

## 62010

## Universal cutter with snap-off blade

**STANLEY****Design**

- Stainless steel blade guide for easy working and high stability and durability
- Two-component handle to ensure safe working without slipping
- The mounting wheel acts directly on the blade and prevents slipping during working
- Automatic blade change by magazine

- Space for up to 6 blades in the handle
- With integrated blade snapper
- **Fitted with 6 blades**

**Note:**

For spare blades, see art. no. 62020 + 62021.

62010



Blade width  
mm

62010

...

18

101

## 62015 - 62016

## Universal cutter with snap-off blade

**OLFA****Design**

- With snap-off, retractable blade
- Precision metal blade guide
- Fitted with 1 blade

**Note:**

For spare blades, see art. no. 62020 + 62021.

62015 101

**Design**

- With push-button mechanism

62016 101

**Design**

- With locking wheel
- **2 spare blades included**

62015



62016



Blade width  
mm

62015

...

62016

...

9

101

18

101

## 62017

## Universal cutter with snap-off blade

**ATORN®****Design**

- All-metal cutter with snap-off, retractable blade
- Fitted with 1 blade

**Note:**

For spare blades, see art. no. 62020 + 62021.

62017 101

**Design**

- With pushbutton mechanism and auto-lock mechanism

62017 102

**Design**

- With locking wheel

62017 103

**Design**

- With pushbutton mechanism and auto-lock mechanism
- With removable end cap to aid snapping off

62017 101



62017 102



62017 103



Blade width  
mm

62017

...

9

101

18

102

18

103

NEW

## 62020 - 62021

## Universal cutter with snap-off blade

**Design**

- With snap-off, retractable blade
- Precision metal blade guide
- High-quality design
- **Fitted with 1 blade**
- **2 spare blades included**

**Note:**

For spare blades, see art. no. 62020 + 62021.

62020 101 + 62021 101

**Design**

- With push button mechanism, automatic locking

62021 201

**Design**

- With locking wheel

62020 101



62021 101



62021 201



Blade width  
mm

62020

...

62021

...

9

101

18

101

18

201

## Info

Replacement blades for universal cutter can be found on page 62.2



## 62020 - 62021

## Spare blades

### 62020 102 + 62021 102+202

- Universal snap-off blade, made of special steel, highly versatile



### 62020 103 + 62021 103+203

- Universal snap-off blade, made of special steel, with TiN coating for a long life



### 62020 103 + 62021 103+203

- Universal snap-off blade, made of special steel, with optimised grinding for a particularly sharp cutting edge



### 62020 202-204

- 50 blades in safety dispenser with individual removal

Design	Pack = pieces	Blade width 9 mm		Blade width 18 mm	
		62020	...	62021	...
Universal	10		102		102
TiN-coated	10		103 NEW		103
Black	10		104 NEW		104 NEW
Universal	50				202 NEW
TiN-coated	50				203 NEW
Black	50				204 NEW

## 62019

## Universal knife with 25-mm snap-off blade

### Design

- Extra heavy-duty design
- Cutter for 25-mm snap-off blades
- Metal guide
- Adjusting wheel
- Blade held in place

- With non-slip rubber grip
- With automatic blade tracking
- Additional safety as snap-off blade can be held in place
- Blade compartment integrated into the handle (equipped with 5 spare blades)



	62019	...
Professional snap-off cutter	101	
Replacement blades, 10 pieces	201	



62019 201

## 62026

## Paper and film cutter

### martor

#### 62026 100 SECUMAX POLYCUT

### Design

- Disposable safety knife with concealed blade for maximum safety.
- Extra long and pointed tip enables particularly good access to cavities. The cutting material is also guided reliably towards the blade

#### 62026 102 SECUMAX CARDY Design

- Disposable safety knife with concealed blade for maximum safety.
- Its small compact form makes handling easier, such as for curved cuts
- With a wall thickness of only 2.5 mm, it is also particularly narrow. This allows the safety knife to cut through particularly narrow gaps, especially when cutting film.

#### 62026 103 SECUMAX CARDYCUT Design

- Disposable safety knife with concealed blade for maximum safety.
- Quality, rust-free blade with TiN coating
- Made of completely clear plastic for visual monitoring when cutting film and paper
- Small, compact design, ideal for curved cuts and particularly narrow gaps
- Frequently used, e.g. in the automotive industry due to its mastery of thin films

62026 100



62026 102



62026 103



	62026	...
SECUMAX POLYCUT	100	NEW
SECUMAX CARDY	102	
SECUMAX CARDYCUT	103	NEW

**martor****62025 101**  
**SECUMAX EASYSAFE****Design**

- Concealed blade for maximum occupational safety and maximum product protection
- Additional hold-down clamp for a smooth cut even through single layers of thin film and paper
- Specially designed tip makes it easier to puncture material, so it is ideal for opening bags and film-sealed pallets
- Integrated metal plate for slicing open packing tape
- Blade can be changed without tools

**Scope of delivery:**

- With fitted blade, blade thickness 0.30mm

**Applications**

Perfect for films, bags, plastic strapping, etc.

**Note:**

For use in sensitive production areas, such as in the food industry, access to the blade can be prevented using a key. This prevents the blade from being changed by unauthorised persons.

**62025 102****Spare blades****Design**

- 4-way blade
- 2-sided grinding
- Thickness approx. 0.30 mm
- Length approx. 39 mm
- Width approx. 18.4 mm

**Applications**

For SECUMAX EASYSAFE safety knife  
art. no. 62025 101.

**62025 103****Safety key****Applications**

For SECUMAX EASYSAFE safety knife  
art. no. 62025 101.

**62025 106****SECUMAX 350****Design**

- Concealed blade for maximum occupational safety and maximum product protection
- Innovative 2-in1 blade head with two cutting edges and dual tape slicers
- Contactless blade change, as the blade is coated in plastic
- Fibreglass-reinforced plastic handle (incl. soft grip for optimum hold)

**Scope of delivery:**

- With installed blade head, blade thickness 0.30 mm
- Spare blade head in handle

**Applications**

All-round cutter for cardboard boxes up to 2-ply, film, plastic strapping, adhesive tape, etc.

**62025 107****Spare blades****Design**

- 2-way blade
- Thickness approx. 0.30 mm
- Length approx. 38.9 mm
- Width approx. 25.8 mm

**Applications**

For SECUMAX 350 safety knife  
art. no. 62025 106.

**62025 108****SECUMAX 320****Design**

- Concealed blade for maximum occupational safety and maximum product protection
- Simplified and extra-safe blade change without tools
- New, high-quality 4-way blade
- Fibreglass-reinforced plastic handle for right- and left-handed users
- Reversible adhesive tape slicer with two cutting depths (5.0 mm/3.5 mm)
- New design and significantly improved ergonomics incl. soft grip

**Scope of delivery:**

- With fitted blade, blade thickness 0.40 mm

**Applications**

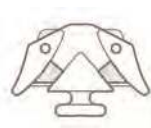
Specialist for films, plastic strapping, adhesive tapes, etc.

**62025 109****Spare blades****Design**

- 4-way blade
- Wide, double-sided grinding
- Thickness approx. 0.40 mm
- Length approx. 26 mm
- Width approx. 18.5 mm

**Applications**

For SECUMAX 320 safety knife  
art. no. 62025 108.

**62025 102****62025 107****62025 109**

	Pieces	62025	...
Safety knife SECUMAX EASYSAFE	1	101	
Replacement blades for SECUMAX EASYSAFE	10	102	
Safety key for SECUMAX EASYSAFE	5	103	
Safety knife SECUMAX 350	1	106	NEW
Replacement blades for SECUMAX 350	10	107	NEW
Safety knife SECUMAX 320	1	108	NEW
Replacement blades for SECUMAX 320	10	109	NEW

**martor****62028 201**  
**SECUMAX 150****Design**

- With concealed blade
- Ergonomically shaped and very light at 24 g

**Applications**

For cutting, scraping and scoring.

**62028 202****SECUMAX 145****Design**

- With concealed blade
- Slim design
- The fibreglass-reinforced plastic handle and 0.5 mm thick blade make it remarkably rugged
- Extremely light at only 12 g

**Applications**

Suitable for cutting single-ply cardboard, film and adhesive tape.



	62028	...
Disposable safety knife SECUMAX 150	201	
Disposable safety knife SECUMAX 145	202	

## Safety knife

62032

### Safety double lock knife

**martor**

**SECUPRO 625**

#### Design

- Ergonomic double-lock knife for high cutting frequencies and the most demanding requirements
- Aluminium handle with soft grip
- A smooth lever to trigger the blade.
- Easy blade change with blade change button
- Extra large depth of cut
- Fully automatic blade retraction for a very high level of safety
- With lock for extra protection

#### Scope of delivery:

- With fitted blade, trapezoidal shape, wide grind, rounded tips, thickness approx. 0.63 mm

#### Applications

All-round knife for cardboard boxes up to 3-ply, plastic strapping, material on rolls, rubber, PVC, carpeting, etc.



62032 101



	Pieces	62032	...
Safety double lock knife SECUPRO 625	1	101	
Replacement blades for SECUPRO 625	10	102	

62032 102

#### Spare blades

- Trapezoidal shape
- 2-way blade
- Thickness approx. 0.63 mm



62034

### Safety double lock knife

**martor**

#### Design

- Fully automatic blade retraction for a very high level of safety
- Ergonomic pliers handle for high cutting frequencies and fatigue-free, user-friendly work
- With lock for extra protection
- Low cutting depth of 11 mm to minimise the risk of damaging contents while opening boxes
- Easy blade change with blade change button
- Suitable for right-handed and left-handed people

#### Applications

All-round knife for all normal cutting work, such as cardboard boxes up to 2-ply, plastic strapping, adhesive tape, bags, film, material on rolls, etc.

62034 101

#### SECUPRO MARTEGO

- Made of aluminium and incl. soft grip for comfortable, non-slip handling

62034 102

#### SECUPRO MERAK

- Small, handy safety knife for precision cutting
- Made of high-quality plastic



62034 101



62034 102



	Pieces	62034	...
Safety double lock knife SECUPRO MARTEGO	1	101	
Safety double lock knife SECUPRO MERAK	1	102	
Replacement blades for safety double lock knife SECUPRO	10	103	

62034 103

#### Spare blades

- 4-way blade
- 2-sided grinding
- Thickness approx. 0.40 mm

62034 103



62036

### Safety knife

**martor**

62036 101

#### SECUPRO MEGASAFE

#### Design

- Ergonomic aluminium handle for high cutting frequencies and the most demanding requirements
- Suitable for right-handed and left-handed people
- Fully automatic blade retraction for a very high level of safety
- Particularly suited to cutting tasks where protective gloves need to be worn
- Cutting depth of up to 20 mm

62036 102

#### SECUPRO MAXISAFE

#### Design

- Safety knife with 3-sided slider and fully automatic blade retraction for a very high level of safety
- Blade extension area reinforced with metal abrasion protection
- Suitable for right-handed and left-handed people
- Simple to change blades without the need for tools

#### Scope of delivery:

- Fitted with trapezoidal blades, approx. 0.63 mm thickness

#### Applications

All-round knife for cardboard boxes up to 3-ply, plastic strapping, film, material on rolls, textiles, etc.



62036 101



62036 102



	Pieces	62036	...
Safety knife SECUPRO MEGASAFE	1	101	
Safety knife SECUPRO MAXISAFE	1	102	
Replacement blades for SECUPRO MEGASAFE/MAXISAFE	10	104	

62036 104

#### Spare blades

- Trapezoidal shape with wide grind
- Thickness approx. 0.63 mm

62036 104



62027

## Safety box cutter

**martor****SECUNORM 175****Design**

- Automatic blade retraction for a high level of safety
- Ergonomic handle: The grip is shaped to fit the hand and has a comfortable, rounded end
- Suitable for right and left-handed people as the slider can be operated from either side

- Blade change button for easy blade replacement
- Practical mounting eyelet

**Scope of delivery:**

- With fitted blade, thickness approx. 0.30 mm.

**Applications**

All-round knife for all cutting work in commercial areas, in the warehouse, etc.



62027 201



	Pieces	62027	...
Safety box cutter SECUNORM 175	1	201	
Replacement blades for SECUNORM 175	10	102	

62027 102

**Spare blades**

- 4-way blade
- 2-sided grinding
- Thickness approx. 0.30 mm

62027 102



62038

## Safety knife

**martor****SECUNORM 380****Design**

- Ergonomic handle with soft grip
- Maximum cutting depth 73 mm
- Easy blade change with blade change button
- Particularly rugged, strong and abrasion-resistant due to metal rail in core
- Suitable for right-handed and left-handed people

- Automatic blade retraction for a high level of safety
- Lock for extra protection

**Scope of delivery:**

- With fitted blade, thickness approx. 0.50 mm.

**Applications**

All-round knife for cardboard boxes up to 4-ply, bags, paper webs and rolls, construction foam, other foam, polystyrene, etc.



62038 101



	Pieces	62038	...
Safety knife SECUNORM 380	1	101	
Replacement blades for SECUNORM 380	10	102	

62038 102

**Spare blades**

- 2-sided grinding
- Thickness approx. 0.50 mm

62038 102



62035

## Safety knife

**martor**

62035 202

**SECUNORM PROFI LIGHT****Design**

- Handle made from abrasion-proof plastic
- Automatic blade retraction for a high level of safety
- Safe blade change without the need for tools
- Suitable for right-handed and left-handed people

**Scope of delivery:**

- Fitted with trapezoidal blades, approx. 0.63 mm thickness

**Applications**

All-round knife for cardboard boxes up to 2-ply, plastic strapping, bags, film, material on rolls, textiles, etc.

62035 100

**SECUNORM 500****Design**

- Aluminium handle
- Automatic blade retraction for a high level of safety
- Slider on both sides for right and left-handed users
- Simplified and extra-safe blade change without tools
- Cutting depth 17 mm
- New design with optimised ergonomics and soft grip
- Modern successor to the MARTOR classic SECUNORM PROFI

**Scope of delivery:**

- Fitted with trapezoidal blades, approx. 0.63 mm thickness

**Applications**

All-round knife for cardboard boxes up to 3-ply, plastic strapping, bags, winding film, stretch and shrink-wrap, adhesive tape, film and paper webs.



62035 202



62035 100

	Pieces	62035	...
Safety knife SECUNORM PROFI LIGHT	1	202	
Safety knife SECUNORM 500	1	100	NEW
Replacement blades, trapezoidal	10	204	
Replacement blades, trapezoidal with wide grind	10	105	
Replacement blades, hook shape	10	206	



62035 204+105

62035 206



62037

## Safety knife

**martor****SECUNORM PROFI40****Design**

- Aluminium handle
- Flexible blade with extra-long blade extension of 40 mm
- Extremely low risk of breakage
- Automatic blade retraction for a high level of safety
- Blade change without tools
- Suitable for right-handed and left-handed people

**Scope of delivery:**

- With fitted blade, thickness approx. 0.50 mm.

**Applications**

Suitable for opening bags and for cutting tasks such as on paper webs in roller printing, for film, plastic strapping, foam, polystyrene, etc.



62037 101



	Pieces	62037	...
Safety knife SECUNORM PROFI40	1	101	
Replacement blades for safety knife SECUNORM PROFI40	10	102	

62037 102

**Spare blades**

- 2-sided grinding
- Thickness approx. 0.50 mm

62037 102





62018

## Folding utility knife

**ATORN®**

## Design

- Aluminium handle, ergonomically shaped
- Reliable locking of blade when folded out
- Thumb pads for optimal, very precise cutting pressure
- Quick-action lever for fast change of blades without tools

- Blade compartment integrated into the handle (equipped with 5 spare blades)
- All standard trapezoidal blades fit
- With belt clip

## Note:

For spare blades, see art. no. 62029 104.

62018



Total length mm	Blade length mm	62018	...
160	28		101

62022

## Folding utility knife

**STANLEY**

## Design

- Retractable blade
- Chrome-plated metal housing

- Safety locking mechanism
- Complete with two blades
- Straight blade

62022 101



	Pack = pieces	62022	...
Knife	-		101
Replacement blades, straight cutting edge	3		202
Replacement blades, straight cutting edge	50		203
Scalpel blades (TiN), straight cutting edge	50		207

62022 202-203

62022 207



62033

## Quick-change universal knife with retractable blade

**STANLEY**

## Design

- With die-cast zinc body for high strength and durability
- Two-component handle for safe working without slipping

- Simple push-button loading system for increased safety, no additional tools are required
- Space for up to 8 blades in the handle
- Supplied with 3 spare blades

62033



	62033	...
		101

62029

## Universal knife with retractable blade

62029 101

## Universal knife, standard

- Ergonomically shaped die-cast zinc knife handle stove-enamelled
- High-quality special steel knife blades, razor-sharp
- Includes 5 trapezoidal blades in handle

62029 103

## Universal knife with holster

- Particularly robust, ergonomically shaped knife with retractable blade
- Rapid blade change without screw: Simply pull out the handle end and rotate 90°
- With magazine for spare blades or bits
- Incl. holster and 1 blade (trapezoidal shape, straight)
- Bit holder integrated into the handle

62029 101



62029 102

62029 102

## Universal safety knife

- On this safety knife the blade retracts automatically as soon pressure is removed from the cutting edge. Low risk of injury
- Die-cast aluminium knife handle, stove-enamelled



62029 103

62029 104



	62029	...
Universal knife standard		101
Universal safety knife		102
Universal knife with holster		103
Replacement blades, trapezoidal, 5 pieces		104



62040

## Combination knife

**STANLEY**

## Design

## - Multi-functional knife with two blades:

Serrated stainless steel blade, length 75 mm and trapezoidal blade

## - Ergonomic handle:

The stainless steel blade is easy to open with one hand

## - Safety lock on stainless steel blade:

unintentional opening is prevented

## - Retractable trapezoidal blade:

Blade slider can be operated comfortably with the thumb

## - Zinc blade slider for strength and durability

## - Fast blade change without tools

## - Interlock™ mechanism prevents both blades from being open at the same time



62040

Length mm	62040	...
120		101

62041

## Collection box for used blades

**martor**

62041 101

## Collection box

- The collection box allows you to minimise the risk of injury when disposing of used blades

- Once the box is completely filled, twist the lid until it stops, i.e. until a red pin engages automatically

- Then the box can no longer be opened

- The collection box is then disposed of complete with used blades

62041 102

## Wall bracket

For mounting the collection box to pipes, poles or walls.

## Note:

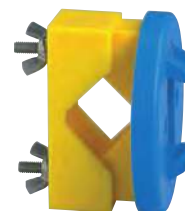
When attaching to walls, only attach the blue plate.

	Dimensions H x W x D mm	62041	...
Collecting box	210 x 100 x 100		101
Wall bracket	-		102



62041 101

62041 102



Special tools / PPE

62056

## Pocket knife Olivio

## Design

- Stainless steel blade, can be locked

- Genuine olive wood handle

- High-quality brass inlay for the blade guide

- Eyelet for cord/chain



62056

Blade length mm	62056	...
90		101

62094

## Working knife (kitchen knife)

**ATORN®**

## Design

Rustproof blade. Plastic handle, shaped to the hand.

Blade length mm	62094	...
80		101
150		102



62094 101



62094 102

62091

## Professional knife

**BAHCO**

62091 102

## Design

- Sport knife with 75 mm blade

- Safety lock: Blade locks when fully folded out

- Partially serrated blade

62091 101

## Design

- High-quality steel, strong and sharp blade, non-slip

- Safe transport in belt holster

## Applications

Cleanly and reliably cuts wood, plastics and similar.



62091 102



62091 101

Blade length mm	62091	...
75		102
102		101

62044

## Multi-tool



## Design

- Stainless steel housing
- Incl. belt pouch

## Contents

- 1 combination pliers
- 1 Flat nose pliers
- 1 Wire cutter
- 3 Slotted screwdriver  
3.0 x 0.8/4.0 x 1.0/5.0 x 1.0 mm
- 1 Phillips screwdriver PH 1
- 1 Single cut file
- 1 Cross cut file
- 1 Bottle opener
- 1 Can opener
- 1 Saw
- 1 Knife
- 1 Serrated knife



62044

62044

...

14 pieces

101

62045

## Leatherman® combination tools



## Design

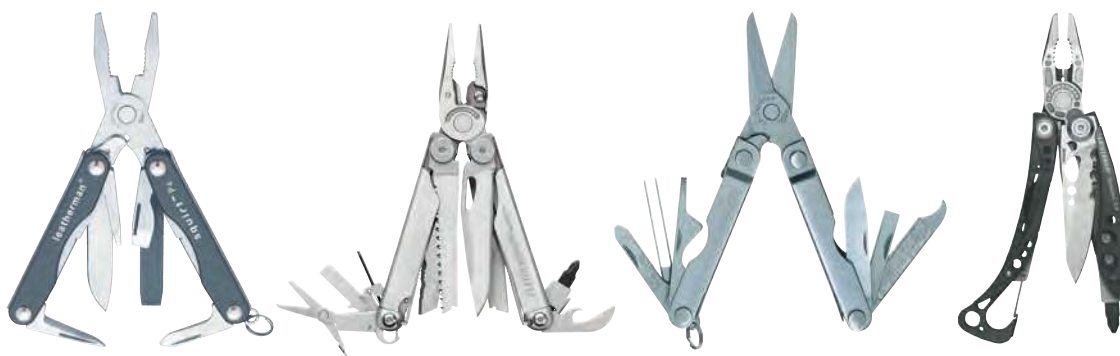
- All Leatherman® tools are made in the United States from stainless steel.
- Each tool is specially hardened for its function.

62045 301

62045 302

62045 306

62045 307



art. no. Model	62045 301 Squirt P4 10 pieces	62045 302 Wave 19 pieces In leather case	62045 306 Micra 10 pieces	62045 307 Skeletool CX 8 pieces in nylon holster
Wire stripping blade		x		
Awl	x			
Mounting eyelet		x		
Bit holder		2 pieces		x
Bits (double-sided)		2 pieces		2 pieces
Can opener		x		
Wire cutter	x	x		x
File (diamond-coated)		x		
File (wood, metal)	x	x		
Hard wire cutter		x		x
Bottle opener	x	x	x	x
Snap hook				x
Combi knife (smooth/serrated cut)				x
Combination pliers	x			
Phillips screwdriver	x		x	
Ruler		x	x	
Knife	x	x	x	
Nail file/cleaner			x	
Tweezers			x	
Saw		x		
Scissors		x	x	
Slotted screwdriver	x	x	x	
Keyring eyelet	x		x	
Pointed pliers		x		x
Watchmaker's screwdriver	x		x	
Serrated knife		x		

62045

...

