-item no.  
14 0210



**SET AND CONTACT  
SCREWDRIVER**

Combination, insert the other way around to use for set screws for fuses 2 - 63 A, haft made of insulation material

CIMCO-item no.  
14 0102



**CUTOUT SWITCH LOCK**

Secure locking device which can be used, for example, for fuses. After the fuse has been switched off, the clip block can be attached using an insulated electrician screwdriver (blade max. 4 mm); then the locking device is secured with a padlock or a multi-locking clamp to prevent it being switched back on. PU: 5 pieces

CIMCO-item no.  
18 2600



**PADLOCK  
FOR LOCKING DEVICE**

With 4 mm brass shackle. Base body made of plastic with two-sided locking disc, with a "Do not switch on" prohibition sign (according to VBG 125) and label field. Supplied with two keys. Weight 192 g

CIMCO-item no.  
18 2610 / 50 x 6 mm  
18 2612 / 50 x 4 mm



**MULTI-LOCKING  
CLAMP FOR LOCKING DEVICE**

For use with multiple locking devices, with "Do not switch on" prohibition sign (according to VBG 125) and labelling field. Scope of delivery: housing with 2 m protection band.

CIMCO-item no.  
18 2616