Squirt P4 10 parts

301

Wave 19 parts

302

Micra 10 parts

306

Skeletool 8 parts

307



## 62055

## Pocket knife



Original Swiss Made.

## 62055 101

## Manager

10 parts, colour: blue-sapphire, with pen and torch function (red).

Small blade, screwdriver (3 mm), bottle opener, wire bender, ring, Phillips screwdriver, scissors, nail file, LED light.

## 62055 102

## Nomad

11 parts, colour: black. Large blade, latching (fixed), can opener with screwdriver (3 mm), bottle opener with screwdriver (5 mm), wire bender, steel reamer/needle, corkscrew, toothpick, tweezers, ring.

## 62055 103

## Cybertool

34 parts, colour: red, with the tools:

large blade, small blade, corkscrew, can opener with small screwdriver (also for Phillips screws), bottle opener with screwdriver and wire stripper, piercing and drilling awl, ring, tweezers, toothpick, needle and sewing awl, bit wrench with hexagon socket for D-SUB plug connector. Hexagon socket for bits, bit PZ 0, bit PZ 1, bit holder with 4 mm slotted screw bit, bit PH 2, 4 mm hex bit, TX 6 bit, TX 10 bit, TX 15 bit, ballpoint pen for adjusting DIP switches, needle (stainless), mini screwdriver, combination pliers with wire cutter, ferrule crimping tool, scissors, universal hook.

Type	62055	...
Manager 10 parts		101
Nomad 11 parts		102
Cybertool 34 parts		103



## 62095

## Cable knives



## 62095 103

## Lead or work knives

With wooden handle, fixed.

## 62095 104

## Gutta-percha knife

With wooden handle, fixed.

## 62095 105

1 blade with wire scraper, wooden handle, folding.

## 62095 106

One-piece knife with plastic shell, folding.

## 62095 107

With 1 blade and scribe, wooden handle, folding.

## 62095 108

With 2 blades (small blade with wire scraper), scribe and screwdriver, plastic handle, folding.

## 62095 109

## Industrial knives

One-piece knife with black, unbreakable plastic handles. Stainless, folding blade with double lock.

## 62095 110

## Serrated industrial knife

Design otherwise as 62095 109.

## 62095 111

With plastic handle, 1 blade, scribe and screwdriver, folding.

## 62095 113

## Electrician's safety knife

With plastic handle, 1 blade, folding, with locking device. Red handle, blade with 2 notches for stripping PVC cables.

62095 103



62095 104



62095 105



62095 106



62095 107



62095 108



62095 109



62095 110



62095 111



62095 113



62095	...
103	
104	
105	
106	

62095	...
107	
108	
109	
110	

62095	...
111	
113	

62090

Cable knife / stripping knife

Design

- Tough, elastic, impact-resistant plastic handle
- With blade guard

62090 102

Design

- Semi-circular ground cutting edge

62090 101

Design

- With strong, straight blade

Blade length mm	Total length mm	62090	...
35	165	102	
50	200	101	



62090 102



62090 101

62092

Cable knife with replaceable blade

Design

- Fully insulated impact-resistant plastic handle in accordance with VDE
- Folding blade guard, permanently integrated in the handle
- Solid, straight blade with protected back

Quality

Stainless steel.



	Blade length mm	Total length mm	62092	...
Cable knife	50	200	201	
Replacement blade	50	-	202	



62092 201



62092 202

62093

VDE cable sheath knife



Design

- Handle shape with comfortable slip guard for improved ergonomics
- More safety through soft, non-slip components
- Thumb recess and finger hook on the end of the handle for good power transmission when pulling the knife
- Transparent safety blade
- Insulating multi-component handle, VDE-tested

62093 101

Design

- Robust, fixed hooked blade, crescent-shaped
- With sliding shoe on the tip

Quality

Surgery steel, rust-free, air-hardened.

62093 102

Design

- Stable, fixed hooked blade, straight blade

Quality

Special tool steel, oil-hardened.

Blade length mm	Total length mm	62093	...
38	180	101	
50	185	102	



62093 101



62093 102

62098

Secura cable knife



Design

- Adjustable cutting depth
- Automatic blade adjustment for round and longitudinal cut

Applications

For stripping and sheath stripping all common round cables.

62098 101

Design

- Spare blade in the handle
- Designed for wet room cabling
- For cable Ø 4–16 mm

62098 102

Design

- Spare blade in the handle
- For cable Ø 8–28 mm

62098 103

Design

- With hooked blade
- Spare blade in the handle
- Designed for wet room cabling
- For cable Ø 8–28 mm

For cable Ø mm	62098	...
4 - 16	101	
8 - 28	102	
8 - 28	103	



62098 101-102



62098 103



## 62100

## Stripping knife

**ATORN®**

### Design

- Adjustable cutting depth
- Automatic blade adjustment for round and longitudinal cut
- Spare blade in the handle

### Applications

For stripping and sheath stripping all common round cables, particularly wet room cabling.

### 62100 101-102

#### Design

- Without pre-cutting blade

### 62100 103

#### Design

- With hooked blade and protective cap

#### Applications

Longitudinal and round cut.

### 62100 301

#### Spare blade

#### Applications

Suitable for stripping knife, art. no. 62100 101-103



62100 101-102

62100 103



62100 301



For cable-Ø mm	62100	...
4 - 16		101
8 - 28		102
8 - 28		103
Spare blade		301

## 62121

## Stripping knife

**Weidmüller**

### 62121 100+102

#### Stripping knife AM 25 / AM 35

#### Design

- Rotating blade for round, longitudinal and spiral cuts
- Mounting bracket with integrated blade for breaking open cut insulation
- Incl. spare knife

#### Note:

For spare knife, see art. no. 62121 103

### 62121 100

#### Stripping knife AM 25

#### Applications

For PVC round cable of 6-25 mm Ø.  
Adjustable cutting depth for insulation thickness up to 6 mm.

### 62121 102

#### Stripping knife A M 35

#### Applications

For PVC round cable of 25-36 mm Ø.  
Adjustable cutting depth for insulation thickness up to 4.5 mm.

### 62121 103

#### Spare blade

#### Design

- Contents: 1 piece

#### Applications

For stripping knives AM 25 (art. no. 62121 100) and AM 35 (art. no. 62121 102).

### 62121 104

#### Stripping knife AM 16

#### Design

- Stripping tool for PVC insulated cable
- Insulation can be stripped at any point
- Integrated blade for breaking open cut insulation
- Cutting depth can be adjusted from 0.8-2.5 mm

#### Applications

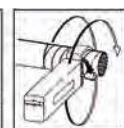
For PVC round cables of 6-17.3 mm Ø.  
Very well-suited to sheath stripping of cables in cable ducts.

**NEW**

62121 100+102



Cutting depth



Spiral cuts



Blade change

62121 103



62121 104



For cable Ø mm	62121	...	Spare blade	
			62121	...
6 - 25		100		103
25 - 36		102		103
6 - 17.3		104		



62117

Cable knife assortments



Design

- Cable knife system with automatic blade guard and replaceable bracket system for stripping all common round cables
- Blades made of special steel, hardened and tempered.

Modular system

Thanks to the intelligent replaceable bracket system, one tool is sufficient to strip the most common cable types, from Ø 4–70 mm

Design

The unique viewing window on the metal clip shows the cutting progress at a glance.  
Form-fitting design for comfortable handling.

Safety

Cut injuries are a thing of the past with the newly developed hooked blade protection mechanism.  
TÜV/GS tested.

62117 100

Scope of delivery:

- 1 cable knife
- 1 replacement bracket for the following working range:
- Ø 8–28 mm

62117 100



62117 101

Scope of delivery:

- 1 cable knife
- 1 replacement bracket each for the following working ranges:
- dia. 4–16 mm
- Ø 8–28 mm
- dia. 27–35 mm
- dia. 35–50 mm
- dia. 50–70 mm
- In case

62117 101



The bracket can be swapped without additional tools.  
This allows the working range to be adjusted effortlessly.



For cable Ø mm	Number of replacement brackets	62117	...
8 - 28	1	100	NEW
4 - 70	5	101	



**Design**

- Cutting depth can be adjusted from 0–5 mm
- Interchangeable blade can be used on both sides
- Handles made from fibreglass-reinforced plastic

**Applications**

For removing all insulation layers from cables **above 25 mm Ø**. Suitable for longitudinal and transverse cuts.

**62102 102****Spare blade**

Fitting the tool for longitudinal cutting



Longitudinal cuts



Turning the tool for circumferential cutting



Circumferential cuts

For cable-Ø mm	62102	...
> 25		101
Replacement blade		102

**62106 101****Design**

- Housing made of high-quality, wear-resistant polyamide
- Titanium-nitride-coated blades for a higher cutting speed, lower wear and longer service life
- No need to adjust the blades to the cutting depth
- Pocket clip for safe storage
- TÜV/GS tested

**Applications**

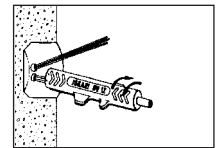
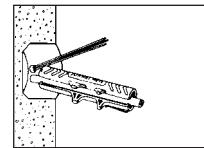
Ideal for applications in junction and distributor boxes. For stripping sheathing from all standard round cables. Stripping of various cable types, e.g. NYM 3 x 1.5 mm<sup>2</sup> to 5 x 2.5 mm<sup>2</sup>.

**62106 102****Design**

- Long, ergonomic stripping tool design
- Housing made of polyamide
- Four-blade arrangement reduces the effort required and increases precision
- Internal length scale
- Comfortable surface texture with good grip
- Ergonomic, non-slip, 2-component grip zone for a secure hold

**Applications**

For stripping various cable types, e.g. NYM 3 x 1.5 mm<sup>2</sup> to 5 x 2.5 mm<sup>2</sup>. The extra-long design of the JOKARI XL allows easy work, even in deeper appliance sockets.



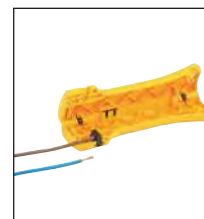
For cable Ø mm	Length mm	62106	...
8 - 13	124		101
8 - 13	176		102 NEW

**Design**

- Cable guide for easy longitudinal cuts
- Suitable for power and control cables, data cables (CAT 5-7), coax, flat cables, flexible conductors, installation cables
- Improved closure sealing with the option to use only one hand
- Ergonomic curved handle
- With reversible length stop for left-handed and right-handed users
- TÜV/GS tested

**Applications**

For stripping sheathing from all common round cables of 4–15 mm diameter (e.g. NYM 3 x 1.5 mm<sup>2</sup> to 5 x 2.5 mm<sup>2</sup>). For stripping sheathing from flat cables up to 15 mm in width. For stripping solid conductors of 1.5 and 2.5 mm<sup>2</sup>. For stripping flexible conductors of 1.5–50 mm<sup>2</sup>.



Length mm	62101	...
130		101



## Sheath and wire-stripping tools

62107

### Micro-stripping tools



»JOKARI«  
original

#### Design

- Lightweight and easy-to-handle micro-precision stripping tool for removing sheathing from conductors and wires
- Stripping range can be set in steps according to the table
- Polyamide housing (PA)
- Special hardened steel blade
- Incl. adjustable length stop
- With cutting device for wires up to Ø 1.0 mm
- Replaceable lever blade
- TÜV/GS tested

#### Applications

Particularly suitable for conductors with exterior insulation made of PVC, Mylar®, Kynar®, Tefzel® and others. For applications in electronics, computer and network technology, alarm and doorbell systems, wire wrapping, telecommunications and much more.



Application range Ø mm	Dimensions L x W x H mm	Weight g	62107	...
0.12 / 0.16 / 0.20 / 0.25 / 0.30 / 0.40	102 x 42 x 14	34.5	100	NEW
0.25 / 0.30 / 0.40 / 0.50 / 0.60 / 0.80	102 x 42 x 14	34.5	101	
0.30 / 0.40 / 0.50 / 0.60 / 0.80 / 1.00	102 x 42 x 14	34.5	102	NEW

62107 100



62107 101



62107 102



62108

### Super stripping tool



»JOKARI«  
original

#### Design

- Secure hold due to integrated non-slip grip zones
- Locking mechanism prevents uncontrolled opening of the tool
- Cable residue does not clog the blades
- No need to adjust the blades to the cutting depth
- Sheathing can be removed from longer cable runs using the longitudinal cutter
- Contoured blade for stripping wires 0.2 - 0.3 - 0.8 - 1.5 - 2.5 - 4.0 mm²
- Additional TiN-coated sliding blade
- Supplied in a pocket clip

#### Applications

Stripping tool for removing sheathing from all standard round cables of Ø 8–13 mm. Stripping of various cable types, e.g. NYM 3 x 1.5 mm to 5 x 2.5 mm². Ideal for applications in junction and distributor boxes.



62108

62108	...
101	



62109

### Sheath and wire-stripping tool



»JOKARI«  
original

62109 301

Secura Coaxi No. 1

#### Design

- Soft grip zones and scale area for comfortable operation
- The tool's two-stage stripping system removes the outer sheathing and the di-electric layer in stages (these two stages can be seen at a glance by the numbers 1 and 2 in contrasting colours)
- The stripping length can easily be determined by the internal, colour-coded scale
- This feature is particularly useful when working in a wall outlet box
- A reliable sealing system simplifies day-to-day use, even in demanding environments
- Soft, blue components for a secure hold when removing sheathing

62109 302

No. 1 Cat

#### Design

- It is not necessary to adjust the cutting depth to the respective diameter, as the special blade alignment perfectly removes the outer insulation, after which the film shielding can be scored and removed
- The stripping blades are TiN-coated

#### Applications

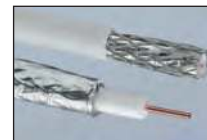
For PVC-insulated data cables (e.g. cat 5, cat 6 or cat 7 cables, twisted pair cable) with a diameter of 4.5–10 mm.

#### Applications

Suitable for all common coaxial cables of Ø 4.8 up to 7.5 mm, as well as RG 58U/RG 59U cables.

Application range Ø mm	Length mm	62109	...
4.8 - 7.5	100	301	
4.5 - 10.0	100	302	

62109 301



62109 302



62096

## Wire stripping tool CST

**Weidmüller**

62096 101

CST basic tool

## Design

- Incl. mounting aid
- Blade cassettes can be used from either side
- Replaceable blade cassette (**not** included in scope of delivery)

## Applications

For coaxial cable and round (shielded) data cables of Ø 2.5–8 mm 1-, 2- and 3-stage stripping in a single action.

62096 102

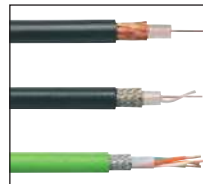
Blade cassette for CST basic tool

- Stripping dimensions = B 6.5 mm

62096 103

Blade cassette for CST basic tool

- Stripping dimensions = C 7.1 mm / B = 5.1 mm

**NEW**

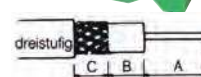
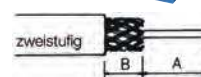
62096 101



62096 102



62096 103



Type	62096	...
CST basic tool		101
Blade cassette, blue		102
Blade cassette, green		103

62105

## Insertion tool

**RENNSTEIG**

## Design

- Plastic
- With integrated pull hook and release blade

## Applications

For UTP and STP cables, conductor diameter 0.4 to 0.8 mm. For insertion on strips, sockets and panels. Presses in and cuts the cable in one action. Lockable cutter enables cable to be pressed in without cutting.

Length mm	62105	...
175		101



62105

62110

## ErgoStrip® universal stripping tool (pat. pend.)

**KNIPPEX**

## Design

- Innovative, ergonomic pistol grip design for easy cutting, pulling and longitudinal cutting of the sheath
- Conically streamlined tool ends for better access in tight installation spaces
- Stripping device for cross sections 0.2/0.3/0.8/1.5/2.5/4 mm².
- Positioning bars simplify insertion of single conductors for stripping
- Convenient insertion of coaxial and data cables thanks to opening guide
- Multi-component design with soft plastic zone for convenient handling and secure hold
- Housing made from rigid fibreglass-reinforced plastic

## Applications

Fast and precise sheath stripping and stripping of all standard round and wet room cables (e.g. NYM cable from 3 x 1.5 mm² to 5 x 2.5 mm²), data cables (e.g. twisted pair) and coaxial cables.

62110 100

## Design

- For right-handed users

62110 101

## Design

- For left-handed users



Stripping an NYM cable



Stripping a data cable



Stripping a coaxial cable



62110 100



62110 101



Application range Ø mm	Length mm	Round cable Ø mm	Conductor and wire mm²	Coax cable Ø mm	Data cable	for right-handed users		for left-handed users	
						62110	...	62110	...
0.2 / 0.3 / 0.8 / 1.5 / 2.5 / 4.0	135	8 - 13	0.2 - 4.0	4.8 - 7.5	Cat 5-7, twisted pair (TPTSTP)	100		101	<b>NEW</b>

62115

## Stripping pliers

**ATORN®**

## Design

- High-gloss polished head, chrome-plated
- With adjusting screw and spring
- Handles with heavy, covered two-component grips

Length mm	Wire mm	Cable mm <sup>2</sup>	62115	...
160	1.1 - 4.8	0.5 - 6		101

62115



62104

## VDE wire stripping pliers, chrome plated

**ATORN®**

## Design

- Made of chromium-vanadium steel, high-gloss polished, chrome-plated
- With 2-component handle
- Specially designed to meet the strict safety guidelines of the IEC 900, DIN EN 60900 and VDE 0680 part 2 standards
- Directly sprayed-on insulated handles, 1000 V

Length mm	Wire mm	Cable mm <sup>2</sup>	62104	...
160	1.1 - 4.8	0.5 - 6		101

62104



62112

## Stripping pliers

**HHW**

## Design

- With black ergosoft grips
- High-gloss polished
- Adjusting screw for adjusting to the wire or flex diameter
- With opening spring

Quality  
Special C 45 tool steel,  
oil-hardened, chrome-plated.

Length mm	Wire mm	Cable mm <sup>2</sup>	62112	...
160	1.1 - 4.8	0.5 - 6		101

62112



62114

## VDE wire stripping pliers/sheath stripping pliers

**KNIPEX**

62114 101

## Design

- Chrome-plated head
- Easy to adjust to desired wire or flex diameter using knurled thumb screw and jam nut
- With opening spring
- For single-, multi- and fine-strand conductors with plastic or rubber insulation max. Ø 5 mm or 10 mm<sup>2</sup> conductor cross-section
- Handles with thick-walled, two-colour multi-component sleeves and non-slip protection over insulated handles
- Tested in accordance with IEC DIN EN 60900

## Quality

Special tool steel, forged, oil-hardened.

62114 201

## Design

- Easier access, especially with deep-set flush-mounted junction boxes, due to narrow head shape and optimally angled cable sheath blade
- Simple and damage-free sheath stripping due to circular blade with depth stop
- For universal use: Precision stripping holes for conductors 1.5 and 2.5 mm<sup>2</sup>
- With side cutters for cutting conductors, wires, small screws and nails
- All cutting edges also induction hardened to approx. 61 HRC: for high wear resistance
- 30% lighter than comparable pliers
- Handles with thick-walled, two-colour, multi-component sleeves
- Tested in accordance with IEC DIN EN 60900

## Applications

Saves time when stripping and removing insulation and sheathing from all standard round and wet room cables (e.g. NYM cables).

## Quality

Vanadium electric steel, forged, oil-hardened

Length mm	62114	...
160		101
165		201

62114 101



62114 201



62116

## VDE wire stripping pliers



## Design

- Polished, chrome-plated
- Self-adjusting
- The segmented blades automatically adjust to the cable cross-section
- Thick-walled plastic handles with hand guard

## Quality

Vanadium extra steel.

62116



Length mm	Cable mm <sup>2</sup>	62116	...
165	0.5 - 6	101	

62118

## Wiring pliers



## Design

- Polished head
- Arms with plastic coating
- **Blades also inductively hardened**
- Blade hardness approx. 60 HRC

## Applications

For stripping, gripping and bending wires, crimping wire end ferrules, ideal for wiring work. For cutting soft, medium-hard and hard wire.

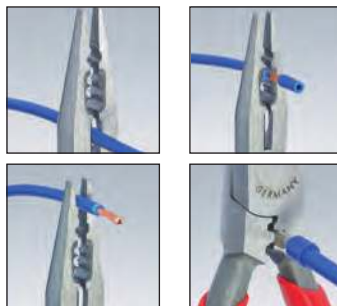
## Quality

Vanadium electric steel, forged, oil-hardened

62118 301

## Design

With two-coloured multi-component grip sleeves.



62118 101



62118 301



Stripping values mm <sup>2</sup>	Up to wire Ø medium-hard mm	Up to wire Ø hard mm	Length mm	62118	...
0.5-0.75 / 1.5 / 2.5	2.5	1.6	160	101	
0.5-0.75 / 1.5 / 2.5	2.5	1.6	160	301	

62113

## VDE electrical installation pliers



## Design

- Multi-purpose pliers for electrical installation
- Bolted joint: precise movement of pliers with no play
- Slim design for good accessibility

## Applications

For gripping flat and round material, bending, deburring, cable cutting, stripping and crimping of wire end ferrules.

## Quality

Special-grade tool steel, forged, oil-hardened.

## Six functions in one set of pliers:

- Smooth gripping surfaces at the tip for damage-free gripping of individual wires, profiled gripping surfaces and burner hole for gripping flat and round materials
- Sharper outer edge on the jaw for processing flush-mounted sockets and deburring feed-through holes
- Stripping holes for conductors 0.75–1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup>
- Crimp nest for wire end ferrules 0.5–2.5 mm<sup>2</sup>
- Cable cutter with precision cutting edges (inductively hardened) for copper and aluminium cables up to 5 x 2.5 mm<sup>2</sup> / Ø 15 mm
- Individually tested according to VDE DIN EN 60900

62113 301



Version	Length mm	62113	...
Without opening spring	200	301	
With opening spring	200	302	



62119

## Three-way pliers



## Design

- Flat, stripping and crimping pliers in one
- Head polished and chrome-plated

## Applications

For stripping, gripping and bending wire, cutting wire, crimping wire end ferrules and cable lugs and much more.

62119

Length mm	Working range Ø mm	62119	...
160	1.6 - 2.5	101	





## Wire stripping pliers

62123

### Stripping pliers



#### Design

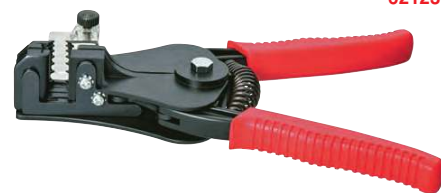
- With interchangeable blades for four or six different conductor cross-sections
- Precisely ground, shaped blades cause no damage to the conductor; even finely stranded wires are stripped carefully
- Jaws hold the wire in place while stripping
- With adjustable longitudinal stop for identical stripping lengths during series tasks

- Pliers brought back to original position by compression spring
- With plastic grip covers
- Pliers painted black
- AWG 20-19/17/15/13/11/10

#### Quality

**Pliers body: Aluminium.**

**Blade: Special tool steel, oil-hardened.**



62123

Length mm	Application range mm <sup>2</sup>	62123	...
180	0.5-0.75 / 1.0 / 1.5 / 2.5 / 4.0 / 6.0		201

62124

### Wire stripping pliers



#### Design

- Ergonomic and non-slip 2-component handles
- Small handle width
- Made in Germany

#### Applications

Special pliers with longitudinal stop for high-quality, damage-free stripping and sheath removal of all electrical single- and multi-conductor cables from 0.03 to 16 mm<sup>2</sup>. Can be used regardless of the strength of the insulation material. Special cutting process does not squash or deform the cable ends. Replaceable shaped blade for various cable cross-sections. Customer-specific dimensions are also possible. Stripping knife is automatically returned to the starting position.

62124 201

#### Applications

For PTFE-insulated cables 0.03–2.08 mm<sup>2</sup> with cable guide.

Stripping positions Ø 0.35 mm / 0.55 mm, 0.80 mm / 1.05 mm, 1.35 mm / 1.60 mm, 1.75 mm.

62124 202

#### Applications

For PTFE-insulated cables 2.5–10.0 mm<sup>2</sup>.

Stripping positions Ø 4.45 mm, 3.50 mm, 2.70 mm, 2.30 mm.

62124 203

#### Applications

For DIN stranded cables 0.14–6.0 mm<sup>2</sup>.

Stripping positions Ø 0.70 mm / 1.35 mm, 1.70 mm / 2.30 mm, 2.70 mm / 3.50 mm.



62124

Length mm	62124	...
200		201
200		202
200		203

62126

### Wire stripping pliers

62126 201+301

#### Design

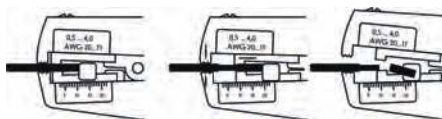
- With cable cutters and longitudinal stop
- Fibreglass-reinforced polyamide housing
- Metal parts made of specially hardened steel
- The segmented blades automatically adjust to the respective conductor cross-section
- With 3-stage insulation thickness adjustment: thick-normal-thin
- Can be preset using longitudinal stop, 3-18 mm
- Total length 190 mm
- Weight: approx. 150 g

#### Use

For conductors and wires with PVC insulation.

62126 202+302

**Spare blade** for art. no. 62126 201+301.



ATORN®

H+M

	Working range mm <sup>2</sup>	62126	...	62126	...
Pliers	0.08 - 6		301		
Pliers	0.03 - 10				201
Spare blade	-		302		
Spare blade	-				202



62126 301



62126 201



62127

## Wire stripping pliers Multi Strip 10 (automatically self-adjusting)



MultiStrip 10

## Design

- The first wire stripping pliers to self-adjust to cross sections and insulation thickness.

## Applications

Suitable for single- and multi-strand cables with PVC insulation and a variety of special insulations, integrated cable cutters.



62127

Length mm	Application range mm <sup>2</sup>	62127	...
195	0.03 - 10.0		201

62128 - 62129

## Wire stripping pliers

Weidmüller

62128 101

Mini-Stripax®

## Design

- Stripping length can be adjusted with stop
- Clamping jaws open automatically after stripping

## Applications

For stripping and cutting conductors 0.08 – 1 mm<sup>2</sup> (~AWG 28 – 18) up to a maximum diameter of 1.3 mm fine-strand and solid conductors with PVC insulation.

62128 102

Stripax® RD

## Design

- Removable recessed handles
- Optional partial stripping
- Stripping length up to 25 mm
- Personalised marking
- Clamping jaws open automatically after the stripping process
- The blade cassettes can be easily replaced
- Double insulated cables in two operations without special setting
- Segmented blade technology means that the conductor is surrounded, the blades automatically adjust to the insulation thickness, the insulation is removed

## Applications

For stripping and cutting fine-strand and solid conductors with PVC insulation of 0.08 – 10 mm<sup>2</sup> (~AWG 28 – 7). Processing of multiple conductors; in the case of thin, flat ribbon conductors, several conductors can be processed in a single work step.

62128 104

Stripax® ULtimate

## Design

- Stripping length up to max. 25 mm
- Double-insulated cables in two operations without special setting
- Clamping jaws open automatically after stripping
- Personalised marking with ESG device marker
- Thanks to the special shaped blades, the conductors are not damaged

## Applications

Particularly suitable for UL-specified conductors. For stripping and cutting fine-strand and solid conductors with halogen-free insulation of 0.25 – 6 mm<sup>2</sup> (~AWG 24 – 10)

62128 105

Stripax® ULtimate XL

## Design

- Stripping and cutting of almost all halogen-free insulation materials as well as UL or UL-like conductors with hard or smooth insulation in the cross-sectional range of 2.5 – 10 mm<sup>2</sup>.
- This means that even tough PUR sheathing material for sensor/actuator wiring of 4.1 mm to 7.2 mm diameter poses no problem
- With automatic self-adjustment
- 3-stage partial stripping function (removal length: 3, 5 and 10 mm)
- The individual conductors are not fanned out
- Adjustable to a wide range of insulation thicknesses

## Applications

Optimally designed for typical application areas such as processing control cables, earth cables, motor connection cables, power bus cables, aluminium cables for lightweight machinery or for removing sheathing from sensor/actuator cables.

62128 103

Stripax® 16 RD

## Design

- Clamping jaws open automatically after the stripping process
- The blade cassettes can be easily replaced
- Double insulated cables in two operations without special setting
- Removable recessed handles
- Optional partial stripping
- Stripping length up to 25 mm
- Personalised marking
- Cuts up to a maximum of 6 mm<sup>2</sup>
- Thanks to the special shaped blades, the conductors are not damaged

## Applications

For stripping and cutting fine-strand and solid conductors with PVC insulation of 6–16 mm<sup>2</sup>.

62129

Spare blade



62128 101



62128 102



62128 104



62128 105



62128 103



62129 101



62129 102

Type	Working range mm <sup>2</sup>	Length mm	Weight g	Spare blade			
				62128	...	62129	...
Stripax® Mini	0.08 - 1	135	110		101		101
Stripax® RD	0.08 - 10	190	175		102		102
Stripax® ULtimate	0.25 - 6	190	175		104		
Stripax® ULtimate XL	2.5 - 10	190	175		105		
Stripax® 16 RD	6.0 - 16	190	155		103		

62142

## Automatic wire stripping pliers



### Design

- Glass fibre-reinforced plastic with ergonomic soft plastic area in the handle
- Compact design
- Very comfortable working even in hard-to-reach places
- Adapts automatically to the conductor cross-section
- With wire cutter for copper and aluminium conductors up to max. 2.5 mm<sup>2</sup>
- Longitudinal stop adjustable between 6–18 mm to allow series work with consistent stripping lengths
- Blade easily replaceable

### Applications

For all standard cable cross-sections. Suitable for single, multi-strand and fine-stranded wire from 0.2–6.0 mm<sup>2</sup> with standard insulation.



62142



Working range mm <sup>2</sup>	Length mm	Weight g	62142	...
0.2 - 6.0	180	151		101

62130

## Wire stripping pliers



62130 201

### Design

- Ergonomic and **automatic wire stripping pliers** for solid and flexible conductors and wires from 0.2–6.0 mm<sup>2</sup> (AWG 24–10)
- No adjustment to cable cross-section is necessary
- Suitable for cables with insulation made of PVC and other materials
- **Special sensing system** ensures no damage to the conductor
- Longitudinal stop adjustable between 6–15 mm allows consistent series stripping
- Well-positioned, external side cutter for conductors up to max. 2.5 mm<sup>2</sup>
- Pliers body made of fibreglass-reinforced polyamide, pliers handle with slot at bottom end for mounting
- **TÜV/GS tested**

### Applications

For fast and precise stripping even in hard-to-reach places. Electrical industry, electrical engineering, automotive industry.

62130 202

### Design

- Automatic wire stripping pliers for stripping combination cables for connection to sensor/actuator distribution boxes
- Cables can be stripped to any length
- No adjustment to cable cross-section is necessary
- Replaceable blades
- **TÜV/GS tested**

### Applications

For stripping halogen-free sensor/actuator cables with PUR or PVC sheathing and multi-strand cable structure, e.g. sensor cables from 4.4 mm Ø, shielded and unshielded.  
For applications in trade and industry.



62130 201



62130 202

Working range mm <sup>2</sup>	Length mm	Weight g	62130	...
0.2 - 6.0	165	91		201
4.4 - 7.0	166	125		202

62131

## Cable cutters



### Design

- One-handed operation
- Inductively-hardened cutting edges
- Adjustable screw joint
- Laser-cut components

### Applications

For cutting copper and aluminium cables without steel core.

### Quality

**Special carbon steel.**

Type	Length mm	Cutting performance Ø mm	62131	...
Evo Shark	180	18		100
Shark	230	25		102



62131 100



62131 102

## 62132

## Cable cutters, patented

**KNIPLEX**

### Design

- One-handed ratchet cutter with 2-speed automatic mechanism and removable swivel knives
- Handles with thick-walled plastic sleeves
- Optimum leverage
- Cable cutting with minimal effort
- Cuts smoothly and cleanly without crushing
- With pinch protection
- Precision-ground cutting edges

### Applications

For cutting copper and aluminium cables, single- and multi-strand, even in tight spaces.

### Quality

High-quality special tool steel.

### 62132 201+202

#### Design

- VDE version
- Insulated with two-colour multi-component grip covers

### 62132 103+104

#### Spare blade



62132 101



62132 102



62132 201-202

	Length mm	Cutting performance Copper + aluminium cable Ø mm/mm²	62132	...
Cable cutters	250	32/240	101	
Cable cutters	280	52/380	102	
Cable cutters VDE	250	32/240	201	
Cable cutters VDE	280	52/380	202	
Spare blade	250	32/240	103	
Spare blade	280	52/380	104	

62132 103

62132 104



## 62154

## Cable cutters

**KNIPLEX**

### Design

- Hardened cutting edges, ground for clean, smooth, precision cutting with no crushing
- Fixed-arm sleeve with platform for setting down during cutting
- Cuts copper and aluminium cables in one- or two-handed operation up to a diameter of 60 mm
- **Innovative three-speed gear drive** with high transmission ratio for easy one-handed or two-handed cutting
- Easy to handle due to low weight and compact design

### Applications

For cutting copper and aluminium cables, single- and multi-strand. Not suitable for steel wire and wire cables.

### Quality

Special-grade tool steel, forged, oil-hardened.

### 62154 101

#### Design

- Arms have thick-walled, two-colour, multi-component sleeves with non-slip protection

### 62154 201

#### Design

- Arms have thick-walled, two-colour, multi-component sleeves with non-slip protection
- Individually tested according to VDE DIN EN 60900



62154 101



62154 201



	Length mm	Cutting performance Copper + aluminium cable Ø mm	62154	...	VDE 62154	...
	320	60	101		201	

## Cable cutters

62156

### VDE cable cutters

**Weidmüller** 

62156 101

VDE cable cutters KT 8 VDE

#### Design

- Cutting tool for cutting copper and aluminium cables up to Ø 8 mm without crushing them
- **VDE and GS-tested protective insulation up to 1000 V in accordance with EN/IEC 60900**

#### - Maximum cutting performance in copper cable:

single-strand: max. 16 mm<sup>2</sup>  
multi-strand: max. 16 mm<sup>2</sup>  
fine-strand: max. 16 mm<sup>2</sup>  
max. dia. 8 mm

#### - Maximum cutting performance in aluminium cable:

single-strand: max. 16 mm<sup>2</sup>  
multi-strand: max. 16 mm<sup>2</sup>  
max. dia. 8 mm

#### Note:

**Not suitable** for steel wire, steel-reinforced cable, aluminium alloy or hard-drawn copper conductors!

62156 102

Cable cutters KT 45 R

#### Design

- One-handed operation
- Low hand force
- Can be unlocked in each cutting position

#### - Maximum cutting performance in copper cable:

fine-strand: max. 400 mm<sup>2</sup>/800 kcmil  
multi-strand: max. 300 mm<sup>2</sup>/600 kcmil  
max. Ø 45 mm sector cable: 3 x 70 SM

#### - Maximum cutting performance in aluminium cable:

multi-strand: max 400 mm<sup>2</sup>/800 kcmil  
multi-strand: max Ø 45 mm  
sector cable: 4 x 70 SE

#### - Data/phone/control cable:

external diameter max. 45 mm

#### Note:

**Not suitable** for steel wire, steel-reinforced cables, aluminium alloy or hard-drawn copper conductors!

**NEW**



62156 101



62156 102

Length mm	weight approx. g	62156	...
185	180		101
290	740		102

62140

### VDE cable cutters

**ATORN**®

#### Design

- Angled head for optimum visibility and wrist protection
- Curved pulling arm for a secure hold even with large cross sections
- Opening spring and upper lock

- Polished head, 2-component VDE grip covers with non-slip protection
- **VDE version in accordance with DIN EN 60900**

#### Applications

For copper and aluminium cables. Not suitable for steel wire.

Length mm	Cutting performance Ø mm/mm <sup>2</sup>	62140	...
180	18/50		201
220	25/70		202



62140

62138

### Cable cutters

**KNIPEX**

#### Design

- One-handed operation
- Hardened cutting edges
- With pinch protection and adjustable screw joint
- Cuts smoothly and cleanly without crushing

#### Applications

For cutting copper and aluminium without a steel core. Universal for cutting, stripping and sheath stripping.

#### Quality

Special-grade tool steel, forged, oil-hardened.

62138 101

#### Design

- Bronzed tool
- Handles with plastic coating

62138 103

#### Design

- Chrome-plated tool
- Handles with two-colour multi-component sleeves
- **VDE tested in accordance with DIN EN 60900**

62138 106

#### Design

- **With twin cutting edge**
- Chrome-plated tool
- Handles with two-colour multi-component sleeves
- **VDE tested in accordance with DIN EN 60900**

#### Note:

By splitting the cutting process into pre-cut (insulating sheath with front blade area) and post-cut (conductor in rear blade area), cables up to 20 mm in diameter can be cut with one hand

Length mm	Cutting performance Ø mm/mm <sup>2</sup>	62138	...
165	15 / 50		101
VDE 165	15 / 50		103
VDE 200	20 / 70		106



62138 103



62138 106



## 62133

## Universal cable cutters

### Design

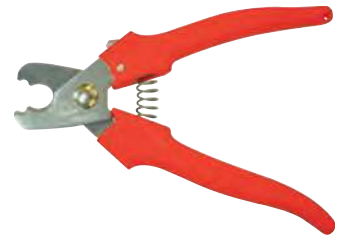
- Lockable, with spring
- Handles with plastic coating, red

### Quality

Stainless steel.

62133

Length mm	Cutting performance Ø mm/mm²	Weight g	62133	...
168	12/10	109		101



## 62134

## Cable cutters



### Design

- Hardened, precision-ground blades
- Cable is not pinched, minimal deformation
- Pinch guard prevents crushing injuries
- Adjustable screw joint
- Cutter body: Surgical steel, stainless, air-hardened
- Handles: Impact-resistant plastic

### Note:

Not suitable for steel wire and hard-drawn copper wire.

### 62134 100

- Polished head, handles with plastic moulding
- With opening spring and catch

### Applications

For cutting cables Ø 10 mm / 24 mm².

### Quality

Cutting edges made of stainless steel, oil-hardened and tempered.

### 62134 101

- Polished head, insulated handles, with plastic moulding, **VDE tested in accordance with DIN EN 60900, 1000 V**
- Simple to make cuts using one hand thanks to high ratio

### Applications

For copper conductors up to 16 mm², multi-strand up to 50 mm² and fine-strand up to 70 mm². For multi-strand aluminium conductors 70 mm².

### Quality

Stainless special steel, hardened and tempered.

62134 100



62134 101



## 62135

## Cable cutters/cutting pliers

### 62135 103-104



### Small cable cutters

### Design

- Bronzed head
- Sturdy plastic handles
- One-handed operation
- Made in Germany

### Applications

Cable cutters for cutting single-strand, multi-strand and fine-strand aluminium or copper cables. Easy, clean cut. Special cutting edge shape does not crush or deform the cable. Not suitable for steel wire, wire cable or hard-drawn copper wire.

### 62135 103

With single cutting edge.

### 62135 104

With double cutting edge, pre- and finish cut (first and second cutting edge).

### Note:

(1) **Pre-cut:** By using the front cutting edge, the arms remain at an ergonomic cutting width even with larger-diameter cables.

(2) **Finish cut:** Where more force is required, it is possible to adjust the profile at the joint. Pre-cut at the front, finish cut at the back.

### 61235 201-202



### Ratchet-type cable cutting pliers

### Design

- Bronzed cutter head
- Ground cutting edge
- Telescopic arms made of anodised aluminium tubing
- With 2-component handles
- Arm length adjustable in multiple steps
- Cutters can be opened in any cutting position
- Ratchet mechanism for optimum cutting performance
- Can also be used in tight spaces and overhead

### Applications

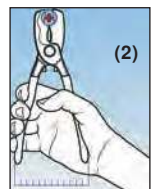
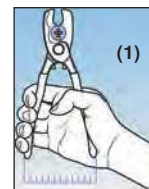
For cutting of solid, multi-strand and fine-strand aluminium and copper cables. Also for cables with sheet metal sheathing. Not suitable for wire cables or steel wire.



62135 103



62135 104



62135 201



Length mm	Cutting performance Ø mm/mm²	Weight approx. kg	62135	...
170	15/50	0.2		103
200	20/70	0.3		104
630 - 830	60/740	3.9		201
680 - 880	100/960	5.0		202





62137

## Cable cutters

**HHW**

## Design

- No force multiplication
- Special tool steel
- Forged cutting head
- Ground cutting edge
- Adjustable screw joint
- Arms made of aluminium tubing, powder coated and with plastic handles

## Applications

For cutting copper and aluminium cables without steel core.

62137



Length mm	Cutting performance Ø mm/mm²	Weight approx. kg	62137	...
500	27/150	1.0		101

62139

## Cable cutters

**Klauke®**

62139 103

Type K105/1

## Design

- Two-handed operation
- Compact design with extending telescopic handles for easy transportation
- High cutting performance
- Textured hand grips for safe working
- On-site maintenance by replacing the cutting heads

## Applications

For cutting copper and aluminium cables up to Ø 26 mm. **Also for fine-strand conductors such as VDE 0295 class 5.** Not suitable for cutting steel or steel wire.

62139 102

Type K1012

## Design

- Two-handed operation
- Large cutting range
- Extending lever arms
- Replaceable cutting head

## Applications

For cutting copper and aluminium cables up to Ø 38 mm. **Also for fine-strand conductors such as VDE 0295 class 5.** Not suitable for cutting steel or steel wire.

62139 103



62139 101



62139 102



62139 101

Type K130

## Design

- Textured hand grips for safe working
- Excellent cutting performance in fine-strand wires due to specially shaped, extremely flat cutting knife
- Large cutting range

## Applications

For cutting copper and aluminium cables up to Ø 30 mm. Not suitable for cutting steel or steel wire.

Length mm	Cutting performance Ø mm	Weight kg	62139	...
350 - 520	26	1.4		103
570	30	1.7		101
930	38	4.2		102

62179

## Wire cable cutters

**ATORN®**

62179 101

## Design

- Shearing blade cuts fine-strand wire cable
- With internal spring, polished head, 2-component handles

62179 101



62179 103

## Design

- Shearing cutter cuts wire cable and electric cables
- Tubular steel handles with ergonomic plastic grips

62179 103



Length mm	Wire thickness max. mm	62179	...
190	7		101
500	12		103

KNIPEX

62151 102

**Wire cable cutters****Design**

- Polished head, plastic-coated handles
- Low effort required due to high force transmission
- Two pressing sections for end caps on Bowden casings and end sleeves for wire cables
- Handy, slim design and inner opening spring
- Bolted joint for precise guiding of the cutter, adjustable
- Double function: Clean cutting, precise crimping

**Applications**

Cuts all wire cables, even high-strength versions, cleanly and without the cables fanning out.

**Quality**

**Chromium-vanadium heavy-duty steel, forged, oil-hardened. Blade hardness approx. 64 HRC.**

62151 103

**Wire cable cutter, also suitable for high-strength wire cables****Design**

- Compact, lightweight and powerful
- Requires up to 30% less force compared with wire cable cutters of the same length
- Bronzed tool, handles with multi-component sleeves
- Double bearing box joint for high stability
- Comfortable working with opening spring
- Secured by latch during transport
- Ball bearing steel

**Applications**

For wire cables up to Ø 4.0 mm/1960 N/mm<sup>2</sup>.

**Quality**

**Chromium-vanadium heavy duty steel, forged, multi-stage oil-hardened. Blades also inductively hardened, Blade hardness approx. 64 HRC.**

62151 104

**Wire cable and electric cable cutters****Design**

- Polished head, plastic-coated handles
- Low effort required due to high force transmission
- Angled cutting blades allow cutting of individual rope strands
- Bolted cutter head, replaceable

**Applications**

For wire cable, round bars, copper and aluminium cable. Suitable for cutting overhead power line cables with strain relief wire.

**Quality**

**Knife head made of high-quality special tool steel, oil hardened. Cutter body made of aluminium, high strength.**



62151 102



62151 103



62151 104

Type	Length mm	Wire cable Up to Ø mm	Copper + aluminium cable Up to Ø mm/mm <sup>2</sup>	Up to wire Ø Medium mm	Up to wire Ø Piano mm	62151	...
Wire cable cutters	190	6	7/10	4	2.4	102	
Wire cable cutters	160	4	6/-	-	-	103	NEW
Wire cable and electric cable cutters	600	14	-/150	9	-	104	

KNIPEX

**Design**

Polished head, handles with plastic coating, with opening spring. With flat-ground cutting surfaces. Blades also inductively hardened.

**Applications**

Specially designed for cutting fibreglass cable (fibre optic).

**Quality**

**Vanadium electric steel, oil-hardened and tempered.**



62141

Length mm	62141	...
160	105	

62144

Pelican cutters/Notching pliers

62144 101



Pelican cutters

Design

- With support for plastic panels and cable ducts, and support for plastic pipes
- Very good cutting performance, even up to the cutter tip
- Optimum leverage for consistent manual force over the entire cutting length
- Ergonomic handle design
- Easy to handle
- Red plastic handles

Applications

For burr-free cutting of plastic panels, pipes, skirting boards and cable ducts.

Quality

Burnished, replaceable cutting knife made of hardened special steel.

62144 201



Notching pliers

Design

- Compact design, simple handling
- Pliers open automatically
- Cutting head made of special tool steel
- Bronzed surface
- Red plastic handles
- Lightweight, drawing cut (scissors principle)
- Clean-cut edges
- Precise cutting of the rubber lip on the skirting board

Applications

For cutting notches in plastic housings for electrical and plumbing installation.



62144 101



62144 201



Type	Length mm	Cut length mm	Cut width mm	Cut depth mm	62144	...
Pelican cutters	280	110	-	-		101
Notching pliers	250	-	16	32		201

62145 - 62146

Universal crimping pliers

62145 101

Design

- With wire cutter
- Stripping openings and bolt cutters for M 2.6–M 5

Applications

For insulating sleeves:

- Red 0.5–1 mm<sup>2</sup>,
- Blue 1.5–2.5 mm<sup>2</sup>,
- Yellow 4–6 mm<sup>2</sup>.

62145 102

Design

- Cutting function
- Cut-off function for threaded bolts 2.6 mm, 3 mm, 3.5 mm, 4 mm and 5 mm
- Crimping **non-insulated** cable lugs from 1.5–6.0 mm<sup>2</sup>
- Stripping function for PVC conductors 0.75–6.0 mm<sup>2</sup>
- Cable cutters
- Length 225 mm, weight 225 g

62145 103

Design

- Cutting function
- Crimping **insulated** cable lugs from 0.5–6.0 mm<sup>2</sup>
- Cut-off function for threaded bolts 2.6 mm, 3 mm, 3.5 mm, 4 mm and 5 mm
- Crimping **non-insulated** cable lugs from 1.5–6.0 mm<sup>2</sup>
- Stripping function for PVC conductors 0.75–6.0 mm<sup>2</sup>
- Cable cutters
- Length 240 mm, weight 285 g

62146 102



Type K60

Version

- Roll pressing (crimping)
- For shortening screws M 2.5–M 6
- Crimping of wires and cable insulation is carried out in two work steps
- With wire cutter and stripping device for the cross-sections 0.75–6 mm<sup>2</sup>

Applications

Suitable for flat connectors with 2.8/4.8 and 6.3 mm plug width. For non-insulated flat connectors 0.5–6 mm<sup>2</sup>.



62145 101



62145 102



62145 103



62146 102

	62145	...	62146	...

Klauke®

62145

101

102

103

62146

102



**Weidmüller**

62147 100

**PZ 4****Design**

- Forced locking guarantees crimping quality
- Can be unlocked if operated incorrectly
- Trapezoidal crimping
- Only one crimping point required for the entire cross-sectional range

**Applications**

For wire end ferrules (in accordance with DIN 46228, T.1 and 4)

With or without plastic collar of 0.5 – 4 mm<sup>2</sup>.

62147 101

**PZ 3****Design**

- Forced locking guarantees crimping quality
- Can be unlocked if operated incorrectly
- Square crimp
- Only one crimping point required for the entire cross-sectional range
- Wire end ferrules inserted from the front
- Short lever travel

**Applications**

For wire end ferrules (in accordance with DIN 46228, T.1 and 4)

With or without plastic collar of 0.5 – 6 mm<sup>2</sup>.

62147 102

**PZ 16****Design**

- Forced locking guarantees crimping quality
- Can be unlocked if operated incorrectly
- Indent crimp
- Three crimping points depending on the conductor cross-section
- Crimp complies with EN 60947-1
- Approval in line with VG 95211:

**Applications**

For wire end ferrules (in accordance with DIN 46228, T.1 and 4)

With or without plastic collar of 6 – 16 mm<sup>2</sup>.

62147 103

**PZ 6 Roto****Design**

- Forced locking guarantees crimping quality
- Can be unlocked if operated incorrectly
- Trapezoidal crimping
- Only one countersink required for the entire cross-sectional area
- Rotating countersink for inserting the wire end ferrules from the front or from the side

**Applications**

For wire end ferrules (in accordance with DIN 46228, T.1 and 4)

With or without plastic collar of 0.14 ... 6 mm<sup>2</sup> as well as for twin wire end ferrules from 0.5–2.5 mm<sup>2</sup>.

62147 104

**PZ 6 Roto L****Design**

- For easy crimping, even in hard-to-reach places
- Trapezoidal crimping
- The rotating crimp insert allows wire end ferrules to be inserted either from the front or the side
- **The lockable crimp insert allows flexibility in application**
- UL-approved crimp connection

**Applications**

For wire end ferrules (in accordance with DIN 46228, T.1 and 4)

With or without plastic collar of 0.14 ... 6 mm<sup>2</sup>.

62147 105

**PZ 10 HEX****Design**

- The hex crimp offers a rather round crimp form at the lowest max. diameter and comes into its own where space for crimping is limited

**Applications**

For wire end ferrules (in accordance with DIN 46228, T.1 and 4)

With or without plastic collar of 0.14 – 10 mm<sup>2</sup>.

62147 106

**PZ 10 SQR****Design**

- The geometric dimensions of the square crimp make for an ideal connection with spring-loaded terminals

**Applications**

For wire end ferrules (in accordance with DIN 46228, T.1 and 4)

With or without plastic collar of 0.14 – 10 mm<sup>2</sup>.

62147 107

**PZ 50****Design**

- Three crimping points depending on the conductor cross-section
- Indent crimp
- Crimp complies with EN 60947-1
- Approval in line with VG 95211:

**Applications**

For wire end ferrules (in accordance with DIN 46228, T.1 and 4)

With and without plastic collar of 25, 35 and 50 mm<sup>2</sup>.

62147 108

**CTI 6 G****Design**

- With stop for precise positioning of contacts
- Oval crimp, parallel crimp
- Forced locking guarantees crimping quality
- Can be unlocked if operated incorrectly
- Slotted crimp for reduced manual force

**Applications**

For PVC and polyamide-insulated connectors in the cross-sectional range 0.5 – 6 mm<sup>2</sup>.

For cable lugs, pin-type cable lugs, parallel and series connectors and plug-in connectors.

62147 100

62147 101

62147 102

62147 103

62147 104

62147 105

62147 106

62147 107

62147 108



Type	Crimping range Ø mm <sup>2</sup>	Length mm	Weight g	62147	...
PZ 4	0.5 - 4.0	200	448	100	
PZ 3	0.5 - 6.0	200	426	101	
PZ 16	6.0 - 16.0	200	418	102	
PZ 6 Roto	0.14 - 6.0	200	428	103	
PZ 6 Roto L	0.14 - 6.0	200	428	104	NEW
PZ 10 HEX	0.14 - 10.0	195	510	105	NEW
PZ 10 SQR	0.14 - 10.0	195	510	106	NEW
PZ 50	25 / 35 / 50	260	700	107	NEW
CTI 6 G	0.5 - 6.0	250	747	108	NEW





## 62181 - 62182

## Crimping pliers

**ATORN®****Design**

- Marked trapezoidal profiles for secure crimping of ferrule and conductor

**62181****Design**

- Polished head  
- PVC-dipped handles

**62182****Design**

- Polished head  
- 2-component grip sleeves

Length mm	Crimping range Ø mm²	62181	...	62182	...
145	0.25 - 2.5			101	101
180	0.25 - 16.0			102	102



62181



62182

## 62148

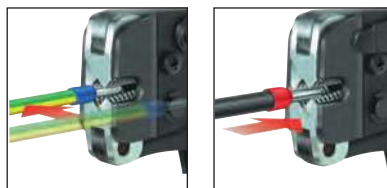
## Crimping pliers for front crimping

**HHW****Design**

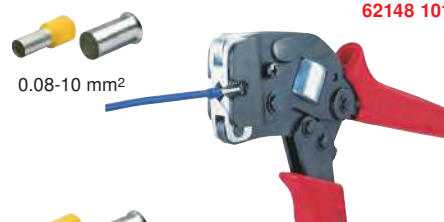
Square crimp profile with four profiled crimp surfaces. Front insertion of wire end ferrules. Effort-saving lever ratios, adjustable crimping force, adjustment lever for pre-selection of crimp areas. Bronzed, with ergonomic two-component handles.

**Applications**

DIN-compliant crimping connections of wire end ferrules. Universal application, extremely simple to use in confined spaces.



Capacity mm²	Capacity AWG	Length mm	62148	...
0.08 - 10.0	28 - 7	190		101
0.08 - 16.0	28 - 5	190		102



62148 101



62148 102

## 62155

## Crimping tool

**Klauke®****62155 100****Type K25****Design**

- With locking mechanism for even, controlled crimping results  
- Precise cross-section assignment thanks to permanent markings on the crimping tool  
- **Edge crimping**  
- Ideal crimping tool with spring-supported tool opening

**Applications**

For DIN 46235 crimp cable lugs, DIN 46230 pin-type cable lugs. For nickel and stainless steel tubular cable lugs and connectors up to 6 mm².

**62155 102****Type K05****Design**

- Synchronised profile shim adjustment when open  
- Cross-section displayed on marked adjusting wheel  
- **Hexagon crimping**  
- Precisely synchronised head plate production for optimum, consistent crimping results  
- Modern, robust and lightweight elliptical tube handles  
- Ergonomic 2-component handles with double-sided non-slip protection  
- Smooth, durable tool mechanism that is fatigue-free in use  
- Service-friendly design for easy profile shim change

**Usage**

For pipe cable lugs and connectors, normal design 6–50 mm².

Crimping range mm²	Length mm	Weight approx. kg	62155	...
0.5 - 16	325	0.6		100
6 - 50	390	1.1		102



62155 100



62155 102

## 62149

## Crimping pliers for wire end ferrules

**Design**

Die-forged, arms with plastic handles. With cable cutters.

**Applications**

For the production of solderless cable connections on insulated and non-insulated connectors, cable lugs and wire end ferrules with and without plastic collars.

Crimping range Wire end ferrules mm²	Length mm	62149	...
0.25 - 2.5	155		101
0.5 - 16.0	220		102
10 - 35.0	220		103



62149 101



62149 102



62149 103

## 62150

## Crimping pliers

**KNIPEX**

### 62150 101+103

#### Applications

For crimping wire end ferrules in line with DIN 46228 parts 1+4 Crimping in marked **trapezoidal profiles** for secure connection between ferrule and conductor.

#### Quality

Vanadium electric steel, forged, oil-hardened

### 61150 101

#### Design

- Polished head, grips with multi-component sleeves.

### 61150 103

#### Design

- Polished head, insulated grips with multi-component sleeves, **VDE-tested IEC 60900**  
**DIN EN 60900.**

### 62150 102

#### Design

- Polished head, grips with multi-component sleeves  
- Nine particularly deep profiles with conical side areas.

#### Applications

For crimping wire end ferrules in line with DIN 46228 parts 1+4 Crimping in marked **semi-circular profiles** for secure connection between ferrule and conductor.

#### Quality

Special tool steel, forged, oil-hardened.



62150 101



62150 103



62150 102

Crimping range Wire end ferrules mm <sup>2</sup>	Application area AWG	Length mm	Number of recesses	VDE			
				62150	...	62150	...
0.25 - 2.5	23 - 13	145	6		101		103
0.25 - 16.0	23 - 5	180	9		102		



## 62153

## Plastic gripping pliers/snipe nose pliers

**KNIPEX**

#### Design

- Pliers made of plastic, fibreglass-reinforced  
- Handles with soft plastic zone for secure grip  
- Full insulation reduces the risk of short circuit  
- Not sensitive to magnetic fields  
- Fully spark-free

#### Applications

For use on voltage-carrying parts up to 1000 VAC and 1500 VDC.  
Also ideal for use in chemically aggressive environments.

### 62153 201

#### Applications

For meter assembly and meter blocking.

Type	Length mm	62153	...
Gripping pliers	180		201
Snipe nose pliers	220		202



62153 201



62153 202

## 62152

## Universal crimping pliers

#### Design

- With precise radial closing movement  
- Precision achieved with special profile geometries  
- With mounting device for **Clip & Strip cutting and stripping system**  
- Integrated, releasable forced lock to secure the complete crimp  
- Ergonomically formed soft handles with non-slip protection  
- Optimum power transmission for reduced manual force  
- Completely manufactured from high-strength special steel, highly stressed parts are specially tempered.

#### Note:

The **Clip & Strip cutting and stripping unit** can also be inserted into the handle without tools.

### 62152 101

#### Applications

Insulated DIN cable lugs, pin-type cable lugs, flat connectors, flat plug-in sleeves, round connectors, round connector sleeves, butt and parallel connectors.

### 62152 102

#### Applications

Non-insulated spade connectors and flat plug-in sleeves for DIN plug widths F 2.8 / F 4.8 / F 6.3 / F 9.5 as well as various other electronic contacts.



62152 101



62152 102



Stripping and cutting system  
**Clip & Strip** for cutting  
and stripping cables

For cable crosssections mm <sup>2</sup>	Application range AWG	62152	...
0.50 - 6.0	20 - 10		101
0.25 - 6.0	24 - 14		102

62157

## Crimping tool

**Klauke®**

62157 100

Type K306K

For wire end ferrules and twin wire end ferrules

### Design

- One crimping profile for all cross-sections from 0.08–16 mm<sup>2</sup> through automatic cross-section adjustment
- With locking mechanism for even, controlled crimping results
- Hexagon crimping
- Lateral sleeve insertion (side crimping)
- Positioner for small wire end ferrules
- Handles with non-slip protection and label section

62157 102

Type K82A

For insulated cable connections

### Design

- Less effort required thanks to new lever mechanism
- Precise pre-tension adjustment to maintain consistent crimping performance
- Three-component handle, yellow (hard core for power transmission), blue (soft ergonomic grip), grey (soft non-slip protection)
- Easy handling thanks to reduced opening width of the tool
- Palm and fingers are placed in a joint-friendly position for optimum ergonomics
- Wire and insulation compression is performed in a single work step

62157 103

Type K507

With replaceable inserts

### Design

- With locking mechanism for even, controlled crimping results
- Adjusting shim to compensate for natural tool wear
- Fast, tool-free crimping insert replacement without need to re-adjust thanks to special securing system
- Additional crimping inserts integrated in handle

### Scope of delivery:

- Crimping insert for insulated connectors 0.5–6 mm<sup>2</sup>
- Crimping insert for wire end ferrules AE 50, 0.14–10 mm<sup>2</sup>
- Crimping insert for crimp-on cable lugs 0.5–10 mm<sup>2</sup>

62157 100



62157 102



62157 103



Crimping range mm <sup>2</sup>	Length mm	Weight approx. kg	62157	...
0.08 - 16	215	0.5		100
0.5 - 6	225	0.5		102
0.5 - 10	220	0.6		103

62158

## Multicrimp crimping tool with quick-change system

**HHW**

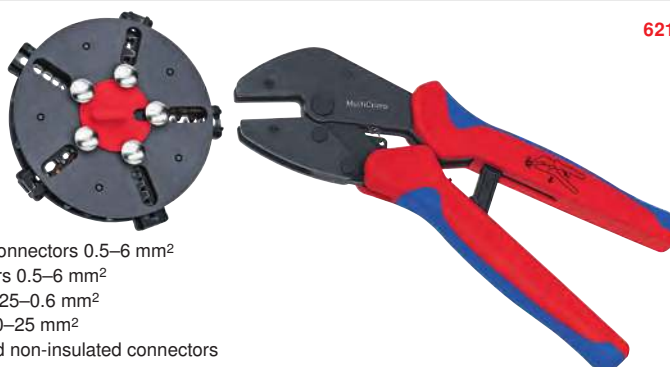
### Design

- 5 parts
- With interchangeable crimp dies in magazine
- Patented storage and replacement system
- With practical belt clip
- Simple die change without additional tools
- Optimum lever ratios ensure less manual force required
- Releasable forced lock for reliable, solderless electrical crimp connections
- High operating comfort due to ergonomically designed two-component handles

### Contents:

- For non-insulated flat connectors 0.5–6 mm<sup>2</sup>
- For insulated connectors 0.5–6 mm<sup>2</sup>
- For wire end ferrules 0.25–0.6 mm<sup>2</sup>
- For wire end ferrules 10–25 mm<sup>2</sup>
- For butt connectors and non-insulated connectors 0.5–10 mm<sup>2</sup>

62158



0.5-6.0 mm<sup>2</sup>



0.5-6.0 mm<sup>2</sup>



0.25-6.0 mm<sup>2</sup>



10/16/25 mm<sup>2</sup>



0.5-10 mm<sup>2</sup>

Length mm	weight g	62158	...
315	850		101



KNIPEX

**Design**

- Square crimp profile, large capacity range of 0.14 to 16 mm<sup>2</sup>
- **Crimp insert can be rotated 360°** with 8 positive lock positions
- **Self-adjusting** to the desired wire end ferrule size: avoids failed crimps due to use of incorrect crimp insert or incorrect setting
- Narrow head for optimum accessibility
- Chrome-plated pliers
- With multi-component grip covers
- Consistently high crimping quality thanks to forced lock function (can be released)

- Jointed lever mechanism for favourable force transmission ratios
- Crimping pressure is set precisely (calibrated) at factory, adjustable
- Lightweight, manageable design for comfort and ease of use

**Applications**

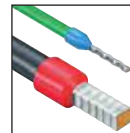
For crimping wire end ferrules in accordance with DIN 46228 parts 1 + 4. Possible to crimp twin wire end ferrules up to 2 x 6 mm<sup>2</sup>.

**Quality**

**Special grade chromium-vanadium electric steel, oil-hardened.**

**NEW**

62741



360° rotating crimping head  
Provides the best access even under cramped conditions



Twin wire end ferrules up to 2 x 6 mm<sup>2</sup> can be crimped without conversion

**Uniquely flexible:**

Connectors can be inserted into the rotating crimping head from almost any position



Application range mm <sup>2</sup>	Application range AWG	Number of recesses	Length mm	62741	...
0.14 - 16	26 - 5	1	200		101



62159

## Manual crimping pliers (crimping lever pliers)



### Design

Lever system with releasable forced lock function.  
Ergonomically shaped plastic handles for effortless work. Adjustable crimping pressure.

### Applications

For crimp connections in accordance with DIN standards.

### Quality

Tempered special steel.

62159 101

For non-insulated flat connectors.

62159 102

For non-insulated flat connectors. Roll crimp.

62159 103

For insulated cable lugs and plug-in connectors.  
Oval crimp, double crimp.

62159



Application range mm <sup>2</sup>	Application range AWG	Number of crimping positions	Length mm	62159	...
0.3 - 2.5	24 - 14	2	200		101
0.5 - 6.0	22 - 10	3	230		102
0.5 - 6.0	22 - 10	3	230		103

62160

## Crimping lever pliers



### Design

- Bronzed
- Two-component handles for a secure grip
- Narrow grip width enables high crimping force due to optimum force transmission ratios
- Guarantees solderless electrical connections
- With forced lock function for reliable crimping (can be released)
- Compact and lightweight design

62160 203

For non-insulated plug connectors.  
Mandrel crimping.

62160 205

For non-insulated flat connectors. F-crimping.

62160 206

For insulated plug-in connectors. Oval crimp.

62160 106

For insulated cable lugs and plug-in connectors.  
Oval crimp, double crimp.

62160 208

For wire end ferrules. Trapezoidal crimp.

62160 210

For coaxial connectors. Hexagon crimping.

62160



Application range mm <sup>2</sup>	Number of crimping positions	62160	...
0.5 - 10.0	4		203
0.50 - 6.0	3		205
0.50 - 6.0	3		206

Application range mm <sup>2</sup>	Number of crimping positions	62160	...
0.50 - 6.0	3		106
0.25 - 6.0	5		208
RG 58. 59. 62. 71	3		210

## Info

### 62160 - Crimping lever pliers

art. no.	Application range	Profile	Connector	Capacity mm <sup>2</sup>	AWG	Length mm	Weight g
62160 203	non-insulated connectors			0.5 - 1.0 / 1.5 - 2.5 4.0 - 6.0 10	20 - 7	215	490
62160 205	non-insulated flat connectors			0.5 - 1.0 1.5 - 2.5 4.0 - 6.0	20 - 10	215	490
62160 206	insulated connectors			0.5 - 1.0 1.5 - 2.5 4.0 - 6.0	20 - 10	215	490
62160 106	insulated connectors			0.5 - 1.0 1.5 - 2.5 4.0 - 6.0	20 - 10	250	550
62160 208	wire end ferrules			0.25 - 0.75 / 1.0 - 1.5 2.5 / 4.0 6.0	23 - 10	215	490
62160 210	coaxial connectors			Size 5.4 SW 6.48 SW 1.72	RG 58 / 59 / 62 / 71	215	490

62163

## Crimping tool (crimping pliers)



## Design

- Automatic crimping pliers
- Self-adjusting to the desired wire end ferrules
- Sleeve is inserted into the tool from the side, for the simplest operation
- Slim design
- Uniform crimping of sleeves
- Square crimp
- Made in Germany



62163

Application range mm <sup>2</sup>	Application range AWG	Length mm	62163	...
0.08 - 16.0	28 - 7	180		102

0.08-16 mm<sup>2</sup>

62164

## Crimping tool



## Design

- Automatic crimping pliers
- Self-adjusting to the desired wire end ferrules
- Sleeve is inserted into the tool from the side, for the simplest operation
- Slim design
- Uniform crimping of sleeves
- Hex crimp
- Made in Germany



62164

Application range mm <sup>2</sup>	Application range AWG	Length mm	62164	...
0.08 - 10.0	28 - 9	180		102

0.08-10 mm<sup>2</sup>

62740

## crimping tools



## Design

- Lever system with releasable forced lock
- Ergonomically designed plastic handles for fatigue-free work
- Adjustable crimping pressure

62740 101-102

## Applications

For insulated and non-insulated wire end ferrules.  
Trapezoidal crimping

62740 106

## Applications

For insulated cable lugs and connectors.



62740 101-102



62740 106

Application range mm <sup>2</sup>	Length mm	62740	...
0.5 - 6.0	205		101
6.0 - 16.0	205		102
0.5 - 6.0	235		106

62161

## Wire end ferrule assortments



## Design

- Handy, transparent shaker
- Rotating lid with opening for removing individual wire end ferrules
- Made in Germany

## 62161 201-203

- Contains **insulated wire end ferrules** according to DIN colour code

## 62161 204-205

- Contains **insulated twin wire end ferrules** according to DIN colour code

## 62161 206-207

- Contains **non-insulated wire end ferrules**

NEW

62161 201



- 30 pieces, blue, 0.25 mm²
- 30 pieces, turquoise, 0.34 mm²
- 30 pieces, white, 0.50 mm²
- 30 pieces, black, 0.75 mm²
- 30 pieces, red, 1.0 mm²

62161 202



- 50 pieces, white, 0.5 mm²
- 100 pieces, grey, 0.75 mm²
- 100 pieces, red, 1.0 mm²
- 100 pieces, black, 1.5 mm²
- 50 pieces, blue, 2.5 mm²

62161 203



- 50 pieces, grey, 4 mm²
- 20 pieces, yellow, 6 mm²
- 20 pieces, red, 10 mm²
- 10 pieces, blue, 16 mm²

62161 204



- 50 pieces, grey, 2 x 0.75 mm²
- 50 pieces, red, 2 x 1.0 mm²
- 50 pieces, black, 2 x 1.5 mm²
- 50 pieces, blue, 2 x 2.5 mm²

62161 205



- 20 pieces, grey, 2 x 4 mm²
- 10 pieces, yellow, 2 x 6 mm²
- 10 pieces, red, 2 x 10 mm²
- 5 pieces, blue, 2 x 16 mm²

62161 206



- 500 pieces, 0.5 mm²
- 500 pieces, 0.75 mm²
- 400 pieces, 1.0 mm²
- 300 pieces, 1.5 mm²
- 200 pieces, 2.5 mm²

62161 207



- 150 pieces, 4 mm²
- 75 pieces, 6 mm²
- 75 pieces, 10 mm²
- 50 pieces, 16 mm²

Application range mm²	Contents pieces	Design	62161	...
0.25 - 1.0	150	in shaker		201
0.5 - 2.5	400	in shaker		202
4.0 - 16.0	100	in shaker		203
0.75 - 2.5	200	in shaker		204
4.0 - 16.0	45	in shaker		205
0.5 - 2.5	1900	in shaker		206
4.0 - 16.0	350	in shaker		207

62162

## Wire end ferrule assortment

## Design

- Wire end ferrule assortment according to DIN standards

## Assortment box, comprising:

- 500 pieces each: 1.0/14, 1.5/14
- 250 pieces each: 0.5/14, 0.75/14, 2.5/14, 4.0/17
- 100 pieces 6.0/20
- 50 pieces each: 10.0/22, 16.0/24

62162

Application range mm²	Dimensions mm	Design	Weight g	62162	...
0.5 - 16.0	355 x 230 x 50	in multi-purpose plastic case	1200		101



62760

## Wire end ferrule assortment

ATORN®

## Assortment box consisting of:

- Wire stripping pliers, art. no. 62126
- Crimping pliers, art. no. 62740 101
- Wire end ferrules, 500 each of: 0.5/0.75/1.0/1.5 + 2.5
- 250 each of: 4.0 + 6.0 mm²

62760

Application range mm²	Dimensions mm	Weight g	62760	...
0.5 - 6.0	340 x 250 x 50	1660		101



## 62165

## Cable lug assortment

## Design

- Insulated ring, pin, eyelet-type cable lugs and cable connectors in accordance with DIN

## Contents:

- 12 types, each 50 pieces

62165



Application range mm <sup>2</sup>	Version	62165	...
0.5 - 6.0	in multi-purpose plastic case	101	

## 62167

## Wire end ferrule assortment box



## Assortment box consisting of:

- Self-adjusting wire stripping pliers 0.3–10.0 mm<sup>2</sup>
- Manual crimping pliers for wire end ferrules 0.08–16.0 mm<sup>2</sup>
- Insulated and non-insulated wire end ferrules 0.25/0.5/0.75/1.0/1.5/2.5/4.0/6.0/10.0 mm<sup>2</sup>

## Applications

- For stripping and crimping up to 16 mm<sup>2</sup>.
- For insulated and non-insulated wire end ferrules.
- A universal tool for the professional.

62167



62167	...
301	

## 62143

## Cable processing set QUADRO Plus



## Design

- Exemplary integration of four functions in one stripping and crimping tool
- The perfect synthesis of ergonomics and functionality
- Forced lock triggers when the crimping punch reaches the end position
- A high level of force transmission allows very easy crimping of wire end ferrules
- Precise longitudinal stop for even stripping
- Twisting system prevents the strands from fanning out and therefore ensures the wire is inserted reliably into the wire end ferrule
- Rapid magazine change
- Significant cost and time saving when wiring switch cabinets
- Integrated forced lock ensures a consistent, high-quality crimp
- Four functions for fast work: cutting - stripping - twisting - crimping
- Strips can be reloaded in just a few seconds with a simple magazine change, allowing efficient working
- Working range of 0.5–2.5 mm<sup>2</sup>

- Adjusting to the conductor cross-section is not necessary
- Built-in side cutters for wire up to max. 2.5 mm<sup>2</sup>
- Crimping of wire end ferrules on strips from 0.5 to 2.5 mm<sup>2</sup> (AWG 20–14) in accordance with VDE 0609 part 1
- Suitable for wire with PVC insulation
- Applications in the electrical industry, electronic service, panel installation

## Scope of delivery:

- 1 Jokari QUADRO Plus
- 240 wire end ferrules: 50 each of 0.5 mm<sup>2</sup>, 0.75 mm<sup>2</sup>, 1.0 mm<sup>2</sup>, 1.5 mm<sup>2</sup>, 40 pieces 2.5 mm<sup>2</sup>
- 3 wire end ferrule magazines

## 62143 102-106

## Wire end ferrules

## Applications

For QUADRO Plus, art. no. 62143 101.



62143 101

62143 102



62143 103



62143 104



62143 105



62143 106



Working range mm <sup>2</sup>	Set 62143	...
0.5 - 2.5	101	

Cross section mm <sup>2</sup>	Contents pieces	Wire end ferrules 62143	...
0.5	500 (10 strips of 50 pieces)	102	
0.75	500 (10 strips of 50 pieces)	103	
1.0	500 (10 strips of 50 pieces)	104	
1.5	500 (10 strips of 50 pieces)	105	
2.5	400 (10 strips of 40 pieces)	106	



62745

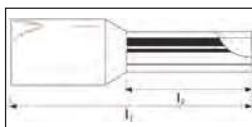
## Crimp assortments for wire end ferrules/cable connectors

KNIPEX

## Design

- In TANOS MINI systainer® (strong plastic box)
- T-Loc closure for one-handed operation: open or close the systainer® with one turn and connect it to another systainer®
- Opening when connected: Quick and easy access to the contents without disconnecting
- Two stackable plastic inserts, each with six recesses for connectors

## Wire end ferrules



NEW

Set contents 62745 101		l <sub>1</sub> mm	l <sub>2</sub> mm	
1	Crimping tool for wire end ferrules			Length 180 mm
200 each	wire end ferrules with plastic collar	14	8	0.5/0.75/1.0/1.5 mm <sup>2</sup>
150	wire end ferrules with plastic collar	14	8	2.5 mm <sup>2</sup>
75	wire end ferrules with plastic collar	17	10	4 mm <sup>2</sup>
75	wire end ferrules with plastic collar	20	12	6 mm <sup>2</sup>
50	wire end ferrules with plastic collar	22	12	10 mm <sup>2</sup>
40	wire end ferrules with plastic collar	24	12	16 mm <sup>2</sup>



62745 101

Set contents 62745 102		l <sub>1</sub> mm	l <sub>2</sub> mm	
1	Crimping tool for wire end ferrules Self-adjusting, with lateral guide			Length 180 mm
200 each	wire end ferrules with plastic collar	14	8	0.5 / 0.75 / 1.0 / 1.5 / 2.5 mm <sup>2</sup>
100	wire end ferrules with plastic collar	17	10	4 mm <sup>2</sup>
100	wire end ferrules with plastic collar	20	12	6 mm <sup>2</sup>
50	wire end ferrules with plastic collar	22	12	10 mm <sup>2</sup>



62745 102

Set contents 62745 103		l <sub>1</sub> mm	l <sub>2</sub> mm	
1	crimping tool Twistor16 for wire end ferrules Self-adjusting			Length 180 mm
200 each	wire end ferrules with plastic collar	14	8	0.5/0.75/1.0/1.5 mm <sup>2</sup>
150	wire end ferrules with plastic collar	14	8	2.5 mm <sup>2</sup>
75	wire end ferrules with plastic collar	17	10	4 mm <sup>2</sup>
75	wire end ferrules with plastic collar	20	12	6 mm <sup>2</sup>
50	wire end ferrules with plastic collar	22	12	10 mm <sup>2</sup>
40	wire end ferrules with plastic collar	24	12	16 mm <sup>2</sup>



62745 103

Set contents 62745 104		l <sub>1</sub> mm	l <sub>2</sub> mm	
1	Crimping tool for wire end ferrules Self-adjusting, with front insertion			Length 190 mm
1	automatic wire stripping pliers MultiStrip 10			Length 195 mm
200 each	wire end ferrules with plastic collar	14	8	0.5 / 0.75 / 1.0 / 1.5 / 2.5 mm <sup>2</sup>
100	wire end ferrules with plastic collar	17	10	4 mm <sup>2</sup>
100	wire end ferrules with plastic collar	20	12	6 mm <sup>2</sup>
50	wire end ferrules with plastic collar	22	12	10 mm <sup>2</sup>



62745 104

Set contents 62745 105			
1	PreciForce® crimping tool		length 220 mm
25 each	flat plug-in sleeves 6.3 x 0.8 mm		0.5 - 1.0 mm <sup>2</sup> / 1.5-2.5 mm <sup>2</sup>
25 each	cable lugs, ring-shaped, Ø 4 mm		0.5 - 1.0 mm <sup>2</sup> / 1.5 - 2.5 mm <sup>2</sup>
25 each	cable lugs, ring-shaped, Ø 5 mm		0.5 - 1.0 mm <sup>2</sup> / 1.5 - 2.5 mm <sup>2</sup>
25 each	cable lugs, ring-shaped, Ø 6 mm		1.5 - 2.5 mm <sup>2</sup> / 4 - 6 mm <sup>2</sup>
25	Cable lugs, ring-shaped, Ø 8 mm		4 - 6 mm <sup>2</sup>
25	Butt connectors, insulated, red		0.5 - 1.0 mm <sup>2</sup>
25	Butt connectors, insulated, blue		1.5 - 2.5 mm <sup>2</sup>
25	Butt connectors, insulated, yellow		4 - 6 mm <sup>2</sup>



62745 105

Set	Application	62745	...
1	For wire end ferrules		101
2	For wire end ferrules		102
3	For wire end ferrules		103
4	For wire end ferrules		104
5	For cable connectors		105

62166

## Heat shrink tubing kits

HellermannTyton

## Design

- Operating temperature 55° to 135°
- Shrink temperature above 120°
- Made from polyolefin
- Irradiated
- Self-extinguishing
- The refillable case is the ideal tool for assembly
- Set of universal heat shrink tubing, sorted by size and colour

62166 101



62166 102



Type	Contents Pieces	Version	62166	...
Basic set	220	in case		101
Universal set	975	in case		102

62180

## LED pocket torch

ATORN®

## Design

- Anodised aluminium housing with LED
- Power supply: Battery
- Scope of delivery includes 1 x AAA battery

## Note:

Replacement batteries, see art. no. 39900 304.



62180



Luminous flux lm (lumens)	Light duration hrs.	Beam range m	Length x Ø mm	Suitable batteries	62180	...
55	1.5	35	91 x 18	1 x AAA		201

62183

## LED pen light

ATORN®

62183 101

## Design

- LED pocket torch made of aluminium with clip
- The lamp can be switched on and off using a rubberised push button on the end of the lamp
- Delivery includes 2 x AAA batteries

## Note:

Replacement batteries, see art. no. 39900 304.

62183 102

## Design

- LED pocket torch made of aluminium with clip
- The three light modes (high, medium, low) can be changed using a push button on the end of the lamp
- There is a powerful retaining magnet on the switch
- The micro USB connector is protected with a cover and sealed with a rubber gasket
- Small LED charge level indicator
- Charging time 1.5 hrs

## Scope of delivery:

- USB charging cable
- Battery 3.7 V, 320 mAh, 10440 Li-ion

62183 101



62183 102



Micro USB charging (62183 102)

Luminous flux lm (lumens)	LED number	Light duration hrs.	Beam range m.	Length approx. mm	Suitable batteries	Weight (with batteries) g	62183	...
100	1	2.3	30	140	2 x AAA	66		101
110	1	16	35	126	-	56		102

62193

## LED Meisterlampe 3

## Design

- Small and handy
- Always in your breast pocket
- 6 powerful LEDs
- Rotating clip
- Pen-shaped with pocket clip
- Delivery includes 3 x AAA batteries

## Applications

Ideal for illuminating surfaces when accepting orders and performing inspections.

62193



Luminous flux lm (lumens)	LED number	Light duration hrs.	Length approx. mm	Suitable batteries	62193	...
60	6	8	160	3 x AAA		101

## Inspection lamps

62197

### LED rechargeable inspection lamp with UV light and USB charging function

**ATORN®**

#### Inspection lamp 220RUV

##### Design

- Switch:

1. UV light
2. Main light 100%
3. Main light 30 %
4. Off

- Rugged and splash-proof plastic housing

Fastening options:

- Robust retaining clip on the rear with integrated retaining magnet
- Ball joint (+/- 45° tilt, can be rotated through 360°) with strong retaining magnet on the bottom

- Li-ion battery pack, 3.7 V, 1100 mAh
- Battery status indicator
- Can be charged via 5-V micro USB socket

##### Scope of delivery:

- 1x light
  - 1x micro USB charging cable 1.0 m
- (Can optionally be charged via USB AC & DC charging power supply, not included in scope of delivery)

**NEW**



62197

Main light lm (lumens)*	Main light eff. light duration approx. hrs.	Additional light eff. light duration approx. hrs.	Charging time approx. hrs.	Lamp degree of protection	Impact resistance (EN62262)	Dimensions mm	Weight g	62197	...
220	2.5	6.0	3.0	IP54	IK07	170 x 25 x 21	75		101

\*LED technology lumens at 0.5 m distance

62194

### LED inspection lamp

**ATORN®**

#### 62194 101

##### Design

- LED lamp made of ABS (housing) and polycarbonate (lens)
- With magnetic pocket clip
- Delivery includes 3 x AAA batteries

##### Note:

Replacement batteries, see art. no. 39900 304.

#### 62194 102

##### Design

- **Rechargeable** inspection lamp made of ABS plastic
- Two lights (on head and side) that can be switched on and off via a pressure switch
- Light modes can only be activated separately
- Magnetic retaining clip on the reverse
- The clip can be rotated 90° and locked at 45° intervals
- The micro USB contact is closed with a cover
- The charge level is indicated by a small LED

##### Scope of delivery:

- USB charging cable
- 3.7 V battery, 2 x rechargeable 800 mAh
- 14500 Li-ion



62194 101



62194 102

Luminous flux lm (lumens)	LED number	Length approx. mm	Suitable batteries	62194	...
150	1	158	3 x AAA		101
150	2	185	-		102

## 62168

## LED pin/rubber lamp

**Note:**

Replacement batteries, see art. no. 39900.

**62168 401****LED pen light**

- Metal housing
- Push-button switch
- Ultra-bright LED light
- Housing with clip
- Extremely low energy consumption
- **Scope of delivery includes batteries**

**Applications**

Practical diagnostic light.

**62168 100****Rubber LED lamp**

- 1-watt, 120-lumen LED pocket torch made of durable hard rubber
- With practical strap as a mounting option
- **Scope of delivery includes batteries**
- Colour: black

62168 401



62168 100



Length mm	Suitable batteries	Weight g	62168	...
140	2 x AAA (LR3)	38		401
175	2 x AA (LR6)	165		100

## 62169 - 62170

## Maglite pocket torches

**Note:**

For batteries see art. no. 39900.

**62169****Design**

- Very high light output
- Housing precision-machined from high-strength aerospace aluminium
- Housing internally and externally anodised for maximum reliability and protection against corrosion
- O-rings provide protection against splash water
- Incl. spare bulb in the sealing cap

**62169 201-202**

- Batteries **included** in the scope of delivery

**62169 204**

- Batteries **not** included in the scope of delivery

**62170 101**

**LED version** of the Mini Maglite **incl.** batteries

**62170 102-103**

**LED version** for 2/D or 3/D pen light up to 10,000-hour lifetime, **without** batteries

**62170 201****Mini Maglite Pro LED****Design**

- The perfect combination of classic simplicity and high LED light output
- The ideal pocket torch for everyday
- Splash-resistant precision housing machined from high-strength aerospace aluminium
- Incl. nylon holster
- Scope of delivery **includes** batteries

**62170 202****Maglite XL50 LED****Design**

- Practical LED pocket torch with the latest MAG-LED® technology
- QuickClick™ with 3 light modes for a variety of applications:
  - 100% power
  - 25 % power
  - Emergency strobe
- Splash-resistant precision housing machined from high-strength aerospace aluminium
- Scope of delivery includes batteries

**62170 301****Maglite ML300L****Design**

- LED pocket torch for all applications
- Perfectly suited for professional, security and hobby use
- 5 light modes
- 4 switching combinations can be selected
- Up to 117 hours of battery life
- Splash-resistant precision housing machined from high-strength aerospace aluminium
- Batteries not included in the scope of delivery

**62170 401****Maglite ML150LR****Design**

- **Rechargeable** LED pocket torch with **1082 lm** light output
- 5 light modes
- 4 switching combinations can be selected
- Up to 79 hours of battery life
- Splash-resistant precision housing machined from high-strength aerospace aluminium
- Incl. LiFePO4 battery and charging cradle
- Full charge in approximately 2.5 hours
- Up to 2000 charge cycles

62169 202



62169 204



62170 101



62170 102



62170 103



62170 201



62170 202



62170 301



62170 401



Type	Length mm	Luminous flux lm (lumens)	Suitable batteries	Weight (with batteries) g	Halogen 62169	...	LED 62170	...	LED 62170	...	LED 62170	...	LED 62170	...
Micro-Mag	127	9	2 x AAA	49		201								
Mini-Maglite	146	14	2 x AA	107		202								
Mini-Maglite LED	168	97	2 x AA	118				101						
2/D	254	168	2 x C	652				102						
3/D	314	45	3 x D	856		204								
3/D LED	314	168	3 x D	850				103						
Mini-Maglite Pro LED	168	272	2 x AA	118						201 NEW				
Maglite XL 50	122	200	3 x AAA	104						202 NEW				
Maglite ML300L	298	625	3 x D	748								301 NEW		
Maglite ML150LR	271	1082	1 x LiFePO4 battery	439										401 NEW



## Pocket torches

62175

### Pocket torches (explosion-proof)



**PARAT**

**Note:**

Replacement batteries, see art. no. 39900.

**62175 103**

**PARALUX® PX2**

**Design**

- Safety lamp **ATEX certified for zone 1**
- 100% waterproof and dustproof
- Made of non-conductive plastic
- Handy ball-point pen style safety light
- Ideal as inspection lamp that can be stowed in a shirt or jacket pocket
- Rubberised rear switch for one-handed operation
- Tested and certified
- With AAA batteries
- Colour: flame-yellow

**62175 203-204**

**Design**

- 100% waterproof and dustproof
- Rubberised rear switch for one-handed operation
- Rubberised lamp head
- With 4x AA batteries

**Applications**

Suitable for nearly all helmet brackets.

**62175 203**

**PARALUX® PX1**

**Design**

- Polycarbonate (non-conductive)
- **ATEX certified for zone 1**
- Colour: flame-yellow

**62175 204**

**PARALUX® PX0**

**Design**

- XAG-housing (high-impedance conductive plastic)
- **ATEX certified for zone 0**
- Colour: red



**62175 103**



**62175 203**



**62175 204**

Type	Luminous flux approx. lm (lumens)	Beam range approx. m	Length mm	Bulb type	Suitable batteries	Illumination time (at 10°C) hrs.	Weight (with batteries) g	62175	...
PARALUX® PX 2	30	35	142	1W CREE LED	2 x AAA	10	40		<b>103</b>
PARALUX® PX 1	120	150	167	3W CREE LED	4 x AA	15 - 50	180		<b>203</b>
PARALUX® PX 0 (conductive)	120	150	167	3W CREE LED	4 x AA	15 - 50	180		<b>204</b>

**62175 300+400****Design**

- Space-saving and powerful in hazardous areas
- The brightest and narrowest safety-tested pen lamp
- Switch at the lamp end for full/momentary illumination
- Scope of delivery **includes** 2 batteries

**62175 300****1975 Z1****Design**

- ABS housing
- Beam range: 22 m
- **ATEX standard ZONE 1**

**62175 400****1975 Z0****Design**

- Anti-static PC/PBT (housing) and polycarbonate (screw-on lens)
- Beam range: 24 m
- **ATEX standard ZONE 0**

**62175 401****MityLite™ 1965 Z0****Design**

- Anti-static PC/PBT (housing) and polycarbonate (screw-on lens)
- 1x 0.5-watt LED
- Beam range: 41 m
- Watertight (IPX7)
- **ATEX standard ZONE 0**
- Supplied with 2 batteries

**62175 404****3315 Z0****Design**

- The new 3315 Z0 LED lamp:  
Compact, lightweight and with enormously powerful LED
- Watertight (IP67)
  - Beam range 146 m
  - **ATEX standard ZONE 0**
  - Anti-static, impact-modified PC/PBT housing and polycarbonate screw-on lens
  - Supplied with hand strap and 3 batteries

**62175 405****3415 MZ0****Design**

- 3 modes: Spot light, floodlight or both
- Can be operated with one or both LEDs
- Pivoting head
- Attached clip with integrated magnet for hands-free operation
- Beam range: 133 m
- Dust-protected and watertight: IPX8 (to 1 m)
- **ATEX standard ZONE 0**
- Anti-static PC/PBT (housing) and polycarbonate (screw-on lens)
- Supplied with hand strap

**62175 402****HeadsUp Lite™ 2690 Z0****Design**

- Anti-static, impact-modified PC/PBT housing
- Beam range: 92 m
- Watertight (IPX7)
- **ATEX standard ZONE 0**
- Supplied with rubber headband and 3 batteries

**62175 403****2765 Z0****Design**

- Compact LED head lamp
- 4 light modes (High, Low, Downcast, Flashing) to operate the 3 LEDs
- Battery charging status display
- IP54
- Beam range: 78 m
- **ATEX standard ZONE 0**
- Supplied with rubber and fabric strap plus 3 batteries

**62175 406****3765 Z0****Design**

- Rechargeable 90° lamp has a safety clip for hands-free use
- ABS housing and polycarbonate screw-on lens
- The attached battery compartment cover allows for a quick battery change
- 4-mode button for battery charging status
- Splash-proof, IPX4
- Beam range: 256 m
- **ATEX standard ZONE 0**
- Supplied with charging station and battery

**62175 300****62175 400****62175 401****62175 404****62175 405**

- With movable head (art. no. 62175 405)

**62175 402****62175 403****62175 406**

Type	Length mm	Luminous flux lm (lumens)	Beam range m	Suitable batteries	Illumination time (at 10 °C) hrs.	62175	...
1975 Z1	146	94	22	2 x AAA	8.25		300 NEW
1975 Z0	146	117	24	2 x AAA	2.25		400 NEW
MityLite™ 1965 Z0	139	87	41	2 x AAA	2.5		401
3315 Z0	156	138	146	3 x AA	19		404 NEW
3415 MZ0	189	329	133	3 x AA	6 - 15		405 NEW
HeadsUp Lite™ 2690 Z0	71	74	92	3 x AAA	11		402
2765 Z0	57	141	78	3 x AAA	5 - 14		403 NEW
3765 Z0	136	194	256	1 x NiMH	3.5 - 20		406 NEW

62190

## Battery-powered LED pocket torch

IP  
X6

**ATORN®**

### Design

- 4 modes of operation: High power, low power, flash, SOS
- Battery life 4 hours, illumination then reduces by up to 10% in the high power operating mode
- LED lamp (LED CREE 1 W)
- **Electrical protection IP X6 (protected against high pressure water jets)**, in accordance with standard IEC 60529 section 14.2.6

### Scope of delivery:

- LED pocket torch
- 1 x Li-ion battery
- Car charger
- Mains charger
- Hand strap



62190



Luminous flux lm (lumens)	LED number	LED watts	Length (retracted) mm	Length (extended) mm	Weight (without battery) g	62190	...
135	1	1	150	157	156		201

62196

## LED inspection lamps with UV light



IP  
54

**ATORN®**

### Design

- 2 LEDs controlled separately using 2 switches (blue and red)
- With rotating head
- The end of the lamp contains a strong magnet

### Black switch:

- The black switch activates the CRI 95 LED with true-colour light
- The artificially generated, warm daylight is particularly suited to illuminating colours in the most realistic way.
- Conventional lamps usually have an LED with a cold, bluish light which changes the colour perception

### Blue switch:

- The blue switch activates the UV LED
- The 395 nm black light is particularly suited to finding scratches, dirt particles and oil leaks

### Note:

Replacement batteries, see art. no. 39900.

62196 101

### Design

- With shirt clip
- Supplied with 1x AA battery

62196 102

### Design

- 3 light modes (Low, Medium, High)
- Delivery includes 3 x AAA batteries

NEW

62196 101



62196 102



Detecting oil leaks



Magnet on end of lamp



Rotating head

Luminous flux lm (lumens)	LED number	Light duration approx. hrs.	Beam range m	Length approx. mm	Suitable batteries	Weight g	62196	...
90	2	1.33	24.5	112	1 x AA	82		101
200	2	20	55	149	3 x AAA	160		102

62191

## LED pocket torch LED LENSER P7.2

IP  
X3

**LED LENSER®**

### Design

- The P7.2 is equipped with **Advanced Focus System** lenses and the newly developed **Speed Focus** mechanism
- You can select from a stage-like, circular spotlight or a sharply focused light up to 260 metres in width
- Water resistant to IPX3
- The modular lamp features a **dynamic switch** that allows 3 different brightness levels
- Up to 50 hours of light (in power-saving mode)

### Scope of delivery:

- LED pocket torch
- 4 batteries (AAA)
- Hand strap
- Nylon belt pouch
- In cardboard box

### Note:

Replacement batteries, see art. no. 39900.



62191



Luminous flux lm (lumens)	LED number	Length mm	Batteries	Weight (with batteries) g	62191	...
320	1	130	4 x AAA	175		101

## LED LENSER®

The LED LENSER i-series is designed specifically for the needs of industry and trade.

### 62189 101

#### LED LENSER i6

##### Design

- Powerful, high-end LED and speed focus lens for concentrated light over large areas or a large, uniform circle of light for optimum illumination of the working area
- With dynamic sensor switch and two switchable lighting levels
- With clip for shirt/coat pocket and belt pouch

### 62189 102

#### LED LENSER i6R

##### Design

- **Rechargeable** pen lamp
- Robust metal housing
- High-end power LED
- Advanced Focus System
- Quickly switch to high-power or low-power modes using the end cap switch
- Charging time of only 3 hours
- With charging station

### 62189 103

#### LED LENSER i2

##### Design

- Small LED lamp with a big performance
- Small and compact with a light output that puts any conventional pocket torch in the shade
- With speed focus lens for concentrated light over large areas or a large, uniform circle of light for optimum illumination of the working area

### 62189 104

##### Design

#### LED LENSER i7

- The professional torch for anyone who really needs light
- With powerful, high-end LED and speed focus lens for concentrated light over large areas or a large, uniform circle of light for optimum illumination of the working area
- With dynamic sensor switch and two switchable lighting levels
- With belt pouch

### 62189 105

#### LED LENSER i7R

##### Design

- As per art. no. 62189 104, but **rechargeable**
- With charging station and USB cable for connecting to a PC/laptop

### 62189 107

#### LED LENSER i9

##### Design

- When handling water or oil, you can very quickly lose your grip. The LED Lenser i9 industrial pocket torch provides optimal light even in complex situations and maintains a firm grip: The special diamond knurled surface of this compact industrial pocket torch lets you keep a handle on everything. Even with work gloves on, the front switch ensures trouble-free operation. Ideal for anyone who needs to get their hands dirty now and then.

### 62189 108

#### LED LENSER i9R

##### Design

- As per art. no. 62189 107, but **rechargeable**

### 62189 106

#### LED LENSER iSEO3

##### Design

- The LED LENSER iSEO3 is a lightweight headlamp of excellent quality, supporting you with custom Smart Light Technology across the whole construction site. A particularly clever feature is the red reading light for glare-free reading of documents, maps or plans.

IP  
X4

62189 101

IP  
X4

62189 102

IP  
X4

62189 103

IP  
X4

62189 104

IP  
X4

62189 105

IP  
X4

62189 107

IP  
X4

62189 108

IP  
X6

62189 106



Type	Luminous flux lm (lumens)	Light range m	Length mm	LED number	Batteries	Rechargeable battery	Weight (with batteries) g	62189	...
i6	140	120	166	1	3 x AAA	-	75		101
i6R	120	100	170	1	-	3 x AAA	82		102
i2	120	170	102	1	3 x AAA	-	110		103
i7	220	180	130	1	4 x AAA	-	175		104
i7R	220	180	130	1	-	4 x AAA	175		105
i9	400	260	187	1	1 x C	-	330		107
i9R	400	260	187	1	-	1 x C	320		108
iSEO3	100	100	-	2	3 x AAA	-	105		106



62191

## LED headlamp LED LENSER H7.2

IP  
X6

## LED LENSER®

## Design

- For peak brightness: With this LED, the LED LENSER achieves a very high light output
- Light head can be tilted
- **Front switch** - one switch on the light head for one-handed operation
- **Multi-functional switch** - multi-functional switch for quick and easy operation of specific lighting functions
- **Dimmable** - infinite regulation of light level
- **Transportation lock** - prevents accidental activation of the light
- **IPX6** - protection against powerful water jets

## Light functions:

- 1. Power** - high light output for any situation
- 2 applies as the year of use. Low Power** - economical light for long run times, glare-free reading and working
- 3 applies as the year of use. Boost** - brief maximum power for more brightness
- 4 applies as the year of use. Flash** - automatic pulses of light at regular intervals

## Scope of delivery:

- 4x AAA batteries
- Removable headband

- Smart Instruction Card
- Operating instructions

## Note:

Replacement batteries, see art. no. 39900.

62191 102



Luminous flux (lumens) stage 1 / stage 2	Light duration (hrs.) stage 1 / stage 2	LED number	Head Ø mm	Batteries	Weight (with batteries) g	62191	...
250 / 20	5 / 30	1	130	4 x AAA	165		102

62195

## LED headlamps

## ATORN®

62195 101

## Design

- The ABS headlamp has a pressure switch on the light head to switch both lamps on and off
- The battery compartment is located behind the light bulbs
- The headband is interchangeable

## Scope of delivery:

- Two headbands (one made of rubber, the other of fabric)
- 3 x AAA batteries

## Note:

Replacement batteries, see art. no. 39900.

62195 102

## Design

- The rechargeable, aluminium headlamp has a pressure switch on the light head to control the 4 light modes (High, Medium, Low & Strobe)
- Pressing the switch again activates boost mode for up to 10 seconds
- The battery is located on the back of the wearer's head in a rugged ABS housing
- The lamp has been drop tested from 2 m
- Easily removable battery is charged via the included USB charging cable, charging time approx. 4 hrs
- There is also a red signal lamp on the rear that can be used as a continuous or flashing light
- XP-GS Cree LED chip

## Scope of delivery:

- Fixed headband
- USB charging cable

62195 101



62195 102



Luminous flux lm (lumens)	Light duration hrs.	LED number	Batteries/ rechargeable	Weight (with batteries/rechargeable) g	62195	...
100	60	1	3 x AAA	83		101
350	55	1	3.7-V battery 2600 mAh	178		102

62195 102



Rear: additional red signal lamp that can be used as a continuous or flashing light

88001

## Slim LED cordless work lamp with USB charging function

IP  
54

88001

**ATORN®**

## Professional inspection light 600R SLIM

## Design

## - Switch:

1. Auxiliary light
2. Main light 100%
3. Main light 50 %
4. Main light off

- Rugged and splash-proof plastic housing with rubberised grip area

- Lamp head with slim aluminium housing

## Fastening options:

- Ball joint (+/- 45° tilt, 360° rotation) with strong retaining magnet on the bottom
- Hook (can be folded out by 210°, can be rotated using the ball joint)
- Li-ion battery pack, 3.7 V/2,600 mAh
- Battery status indicator
- Residual capacity display:
- Can be charged via 5-V micro USB socket

## Scope of delivery:

- 1x light
- 1x micro USB charging cable 1.5 m
- 1x USB AC charging power supply

(Can optionally be charged via vehicle adapter, not included in scope of delivery)

**NEW**

Main light lm (lumens) *	Auxiliary light lm (lumens) *	Main light eff. light duration approx. hrs.	Auxiliary light eff. Light duration approx. hrs.	Charging duration approx. hrs.	Lamp Degree of protection	Impact resistance (EN62262)	Dimensions mm	Weight g	88001	...
600 / 225	120	2	10	4,0	IP54	IK07	384 x 45 x 41	250		201

\* LED technology lumens at 0.5 m distance

88002

## LED rechargeable workshop lamp with USB charging function

IP  
54

88002

**ATORN®**

## Design

## - Switch:

1. Auxiliary light
2. Main light 100%
3. Main light 50 %
4. off

- Rugged and splash-proof plastic housing with rubberised grip area

- Lamp handle can be rotated 180° and locked in eight positions

- 2x fold-out hooks that can be rotated by 360°

- 2x holding magnets on the rear

- 1x magnet on the underside

- Li-ion battery pack, 3.7 V/2,600 mAh

- Battery status indicator

- Residual capacity display:

- Can be charged via 5-V micro USB socket

- Delivery incl. 1.5 m micro USB charging cable and USB AC charging power supply



Main light lm (lumens) *	Auxiliary light lm (lumens) *	Main light eff. light duration approx. hrs.	Auxiliary light eff. Light duration approx. hrs.	Charging duration approx. hrs.	Lamp Degree of protection	Impact resistance (EN62262)	Dimensions mm	Weight g	88002	...
440 / 280	180	6	9	4,0	IP54	IK07	266 x 48 x 32	340		301

\* LED technology lumens at 0.5 m distance

88003

## LED rechargeable folding lamp with USB charging function

IP  
54

88003

**ATORN®**

## Design

## - Switch:

1. Main light 100%
2. Main light 50 %
3. off

- Rugged and splash-proof plastic housing with rubberised grip area

- Flexible joint can be rotated through 340° and locked in 12 positions

- Pull-out hook that can be rotated 360°

- Belt clip on the underside

- Holding magnet on the underside

- Li-ion battery pack, 3.7 V/1,550 mAh

- Battery status indicator

- Can be charged via 5-V micro USB socket

- Delivery incl. 1.5 m micro USB charging cable and USB AC charging power supply



Main light lm (lumens) *	Auxiliary light eff. light duration approx. hrs.	Main light duration approx. hrs.	Charging duration approx. hrs.	Lamp degree of protection	Impact resistance (EN62262)	Dimensions mm	Weight g	88003	...
220 / 105		10	4.5	IP54	IK07	131 x 66 x 28	183		201

\* LED technology lumens at 0.5 m distance



**SCANGRIP®**  
INNOVATION FROM DENMARK

### Design

- Slim design
- The COB LED light band ensures uniquely powerful and completely uniform illumination, ideal for work lighting

### 88004 101

#### MINIFORM

##### Design

- Ultra-slim pocket work lamp
- Comfortable and ergonomic handle
- Two-stage switch
- Flexible light head can be swivelled up to 180°
- Strong, built-in magnet
- Robust hook for mounting to work belt

### 88004 102

#### UNIFORM

##### Design

- Extremely robust work light
- Waterproof (IP65) for operation in the damp and dirty environment of a workshop
- Intelligent charge level indicator
- Two-stage switch
- Flexible light head can be swivelled up to 180°
- Strong, built-in magnet
- Robust hook for mounting to work belt
- Sleek charging station
- Simple wall mounting

### 88004 103

#### UV-FORM

##### Design

- The most powerful UV lamp on the market
- UV-FORM is a rechargeable LED work light with powerful 1.5-W UV light on top
- Flexible light head can be swivelled up to 180°
- Strong, built-in magnet
- Robust hook for mounting to work belt
- It is a combination of indispensable universal work light and UV detection, eliminating the need for specific UV detection lamps
- UV light is used for leak detection in air conditioning systems with the help of trace elements
- It is also suitable for detecting leaks in larger, complex refrigeration/freezing systems, process cooling systems, heat pumps, etc.

### 88004 104

#### SLIM

##### Design

- The only 3-in-1 compact lamp on the market
- 3-in-1: Inspection light, work light and pocket torch in one lamp
- Ultra-slim and compact design
- Powerful, built-in magnet and hook for flexible positioning

#### Super-slim light

##### for inspection tasks:

The ultra-thin, compact design of only 9 mm in diameter allows inspection of the narrowest, most difficult-to-access spaces.

This makes the SLIM lamp ideally suited for the most demanding and complex inspection tasks.

#### Pocket-sized work light:

The SLIM lamp is equipped with a 100% folding light head. Fully folded, the lamp works like a traditional hand-held work lamp. When folded, the SLIM is merely pocket size - compact and convenient to carry anywhere.

#### Spotlight function:

The powerful, 100-lumen spotlight allows the SLIM light to also function as a pocket torch.

Its unique, never-before-seen functionality means that the lamp also functions as a torch when folded, offering a powerful spotlight as well as a practical, firm hold.

IP 65



IP 65



IP 20



IP 30



Type	MINIFORM	UNIFORM	UV-FORM	SLIM
art. no.	88004 101	88004 102	88004 103	88004 104
	COB-LED	COB-LED / Spot: High-power LED	COB LED/high-power UV spotlight	COB LED/Spot: High-power LED
Lux (stage 1/stage 2)	100/200 lux@0.5 m	475/950 lux@0.5 m	200/400 lux@0.5 m	400/800 lux@0.5 m
Lux (spot)	800 lux@0.5 m	0.5 m 6000 lux@	-	4800 lux@0.5 m
Lumens (stage 1/stage 2)	100/200 lumens	250/500 lumens	125/250 lumens	250/500 lumens
Lumens (spot)	75 lumens	175 lumens	-	100 lumens
Operating time (stage 1/stage 2)	6 hrs/3 hrs	4.5 hrs/2 hrs	5 hrs/2.5 hrs	5 hrs/2.5 hrs
Operating time (spot)	4 hrs	3 hrs	3 hrs	-

Type	Charging duration	Battery voltage/capacity	Degree of protection	88004	...
	hrs.	V/mAh			
MINIFORM	3.0	3.7 / 1000 Li-ion battery	IP65		101
UNIFORM	5.0	3.8 / 3000 Li-ion battery	IP65		102
UV-FORM	3.0	3.7 / 1600 Li-ion battery	IP20		103
SLIM	4.5	3.8 / 2800 Li-ion battery	IP30		104

88011

## LED cordless work spotlights

IP  
54
**ATORN®**

## Design

- Switch:

1. Low 20%

2 applies as the year of use. Middle 45%

3 applies as the year of use. High 100%

4 applies as the year of use. off

- Protective rubber edge

- Handle can be swivelled and rotated

Fastening option:

- Tripod hole in base

- Battery status indicator

- Residual capacity display:

- Can be charged via barrel plug socket

- 5 V 1 A USB output

## Advantage:

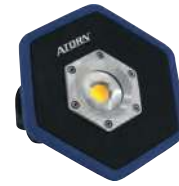
- Constant light in the day and at night
- Can be operated while charging

## Scope of delivery:

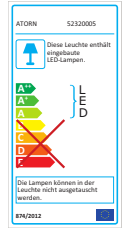
- 1x spotlight
- 1x AC power supply
- 1x magnet

**NEW**

88011 101



88011 102



Main light approx. lm (lumens) *	Colour rendering index CRI (colour match) *	Battery operation eff. Light duration approx. hrs.	Li-ion battery pack V/mAh	Charging duration Approx. hrs.	Lamp Degree of protection	Impact resistance (EN62262)	Dimensions	Weight mm	88011 g	...
1.000	> 95	9	11.1 / 2.200	3.5	IP54	IK07	209 x 190 x 73	720	114.00	101
4.000	> 80	6	11.1 / 5.200	6.0	IP54	IK07	265 x 237 x 60	1340	221.00	102

\* LED technology lumens at 0.5 m distance

62280

## Three-punch pliers

**HellermannTyton**

## Applications

An expansion tool for quick and easy application of grommets of all kinds. The grommets are pushed over the 3 pins and opened by squeezing the pliers.

This means the grommets can be pulled over the cable and are positioned on the cable by closing the pliers.

Pliers type	For Hellermann grommets size	For inner Ø mm	Max. grommet length mm	62280	...
NA - 0/1	0 - 1	1.25 - 1.75	28	101	
NA - 1/K/3	1 K-3/30 mm long	2.50 - 5.00	28	102	
NA - 4/5	4 - 5	7.50 - 10.00	50	103	
NA - 8/10	8 - 10	12.00 - 17.00	60	104	

62280



62300

## Nylon fish tape

## Design

Made of stretched monofilament. With solid steel end pieces and additional guide spring, approx.

130 mm long, pulling eyes on both ends, material diameter 4 mm, tensile strength 900 N.

Length m	62300	...
10	401	
15	402	
20	403	
25	404	

62300



62310

## Kati Blitz Compact fish tape set

## Design

The 3 mm thick polycarbonate, fibreglass rod is elastic but can be pushed like a rod. Each individual glass fibre is coated with polyester resin. The fibreglass core is additionally reinforced. The special guide head sits on a guide spring and allows you to work even where conduits are tightly curved. With an integrated range of accessories and special handle (minimum radius 30 mm).

**Tensile strength at least 100 kg.**

## The Kati Blitz Compact set comprises:

- 1x guide head 7-10 mm Ø,
- 5x M5 end sleeves
- 3x connection sleeves
- 5x M5 pulling eyes
- 1 special Kati-Grip handle
- 1 cable puller 6-9 mm Ø
- 1 bottle of fibreglass repair adhesive, 3 g.

## Note:

30 and 50-m lengths available on request.

62310

Length m	62310	...
20	101	





62313

Detachable cable ties

HellermannTyton

Design

- Flexible and resilient mounting solution, can be re-opened
- Made of polyamide, meets UL94 HB for fire spread
- Operating temperature range between -40°C and +85°C, briefly even up to +105°C
- Maximum tensile load 88 kg or 888 N
- Colour: yellow

Dimensions approx. mm	Pack = pieces	62313	...
750 x 12	5		101



62313

62314

Detachable cable ties



SapiSelco

Design

- Excellent flexibility even with large fluctuations in temperature
- Above-average colour fastness even in direct sunlight
- Resistant to most chemicals
- Self-extinguishing in accordance with the **UL94 V2 POLYAMIDE standard** within max. 30 seconds
- Tensile load 160 kg

Dimensions approx. mm	Pack = pieces	62314	...
3.8 x 240	100		101
4.4 x 320	100		102
5.6 x 500	100		103



62314

62315

Cable ties



SapiSelco

Design

- Made of halogen- and silicone-free polyamide 6.6
- Excellent flexibility even with large fluctuations in temperature
- Resistant to most chemicals
- **Self-extinguishing** in accordance with the **UL94 V2 POLYAMIDE standard** within max. 30 seconds
- Different self-extinguishing properties to art. no. 62315 302-306, in this case the self-extinguishing properties correspond to **UL94 HB**

62315 201-208

Design

- Standard
- Above-average colour fastness even in direct sunlight

62315 301-306

Design

- **UV-stabilised**
- Cable ties for outdoors
- The UV-series cable ties are made of a special material and resist the effects of UV radiation significantly longer than the standard material
- UV-stable for 10 years
- TÜV-certified

62315 401-405

Design

- With **stainless steel tongue** for demanding applications
- The steel tongue cuts firmly into the body of the cable tie and in any position
- The larger tongue is made of stainless steel, which has an extremely high mechanical strength and excellent resistance to corrosion



62315 201-208



62315 301-306



62315 401-405



Dimensions approx. mm	Pack = pieces	Standard		UV-stabilised		With stainless steel tongue	
		62315	...	62315	...	62315	...
2.5 x 100	100		201		301		401
3.5 x 140	100		202				402
4.5 x 186	100						403
4.5 x 200	100		203		302		
4.5 x 280	100		204		303		
4.5 x 360	100		205		304		404
7.5 x 360	100		206		305		405
7.5 x 450	100		207		306		
12.5 x 1000	100		208				

62317

## Cable tie tensioner

## Design

Rugged setting tool. The end of the tie is cut off at the head with no sharp overhang.

## Applications

For quick and easy installation of cable ties.

Length mm	For tie width to mm	Bundle Ø to max. mm	62317	...
170	4.8	108		101
165	7.8	130		102



62317

62318

## Cable tie gun

**Weidmüller**

## Applications

Processing tool for tensioning and cutting cable ties.

Length mm	For tie width mm	Weight approx. g	62318	...
160	2.4 - 4.8	309		101



62318

62319

## Cable tie tensioner



## Design

- Bevelled tie insertion point allows the tie to be inserted quickly into the side of the tool, speeding up installation
- Long, narrow nose improves the installer's field of vision and allows better access in tight spaces
- Easy-to-read label for tension adjustments, eliminating unnecessary guesswork
- Tension adjusting knob with 1/2-step tension adjustment for simpler work, as only one setting needs to be made
- Lightweight, impact-resistant resin housing

- Soft, non-slip trigger and rear handle cushion the fingers and hands while working
- Ergonomically shaped handle for natural and comfortable force transmission from all fingers when operating the trigger
- Tool hanging hooks for easy storage
- Improved cable tie cutting mechanism reduces impact on installer's hand by 40%, which is the lowest in the industry
- Less force is required at the handle to cut the cable tie – 15% less than with comparable tools

## Applications

Suitable for cable ties with sub-miniature, miniature, medium and standard cross sections.

Type	Weight approx. g	62319	...
GTS	294.5		101



62319

62323

## Fitting screw wrench DIN 49516

## Design

Insulating handle tested according to VDE.

## Applications

Combined for threaded inserts 2-25 A and 35-63 A.

Length mm	62323	...
107		101



62323

62324

## Wrench for PG threaded fittings

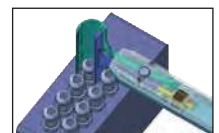
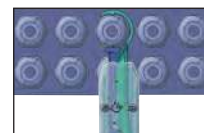
## Design

- Made from impact-resistant PA plastic
- **Comfortable, non-slip handling**
- Jaws made of metal
- Step-free, one-handed adjustment of wrench size
- Countersinking prevents unwanted adjustment of clamping jaws

Width across flats mm	Length mm	Weight g	62324	...
11 - 24	190	190		101
24 - 32	204	240		102



62324



## 92306

## Manual stapler

## 92306 102

## Twin-Fix MP-10

## Design

- Processes staples of 6, 8, 10 mm length, solid metal construction
- Easily accessible staple magazine
- Large staple capacity
- Padded grip
- Transport lock prevents empty firing
- Stapler nose is flush to housing, allows targeted driving of staples into corners and edges

## Applications

For all professional work with wood. For attaching upholstery, labels, cardboard, for decorating, tensioning, etc.

## 92306 301-303

## Staples Regur 11

## Design

- Zinc-plated
- Box of 5000 pieces (6, 8, 10 mm)

## Applications

For securing roofing, insulation panels, soundproofing, membranes, all kinds of films, etc.

## 92306 307-308

## Staples Regur HP-7 / HP-10

## Design

- Plastic
- Box of 1000 pieces (7, 10 mm)

## 92306 102



## 92306 301-303



## 92306 307+308



Type	Length mm	92306	...
Twin-Fix MP-10	-		102
Staples	6		301
Staples	8		302
Staples	10		303
Plastic staples	7		307
Plastic staples	10		308

## 62325

## Universal control cabinet key

## 62325 203

## Functions:

- 1.-2. Female square drive 6, 7-8 mm
3. applies as the year of use. Triangular socket drive 9 mm
4. applies as the year of use. Keyhole insert 3-5 mm
5. applies as the year of use. Double bit on chain, slotted 1 x 7 mm + Phillips PH2
6. applies as the year of use. Plastic adapter 1/4 inch

## 62325 201

## Functions:

- 1.-2. Female square drive 6, 7-8 mm
3. applies as the year of use. Triangular socket drive 8 mm
4. applies as the year of use. Keyhole insert 3-5 mm
5. applies as the year of use. Double bit on chain, slotted 1 x 7 mm + Phillips PH2
6. applies as the year of use. Plastic adapter 1/4 inch

## 62325 202

## Functions:

1. Male square drive 4-10 mm
- 2.-4. Female square drive 5, 7, 8 mm
5. applies as the year of use. Triangular socket drive 8 mm
6. applies as the year of use. Double bit on chain, slotted 1 x 7 mm + Phillips PH2
7. applies as the year of use. Plastic adapter 1/4 inch

## 62325 206

For virtually all technical closures, e.g. in gas and water supplies, air-conditioning and ventilation, for inspection flaps, sealing street lamps, bins, waste containers, etc.

## Functions:

- 1.-4. Female square drive 5, 6, 7-8, 9-10 mm
- 5.-7. Female triangular drive 7, 8-9, 10-11 mm
8. applies as the year of use. Keyhole insert 3-5 mm
9. applies as the year of use. Half moon 6 mm

## 62325 203



## 62325 201



## 62325 202



## 62325 206



Size mm	Weight g	62325	...
45 x 45	50		203
72 x 72	70		201
90 x 60	79		202
96 x 92	204		206

## 62326

## Universal switch cabinet key TwinKey



## Design

- 8-leg version: two four-way socket wrenches, connected with magnets to save space
- Reversible bit: Slotted 1.0 x 7 mm and Phillips PH 2
- Wrench and reversible bit connected with robust stainless steel wire cable
- Weight-optimised die-cast zinc combination
- High-quality surface coating

## Functions:

- 1.-4. Square 5 / 6-7 / 8-9 / 10-11 mm
- 5.-7. Triangle 7-8 / 9-10 / 11-12 mm
8. applies as the year of use. Two-way bit 3-5 mm
9. applies as the year of use. Half moon 6 mm
10. applies as the year of use. Stepped square 6-9 mm

## Applications

Multifunctional key for actuating closures in building technology (heating and plumbing, air-conditioning and ventilation technology, electro-technology), gas and water supplies and shut-off systems.

## 62326



Length mm	Weight g	62326	...
95	135		101

## 62327

## Universal construction wrench

### Design

- Zinc, matt nickel-plated

### Functions:

1. Square drive 6/7/8 mm
2. applies as the year of use. Step square 7-10 mm
3. applies as the year of use. Hex key 3 mm
4. applies as the year of use. Driver for locks with cylinder notch
5. applies as the year of use. Measuring scale up to 70 mm

62327



Size mm	Weight g	62327	...
195 x 68	193		101

## 62328

## Multi-function wrench MasterKey

**ATORN®**

### 62328 101

#### MasterKey construction

#### Design

- 6 different closures in one wrench
- Magnetic reversible bit:  
PH2 cross and 1 x 7 mm slot
- With bottle opener function

#### Functions:

1. Hexagon socket, 3 mm
2. applies as the year of use. Square drive, 5 mm
3. applies as the year of use. Square drive, 6 mm
4. applies as the year of use. Square drive, 8 mm
5. applies as the year of use. Triangular socket drive 9 mm
6. applies as the year of use. Step square 6-10 mm

#### Applications

For closures in plumbing, heating, ventilation, air conditioning and much more.

#### Quality

Die cast zinc.

### 62328 102

#### MasterKey electric

#### Design

- 5 different closures in one wrench
- Magnetic reversible bit:  
PH2 cross and 1 x 7 mm slot
- With bottle opener function

#### Functions:

1. Square drive, 5 mm
2. applies as the year of use. Square drive, 6 mm
3. applies as the year of use. Square drive, 8 mm
4. applies as the year of use. Triangular socket drive 9 mm
5. applies as the year of use. Two-way bit 3-5 mm

#### Applications

For closures in plumbing, electrical, heating, ventilation, air conditioning and much more.

#### Quality

Die cast zinc.

62328 101

62328 102



Type	Size mm	Weight g	62328	...
MasterKey construction	135 x 75	90		101
MasterKey electric	110 x 75	70		102

Special tools / PPE



62354

## Voltage tester, non-contact



## Design

- Housing made from impact-resistant and break-proof ABS plastic
- Visual and vibrating indicator
- LED pocket torch function
- Voltage range 12–1000 VAC
- TÜV tested and approved
- EN 61010-1:2010, CAT III 1000 V
- Scope of delivery includes 2x 1.5 V AAA batteries

## Applications

Detection of alternating voltages without current flow, detection of cable breaks and faulty fuses, testing of faulty switches, sockets, junction boxes, transformers, e.g. low voltage lighting systems and light chains. Detection of phase conductors in single-phase and three-phase systems. Checks the function of circuit breakers, detects faulty in-line switches and live cables in distribution boxes.

## Note:

Replacement batteries, see art. no. 39900.



62354

Length  
mm

62354

...

160

201

62356

## Magnetic field tester, non-contact



## Design

- LED display
- Integrated LED pocket torch (light duration approx. 80 hours)
- TÜV/GS tested
- Scope of delivery includes 2 x 1.5 V AAA batteries and operating instructions

## Applications

For fast and precise testing of electronic switches and valves. A function test can be carried out without any set-up time or machine downtime. An illuminated tip shows all permanent and synthetic magnetic fields. The device is so sensitive that in many cases it is not even necessary to remove covers or panelling. A permanent magnet is attached for the self-test.

## Note:

Replacement batteries, see art. no. 39900.



62356

Length  
mm

62356

...

160

101

62355

## Universal voltage tester (vehicle test light)

62355 101

## Design

Rugged brass housing with 720 mm connection cable and crocodile clip, probe tip can be unscrewed, with needle tip.

## Applications

Also for testing through wiring harnesses.

62355 201

## Weidmüller

## Design

Because of its low power consumption of 1.5 mA, the Car Check is especially suitable for troubleshooting electronic components.

The tester has an extra-long 100-cm cable. The voltage ranges 5, 12, 24 and 48 V are shown using a bright LED indicator. Polarity is indicated by means of an additional fifth LED.

The probe has 2 different tips (probe, cable probe).

## Applications

Specially designed for applications on cars and bicycles.



62355 101

62355 201



Measuring range  
Volts

Tip  
mm

Length  
mm

62355

...

6 - 24

12

115

101

3 - 48

15

137

201

62359

## Single-pole voltage tester 150-250 volts



## Design

- Ergonomically shaped, transparent handle
- With glowing tubes and clip
- Chromium-vanadium steel blade, plastic coated
- In accordance with VDE 0680

## Applications

For testing DC and AC voltage 150–250 volts as well as determining polarity (positive or negative).



62359



Cutting width x Thickness

Blade length

Total length

62359

...

mm

mm

mm

3.0 x 0.8

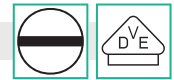
70

143

101

## 62360 - 62361

## Single-pole voltage tester 150-250 volts



### Design

- Complies with DIN 57680 part 6, VDE 0680/6
- With screwdriver and clip

### Applications

For checking DC and AC voltage 150–250 volts as well as determining polarity (positive or negative).

Cutting width x Thickness mm	Blade length mm	Total length mm	62360	...	62361	...
3.0 x 0.5	70	142		101		
3.5 x 0.5	42	134				201



62360



62361

## 62384

## Dual-pole voltage and continuity tester



## FLUKE

### Design

#### 4 detection methods for

#### AC/DC voltages:

- Status and measured values are clearly represented via LEDs
  - applies as the year of use. Measured value displayed on bright digital display
  - applies as the year of use. Continuity test with audible signal
  - applies as the year of use. Vibration sensor provides tactile feedback
- Measured value display with backlight
  - Battery voltage display
  - Voltage detection even in discharged batteries
  - Improved mounting of measuring tips for safe storage
  - Rotary field indicator for 3-phase systems
  - RCD testing function
  - A load can be engaged using the secondary button in order to pull a higher current from the circuit being tested and trigger residual current devices (RCDs)
  - Measured value can be held on the display

- Integrated electric pocket torch
- Rapid determination of current-carrying conductors by means of single-pole phase test
- Sliding probes
- Protection for probe tips and accessories during storage
- The guard allows you to always keep one hand free when opening safety power outlets
- Detection of damaged test leads with WearGuard™ insulation
- **Approved in accordance with IEC 61243-3, VDE 0682 part 401**

#### Scope of delivery:

- 2x AAA (LR03) batteries
- 2x GS38 probe tip protectors
- 2x 4 mm probe extensions
- Instruction manual

#### Note:

Replacement batteries, see art. no. 39900 304.



62384 101



62384 102



Art. no.	62384 101	62384 102
Type	T130 VDE	T150 VDE
<b>Functions:</b>		
Backlit LEDs	x	x
Backlit digital LCD display	x	x
Continuity test - visual indicator	x	x
Continuity test - audible indicator	x (can be switched off)	x (can be switched off)
Vibration when load engaged	x	x
Display hold	x	x
Voltage test	x	x
Polarity indicator	x	x
Resistance measurement	-	x
Switchable load, can also trigger RCD	x	x
Single-pole test for phase determination	x	x
No counter potential		
Rotation direction indicator	x	x
Probe tip protection	x	x
Voltage display for discharged batteries	x	x
Electric pocket torch function	x	x
Wear indicator for test leads	x	x
<b>Specifications:</b>		
DC and AC voltage	6–690 V	6–690 V
Continuity testing	0–400 kOhms	0–400 kOhms
Frequency measurement	0–400 Hz	0–400 Hz
Rotary phase direction	100–690 V	100–690 V
Resistance measurement	-	up to 1999 ohms
Response time (LEDs)	less than 0.1 secs	less than 0.1 secs
200-kOhm input impedance	current draw 3.5 mA at 690 V Current draw 1.15 mA at 230 V	current draw 3.5 mA at 690 V current draw 1.15 mA at 230 V
7-kOhm input impedance	current draw 30 mA at 690 V	current draw 30 mA at 690 V
Safety specification	CAT III 690 V, CAT IV 600 V	CAT III 690 V, CAT IV 600 V
Dimensions (H x W x D)	260 x 70 x 38 mm	260 x 70 x 38 mm

Type	62384	...
T130 VDE		101
T150 VDE		102

62388

Electrical tester with FieldSense technology



FLUKE®

Design

- HOLD button to freeze measured values on the display and make work easier
- Easy-to-read display with backlight
- Measuring instrument magnetic holder TPAK for convenient, hands-free operation

Voltage measurement without test leads

The open-jawed current clamp allows you to measure AC voltages without making contact with voltage-carrying points using test leads\*. Without opening the covers or removing screws on terminal blocks. For conductor cross-sections of up to 120 mm<sup>2</sup> and currents up to 200 A. This will significantly change your work.

Safer. Quicker. Easier.

Scope of delivery:

- Electrical tester
- Connected test leads with removable 4-mm protective probe caps
- User documentation

Note:

\*Requires a capacitive path to earth, which in most applications is provided through the user. In some cases, the earth connection must be established using a test lead.



62388



Type	62388	...
T6-600		101
T6-1000		102

Test specifications	requires test leads	62388 101 (T6-600) range	62388 102 (T6-1000) range	resolution
Function				
AC voltage measurement with FieldSense	No	600 V	1000 V	1 V
AC current measurement with FieldSense	No	200 A	200 A	0.1 A
Frequency measurement with FieldSense	No	-	45 to 66 Hz	1 Hz
AC voltage	Yes	600 V	1000 V	1 V
DC voltage	Yes	600 V	1000 V	1 V
Resistance	Yes	2000 ohms	2000 ohms	1 ohm
	Yes		20.00 kOhms	0.01 kOhms
	Yes		100.0 kOhms	0.1 kOhms
Dimensions		61.1 x 259.3 x 43.8 mm	61.1 x 259.3 x 43.8 mm	
Jaw opening max.		17.8 mm	17.8 mm	
Measurement category		CAT III 600 V	CAT III 1000 V / CAT IV 600 V	

Special tools / PPE



**FLUKE®****Design**

- Unique function for accurate voltage and frequency measurements on speed-controlled motor drives where harmonics overlap the base frequency
- The integrated thermometer allows you to easily take temperature measurements without needing to carry a separate thermometer
- Display with large digits and bright two-stage backlighting makes the measuring device significantly easier to read
- True RMS measurement of voltage and current for precise measurements of non sine-wave signals
- Selectable filter for precise voltage and frequency measurements on motor drives
- Basic accuracy of 0.05% for DC voltage
- 6000 digits, 3-3/4 places
- 4-1/2 places for precise measurements (20,000 digits)
- Measurement of up to 1000 VAC and DC
- Measurement of up to 10 A, 20 A for up to 30 seconds
- Integrated thermometer, so you need to carry one less device (including TC sensor)
- Frequency up to 200 kHz and % duty cycle
- Resistance, continuity and diode test
- 10,000  $\mu$ F capacitance range for components such as motor capacitors
- Min/max/average value capture with min/max alert for automatic detection of deviations
- Peak detection for determining short-term transients up to 250  $\mu$ s
- Relative value mode to remove test lead interference for low-impedance measurements
- Automatic and manual range selection for maximum flexibility
- Touch Hold to capture stable readings unaffected by interfering signals
- Large display digits and two-stage backlighting for improved readability
- Analogue bar graph display for fast signal changes or unstable signals
- Input Alert beeps if the input sockets are connected incorrectly
- Automatic shut-off can be adjusted flexibly to extend battery life
- Separate battery compartment for quick battery change without damaging the calibration seal

- Classic design with new, removable holster including built-in holder for test leads and probes
- Lifetime warranty

**Scope of delivery:**

- Measuring lines
- Crocodile clips
- Yellow holster
- Temperature probe
- 9-V battery (installed)
- CD-ROM (user guide, technical notes and operating instructions)

Functions	measuring range
DC voltage	1000 V
AC voltage	1000 V
DC current	10 A**
AC current	10 A**
Resistance	50 MOhms
Conductivity	60 nS
Capacitance	999 $\mu$ F
Frequency	> 200 kHz
Temperature	-200°—+1090°
80BK temperature probe	-40°—+260°
** 20 A up to 30 seconds	

Type	62396	...
87 V		101



62396

**FLUKE®****Design**

- Fully equipped multimeter **with integrated thermal imaging camera**
- **15 measurement functions**, including: AC voltage with low-pass filter, DC voltage, resistance, continuity, capacitance, diode test, min/max/average value, AC current (with iFlex®), frequency
- Thermography for fast and reliable detection of many electrical problems, reduces the need for numerous time-consuming measurements and inspections
- The combination of **two measuring devices in one** is designed to help increase productivity. You no longer have to go back to the vehicle or office to return a borrowed camera or to wait for a thermography expert
- The measuring device is designed for durability, can survive a fall from a height of 3 m and is fitted with a rubber holster to improve protection of the device
- If there are no obstacles to transmission, you can transfer measured values and thermal images to your smartphone wirelessly from a distance of up to 6 m
- Thermal image resolution: 80 x 60 pixels
- Colour LCD screen with 8.9-cm/3.5-inch diagonal
- Under normal conditions, the lithium-ion battery lasts for a full working day (over 10 hours)
- Automatic shut-off to extend operating time
- Over-voltage categories **CAT III 1000 V / CAT IV 600 V**

**Scope of delivery:**

- True RMS thermal imaging multimeter 279 FC
- Flexible iFlex® current clamp
- TL175 test leads
- Lithium-ion rechargeable battery with charger
- Soft carrying case
- Magnetic holder

Functions	measuring range
DC voltage	1000 V
AC voltage	1000 V
Resistance	50 MOhms
Capacitance	9,999 $\mu$ F
Frequency	100 kHz

Type	62383	...
Fluke 279 FC		101



62383



The integrated **Fluke Connect™** function allows you to transfer results wirelessly to your smartphone and save time when reporting the results of your work.



62426

## Wireless True RMS clamp ammeter



62426 201

## FLUKE®

## Design

The new Fluke 376 FC clamp ammeter allows better and more flexible troubleshooting. Measurements on awkwardly shaped conductors and in confined spaces are made easier by the flexible iFlex® current probe. In addition, the Fluke 376 FC clamp ammeter is now part of the Fluke Connect series of wireless measuring instruments. You can now take advantage of the following new functions.

## Faster troubleshooting:

Immediate logging, trend display and monitoring of intermittent problems thanks to trend graphs and internal memory for 65,000 measurement values

## Safe working:

Connect measuring instrument to your smartphone via Bluetooth®, clamp the ammeter around a conductor and record values at a distance of 30 m from the point of capture

## Save time when creating reports:

Easy creation of reports by capturing measured values on the measuring instrument and emailing the values from the point of capture

## Innovative flexible current clamp:

Simple and reliable measurements on awkwardly shaped conductors and in confined spaces

## Share data from any location:

With the ShareLive™ video call function, you and your team are always up-to-date even if you are in different locations

## Measuring functions:

- DC and AC voltage up to 1000 V
- Alternating current measurement up to 2500 A with flexible iFlex® current clamp
- DC and AC voltage measurement up to 1000 V
- True RMS measurement of voltage and current for precise measurements of non sine-wave signals
- Frequency measurement up to 500 Hz with clamp and iFlex®
- Resistance measurement up to 60 kOhms with continuity detection
- Min/max, average and inrush current recording for automatic detection of deviations
- Measuring range 500 mVDC for connecting additional devices
- Up to 1000 µF capacitance measurements

## Scope of delivery:

- Flexible iFlex® clamp ammeter (45.7 cm)
- Measuring lines
- TPAK magnetic holding fixture
- Soft carrying case
- Reference card
- Safety information sheet
- 2 x AA batteries



Type	62426	...
376 FC		201

62426

## mA process clamp ammeter

62426 202

## FLUKE®

## Design

- Measure 4-20 mA signals **without interrupting the circuit** in order to save time and money
- The highest accuracy in its class: 0.2 %
- Resolution and sensitivity of 0.01 mA
- Measurement of mA signals for analogue inputs/outputs on PLCs and control systems
- Double display with backlight, mA measured value indicator and the percentage value of the 4 to 20 mA range
- Measuring point lighting illuminates hard-to-see wires in dark switch cabinets
- Detachable clamp with extension cable for measurements in confined spaces
- Measure 10 to 50 mA signals in older control systems using the 99.9 mA range

- Automatic change of the 4 to 20 mA output for testing over greater distances
- Energy-saving function, automatic shut-off, time-controlled backlight switch-off to extend battery life
- Hold function captures and displays fluctuating readings
- Dimensions H x W x D mm: 212 x 59 x 38

## Scope of delivery:

- Soft carrying case
- User handbook
- 2 x AA batteries

## Note:

Replacement batteries, see art. no. 39900.



Type	62426	...
771		202



## Weidmüller

62370

VT

### Design

- Voltage display 12-690 VAC/DC
- LED display for voltage and polarity
- Clear, staggered LED display
- Small, handy voltage tester
- Works without batteries
- One-handed operation for sockets
- Probe protection

62371

VT Master

### Design

- Voltage display 12-690 VAC/DC
- LED display for voltage and polarity
- Visual/audible continuity test
- Battery monitoring
- One-handed operation
- Compact design
- Screw-on probe extension
- Probe tip cover to shorten probe tip
- Probe protection

62372

VT Combi Pro

### Design

- With switchable load
- Voltage display 6-690 VAC/DC
- LED display for voltage and polarity
- Visual/audible continuity test
- Phase sequence indicator
- FI test/load function
- Probe tip lighting
- Magnetic latching
- One-handed operation
- Screw-on probe extension
- Probe tip cover to shorten probe tip
- Probe protection

62380

VT Digi Pro

### Design

- With switchable load
- Voltage display 1-1000 VAC/DC
- LCD display for voltage and polarity
- Visual/audible continuity test
- Phase sequence indicator
- Resistance measurement
- Frequency measurement
- FI test/load function
- Probe tip lighting
- Magnetic latching
- One-handed operation
- Screw-on probe extension
- Probe tip cover to shorten probe tip
- Probe protection



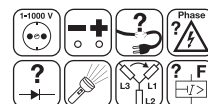
62370



62371



62372



62380



art. no.	62370	62371	62372	62380
Type	VT	VT Master	VT Combi Pro	VT Digi Pro
Rated voltage	12-690 V AC/DC	12-690 V AC/DC	6-690 V AC/DC	1-1000 V AC/DC
Display	LED	LED	LED	digital LCD
Up to 6 V	-	-	-	X
6 V	-	-	X	X
12 V	X	X	X	X
24 V	X	X	X	X
50 V	X	X	X	X
120 V	X	X	X	X
230 V	X	X	X	X
400 V	X	X	X	X
690 V	X	X	X	X
Type of voltage display	LED	LED	LED	LCD
Polarity (+/-)	X	X	X	X
Continuity test	-	X	X	X
Single-pole phase test	-	-	X	X
One-handed test	X	X	X	X
Measuring tip lighting	-	-	X	X
HOLD function	-	-	-	X
Rotary field indicator	-	-	X	X
Switchable load	-	-	X	X
30 ma RCD tripping via button	-	-	X	X
Power supply	from test object (w/o batteries)	2 x 1.5 V (AAA)	2 x 1.5V (AAA)	2 x 1.5 V (AAA)
Peak electric strength	5 kV	6 kV	8 kV	8 kV
Degree of protection	IP 64	IP 54	IP 65	IP 65
Working temperature	-15°C-+55°C	-15°C-+55°C	-15°C-+55°C	-15°C-+55°C
Dimensions mm	190 x 55 x 21	235 x 60 x 28	264 x 67 x 33	264 x 67 x 33
Weight g	115	181	288	295

Type	62370	...	62371	...	62372	...	62380	...
VT		101						
VT Master				201				
VT Combi Pro						101		
VT Digi Pro							101	

62381

Quick-access case (empty)

## Applications

For two-pole voltage testers.

62381

62381

104



## Info

## Testing and measuring devices

BENNING



## Double-pole voltage detectors

DUSPOL®	Display	Display levels	Continuity check	Rotary field test	Phase test	Polarity test	Art. no.
expert	LED	12 - 1000 V	Buzzer + LED	Yes / LED	Yes / LED	Yes / LED	62387 201
analogue	Moving coil / LED	12 - 1000 V	No	Yes / LCD	Yes / LCD	Yes / LED	62389 201
digital	LCD / LED	1 - 1200 V	Buzzer + LED	Yes / LED	Yes / LED	Yes / LCD	62390 201

## Continuity and line testers

	Display	Voltage AC	Continuity check	External voltage protection	Phase test	Flashlight function	Art. no.
DUTEST pro®	LED	No	Buzzer + LED	Yes / Buzzer + LED	Yes / LED	Yes	62405 201

## Digital multimeter

	Voltage AC	Voltage DC	Current	Resistance	Continuity/ Diode	Frequency	Art. no.
MM P3	0.1 mV - 600 V	0.1 mV - 600 V	No	0.1 Ohms - 40 MOhms	Yes	1 mHz - 5 MHz	62393 101
MM 1-3	100 µV - 750 V	100 µV - 1000 V	1 mA - 10 A AC/DC	0.1 Ohms - 20 MOhms	Yes	1 Hz - 20 MHz	62395 201
MM 3	1 mV - 600 V	1 mV - 600 V	0.1 µA - 20 A AC/DC	0.1 Ohms - 20 MOhms	Yes	1 Hz - 200 kHz	62395 102
MM 5-1	0.1 mV - 600 V	0.1 mV - 600 V	No	0.1 Ohms - 40 MOhms	Yes	0.01 Hz - 50 kHz	62395 105
MM 5-2	0.1 mV - 600 V	0.1 mV - 600 V	1 mA / 0.1 µA - 10 A AC/DC	0.1 Ohms - 40 MOhms	Yes	0.01 Hz - 50 kHz	62395 106
MM 7-1	10 µV - 1,000 V	10 µV - 1,000 V	10 µA - 10 A AC/DC	0.1 Ohms - 40 MOhms	Yes	0.01 Hz - 100 kHz	62395 104
MM 12	10 µV - 1,000 V	10 µV - 1,000 V	10 µA - 10 A AC/DC	0.1 Ohms - 40 MOhms	Yes	0.1 Hz - 100 kHz	62397 101

## Digital current clamp multimeter

	Voltage AC	Voltage DC	Current AC	Current DC	Continuity	Pliers opening	Art. no.
CM P2	No	No	10 µA - 400 A	10 µA - 400 A	No	max. 23 mm	62422 101
CM 2	1 mV - 600 V	0.1 mV - 600 V	100 mA - 300 A	10 mA - 300 A	Yes	max. 25 mm	62422 102
CM 5-1	1.3 V - 750 V	0.7 V - 1,000 V	0.9 A - 600 A	0.9 A - 600 A	Yes	max. 35 mm	62422 207
CM 11	0.01 V - 600 V	0.01 V - 600 V	0.1 mA - 20 A	0.1 mA - 10 A	Yes	max. 23 mm	62422 103

62385

Two-pole voltage and continuity tester PROFIPOL®+

IP  
54

BENNING

## Design

- Voltage of 12 V - 690 V AC/DC (LED)
- Display levels: 12, 24, 50, 120, 230, 400, 690 VAC/DC are fully functional with flat or missing batteries
- Audible/visual continuity test up to 100 kOhms (buzzer/yellow ohm LED)
- Single-pole external conductor test (phase) (red LED)
- Polarity test (+/- LEDs)
- Tester handle locking mechanism for single-handed operation on sockets and for safe storage
- Reduced test current without RCD tripping: IS less than 6.0 mA

- Degree of protection IP 54 (dust/splash-proof)
- Impact-resistant and robust housing guide
- Over-voltage category CAT III 600 V, CAT II 690 V
- Includes 2 x 1.5 V AAA batteries (LR03) (voltage display even with flat batteries)

## Applications

Suitable for electrical engineering, industry, maintenance and service (troubleshooting).

## Note:

Replacement batteries, see art. no. 39900.

62385



Volts

62385

...

12-690 V AC/DC

201

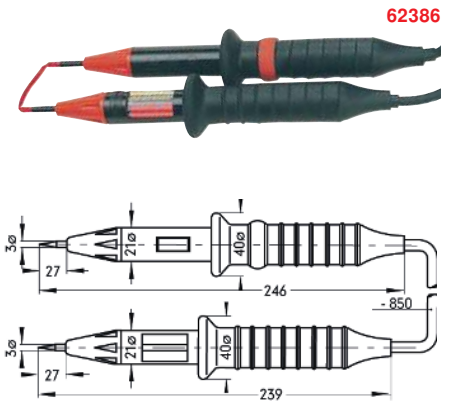
## 62386

## Two-pole voltage finder

### Design

- Black Makrolon housing
- Oil-resistant and non-flammable rubber grips with elasticated, raised finger protection
- Under the rubber handles, there is a rugged, double electrically insulated and heat-insulated measuring unit on one side
- In the other housing, there is an enlarged viewing window for polarity and phase display
- Under the red Perbunan ring is a ring switch for switching the measuring tool on and off
- With a large, powerful neon lamp

- Under the large, Makrolon magnifying glass there is an illuminated, red scale for **DC voltage between 120–750 volts**
- Yellow scale for **AC voltage between 120–750 volts**
- Heavily insulated, oil-resistant, single-strand connection cable: approx. 1 m long
- The flattened, insulated, spring-loaded contact tips fit CEE sockets and push terminals



Volts

62386

...

120–750 V AC/DC

201

## 62387

## Two-pole voltage and continuity tester DUSPOL® expert

### BENNING

### Design

- Voltage of 12 V - 1,000 V AC/DC (LED)
- Display levels: 12, 24, 50, 120, 230, 400, 690, 1000 VAC/DC
- Audible/visual continuity test up to 100 kOhms
- Rotating field direction/phase test, polarity test (LED)
- Direct display without pushbutton control (high-impedance test)
- Load engagement via pressure switch (low-impedance test)
- Intentional tripping of the RCCB
- Vibration alarm in the probe handle
- Switchable measuring point lighting
- Non-contact open-circuit detector
- **Degree of protection IP 65** (dust/splash-proof)

- Robust housing guide with rubberised handle area
- Includes 2 x 1.5 V AAA batteries (voltage display from 50 V even with flat batteries)
- Tested and approved according to: **DIN EN 61243-3, (VDE 0682-401) 2015**
- Overvoltage category: **CAT IV 600 V, CAT III 1000 V.**

### Applications

Suitable for electrical engineering, industry, maintenance, service (troubleshooting), photovoltaic plants/wind turbines and hybrid vehicle technology.

### Note:

For matching case, see art. no. 62381.  
Replacement batteries, see art. no. 39900.



62387



Volts

62387

...

12–1,000 V AC/DC

201

## 62389

## Two-pole voltage and continuity tester DUSPOL® analogue

### BENNING

### Design

- Voltage between 12 V–1000 VAC/DC (LED/voice coil)
- Display levels: 12, 24, 50, 120, 230, 400, 690, 1,000 VAC/DC
- Rotating field direction/phase test (LCD), polarity test (LED)
- Direct display without pushbutton control (high-impedance test)
- Load connection via pushbutton (low-impedance test)
- Intentional tripping of the RCCB
- Vibration alarm in the probe handle
- **Degree of protection IP 65** (dust/splash-proof)

- Rugged housing design with rubberised grip area
- **Safety any time, any place:** No batteries required
- Tested and approved according to: **DIN EN 61243-3, (VDE 0682-401) 2015**
- Overvoltage category: **CAT IV 600 V, CAT III 1000 V**

### Applications

Suitable for electrical engineering, industry, maintenance, service (troubleshooting), photovoltaic plants/wind turbines and hybrid vehicle technology.

### Note:

For matching case, see art. no. 62381.



62389



Volts

62389

...

12–1000 V AC/DC

201



62390

## Two-pole True RMS voltage and continuity tester DUSPOL digital

## BENNING

## Design

- Voltage between 1 V–1000 VAC True RMS / 1200 VDC (LCD)
- Display levels: 50, 120, 230, 400 V AC/DC (LED)
- Audible/visual continuity measurement up to 100 kOhms
- Resistance measurement: 0.1 kOhms–300 kOhms (LCD)
- Diode testing: 0.3 V–2 V (LCD)
- Rotating field direction/phase test (LED), polarity testing (LCD)
- Frequency measurement: 1 Hz–1000 Hz
- Non-contact open-circuit detector
- Direct display without pushbutton control (high-impedance test)
- Load connection via pushbutton (low-impedance test)
- Intentional tripping of the RCCB

- Vibration alarm in the probe handle
- Measurement point and display lighting
- **Degree of protection IP 65** (dust/splash-proof)
- Rugged housing design with rubberised grip area
- Incl. 2 x 1.5 V AAA batteries (voltage display above 50 V even with flat batteries)
- Tested and approved according to: **DIN EN 61243-3, (VDE 0682-401) 2015**
- Overvoltage category: **CAT IV 600 V, CAT III 1000 V.**

## Applications

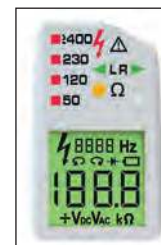
Suitable for electrical engineering, industry, maintenance, service (troubleshooting), photovoltaic plants/wind turbines and hybrid vehicle technology.

## Note:

For matching case, see art. no. 62381.  
Replacement batteries, see art. no. 39900.



62390



Volts

62390

...

1–1,000 VAC / 1,200 VDC (True RMS)

201

62393

## Digital multimeter

## BENNING

## Design

- Extremely compact housing (132 x 86 x 19 mm)
- High basic accuracy of 0.7% VDC
- Weighs only 130 g (incl. accessories)
- Measured value storage
- Battery low-voltage display and automatic shut-off after 30 minutes.
- **Measurement category CAT III 300 V, CAT II 600 V**
- Including leather case, test leads and battery pack

## Measuring ranges:

**DC voltage:** from 0.1 mV to 600 V,  
**AC voltage:** from 0.1 mV to 600 V,  
**Resistance:** 0.1 ohms to 40 MOhms,  
**Capacity:** 10 pF to 100 µF,  
**Frequency:** 1 mHz to 5 mHz,  
**Diode testing:** 1.1 mA  
**Continuity testing:** 50 Ohms.

62393



62393

...

101

62394

## Digital multimeter



## Design

- With built-in, non-contact voltage sensor and integrated LED pocket torch
- Automatic shut-off
- Data Hold function for storing multiple measurements
- Auto Range function (avoids manual switching)
- Audible continuity tester
- Diode test
- Scope of delivery **includes** test leads, quick-access case, 2 batteries (1.5 V AAA LR03), operating instructions
- **TÜV/GS-tested and approved according to (IEC/EN 61010-1, DIN VDE 0411)**

## Measuring ranges:

**DC voltage** from 200 mV to 600 V,  
**AC voltage** from 200 mV to 600 V,  
**DC current** from 200 µA to 10 A,  
**AC current** from 200 µA to 10 A,  
**Resistance** from 200 ohms to 20 MOhms.

## Note:

Replacement batteries, see art. no. 39900 304.



62394



62394

...

201



**BENNING****Design**

- With automatic and/or manual range selection
- Automatic shut-off
- Battery low voltage display.
- Incl. rubber holster (except MM 1-3, art. no. 62395 201), compact carrying case, battery pack and test leads

**Note:**

Replacement batteries, see art. no. 39900.

**62395 201****Type MM 1-3****Design**

- Volt sensor for non-contact detection of phase voltage and cable breaks (audible/LED)
- Incl. wire temperature probe

**62395 102****Type MM 3****Design**

- Basic measurement types for current, voltage, resistance, continuity, diode, capacity and frequency

**62395 105-106****Type MM 5-1/MM 5-2****Design**

- Continuity test via red LED and buzzer
- True RMS measurement procedure
- Volt sensor for non-contact detection of phase voltage and cable breaks (visual signal)
- Relative measurement (REL)
- Measurement category CAT IV 300 V, CAT III 600 V

**62395 106****Type MM 5-2****Design**

- Microampere measuring ranges (400.0  $\mu$ A DC/4000  $\mu$ A DC) for ionisation current measurement on heating systems
- Incl. wire temperature probe

**62395 104****Type MM 7-1****Design**

- True RMS measurement procedure
- Highest measurement category CAT IV 600 V
- AutoV function for automatic AC/DC voltage detection and low input impedance
- Peak detection (PEAK)
- 4-digit LCD display with bar graph display and backlight
- Incl. wire temperature sensor with adapter

**62395 201****62395 102****62395 105****62395 106****62395 104**

Art. no.	62395 201	62395 102	62395 105	62395 106	62395 104
Type	MM 1-3	MM 3	MM 5-1	MM 5-2	MM 7-1
Display range	2,000	2,000	6,000	6,000	6,000
Basic accuracy	0.5%	0.5%	0.5%	0.5%	0.08%
AC voltage	100 $\mu$ V–750 V	0.1 mV–600 V	100 $\mu$ V–600 V	100 $\mu$ V–600 V	10 $\mu$ V–1000 V
DC voltage	100 $\mu$ V - 1,000 V	0.1 mV - 600 V	100 $\mu$ V - 600 V	100 $\mu$ V - 600 V	10 $\mu$ V - 1000 V
AC current	1 mA–10 A	0.1 $\mu$ A–20 A	-	1 mA–10 A	10 $\mu$ A–10 A
DC current	1 mA–10 A	0.1 $\mu$ A–20 A	-	0.1 mA–10 A	10 $\mu$ A–10 A
Resistance	0.1 ohms–20 MOhms	0.1 ohms–20 MOhms	0.1 ohms–40 MOhms	0.1 ohms–40 MOhms	0.1 ohms–40 MOhms
Continuity/diode	yes / yes	yes / yes	yes / yes	yes / yes	yes / yes
Frequency	1 Hz–20 MHz	1 Hz–200 kHz	0.01 Hz–50 kHz	0.01 Hz–50 kHz	0.01 Hz–100 kHz
Capacitance	1 pF–2 mF	1 pF–200 $\mu$ F	0.01 nF–1 mF	0.01 nF–1 mF	1 nF–10 mF
Temperature	-20 °C to +800 °C	-	-	-40 °C to +400 °C	-40 °C to +400 °C
Volt sensor	Yes	-	Yes	Yes	Yes
Memory function	HOLD, MAX/MIN	-	HOLD, PEAK	HOLD, PEAK	HOLD, MAX/MIN
Measuring method	RMS	RMS	TRUE RMS	TRUE RMS	TRUE RMS
Measurement category	CAT III 600 V	CAT III 300 V	CAT III 600 V	CAT III 600 V	CAT IV 600 V

Type	62395	...
MM 1-3	201	NEW
MM 3	102	
MM 5-1	105	
MM 5-2	106	
MM 7-1	104	

62397

## Digital multimeter (True RMS) MM 12

**BENNING****Design**

- With logging function (40,000 measured values) plus Bluetooth® and USB interface
- TRUE RMS measurement procedure
- Memory function (1000 measured values, A-SAVE, SAVE)
- PC software for further evaluation
- Free iOS/Android app for data connection to smartphone/tablet
- AutoV function for automatic AC/DC voltage detection and low input impedance (LoZ)
- Low-pass filter (HFR) for measurements on motor drives
- Additional functions are HOLD, P-HOLD, REL, MAX/MIN/AVG, dB/dBm
- Measurement category CAT IV 600 V, CAT III 1000 V

**Scope of delivery:**

- PC software
- USB cable
- Protective rubber bumper
- Magnetic hook
- Bag
- 4 batteries (1.5 V AA LR6)
- Measuring lines
- Wire temperature probe
- Calibration certificate

**Applications**

Suitable for industry, electrical engineering, service.

**Note:**

For replacement batteries, see art. no. 39900.



62397

**NEW****Measurement ranges**

Voltage	10–1,000 V
Current	10 µA–10 A
Resistance	0.1 ohms–40 MOhms
Frequency	0.1 Hz–100 kHz
Capacitance	0.01 nF–40 mF
Temperature	-200 °C to +1200 °C
Continuity test	30 ohms (buzzer)
Diode test	2.0 V

Type

62397

...

MM 12

101

62405

## Continuity and line tester DUTEST® pro

**BENNING****Design**

- Continuity and diode testing via LEDs and testing buzzer
- Visual indicator via 3 LEDs: 0–100 ohms/1 kOhms/10 kOhms
- Audible indication via test buzzer up to approx. 100 ohms
- External voltage display: 6–400 V (LEDs/testing buzzer)
- Polarity testing
- Single-pole external conductor test (Phase)
- Non-contact open-circuit detector
- Precise, high-performance LED pocket torch

- Buzzer volume and LED pocket torch brightness individually adjustable in four stages
- Integrated magnet holder and belt clip on back of housing
- Scope of delivery incl. test lead set
- Measuring category: CAT III 300 V

**Applications**

For testing of high- and low-impedance resistors.

**Note:**

For batteries see art. no. 39900.



62405

Type

62405

...

DUTEST pro®

201

**BOSCH****Design**

- Precise display of object centre with „Centre Finder“ scale
- Better visibility of the result with illuminated display
- Marking opening with three-colour LED light ring
- Three detection modes for various applications: drywall mode, metal mode, mode for energised cables
- Locates at up to 12 cm depth

- Detectable materials: ferrous metals, non-ferrous metals, wooden substructures, energised wires
- Intuitive operation with automatic calibration
- Current supply: 1 x 9 V 6LR61 battery

**Scope of delivery:**

- GMS 120
- Protective case
- Hand strap
- Battery

**Note:**

For batteries see art. no. 39900.

62411



Type	Max. detection depth mm Steel/copper	Automatic shut-off approx. min	62411	...
GMS 120	120 / 80	5	301	

**BENNING****Design**

Scope of delivery includes compact case, battery and test leads (except for CM P2, art. no. 62422 101).

**Note:**

Replacement batteries, see art. no. 39900.

**62422 103****Type CM 11****Design**

- Highest resolution of 0.1 mA AC/DC
- Ideal for troubleshooting electrical installations, equipment, automotive engineering, controller (4–20 mA process signals), as well as fire and intrusion alarm systems
- Broad range of uses for voltage (600 V), resistance (600 kOhms) and continuity testing

**62422 101****Type CM P2****Design**

- Small, handy, always ready for use
- Precise measurement of load currents up to 400 A
- INRUSH, Low Pass Filter (LPF), Volt Sensor (NCV), ZERO

**62422 102****Type CM 2****Design**

- Measure high currents safely and without contact
- Measures small currents
- Measuring inputs for voltage, resistance and continuity testing

**62422 207****Type CM 5-1****Design**

- Automatic measuring function selection (VAC/DC, A AC/DC, ohm and low input impedance LoZ)



art. no.	62422 101	62422 102	62422 207	62422 103
Type	CM P2	CM 2	CM 5-1	CM 11
Display range	4,200	4,000	9,999	6,000
Basic accuracy	2.0%	0.5%	0.9%	1.0%
AC voltage	-	1 mV–600 V	1.3 V–750 V	0.01 V–600 V
DC voltage	-	0.1 mV–600 V	0.7 V–1,000 V	0.01 V–600 V
AC current	10 mA–400 A	100 mA–300 A	0.9 A–600 A	0.1 mA–20 A
DC current	10 mA–400 A	10 mA–300 A	0.9 A–600 A	0.1 mA–10 A
Resistance	-	0.1 ohms–40 MOhms	1 ohm–10 kOhms	0.1 ohms–600 kOhms
Continuity/diode	-	yes/ -	yes/yes	yes/ -
Memory function	HOLD	HOLD, MAX	HOLD	HOLD, PEAK
Measuring method	TRUE RMS	TRUE RMS	TRUE RMS	TRUE RMS
Max. jaw opening	23 mm	25 mm	35 mm	23 mm
LC display	4 digits	3 1/2 digits	4 digits	4 digits
Measurement category	CAT III 600 V	CAT III 300 V / CAT III 600 V	CAT IV 600 V / CAT III 1000 V	CAT IV 300 V / CAT III 600 V

Type	62422	...
CM P2	101	NEW
CM 2	102	
CM 5-1	207	
CM 11	103	



62425

## Digital mini clamp ammeter



## Design

- Complies with IEC/EN 61010-1 (DIN VDE 0411)
- With 4-digit LCD display
- Manual or automatic selection of the measuring range
- Alternating current measurement
- AC and DC voltage measurement
- Continuity and diode test
- Resistance measurement
- Max. jaw opening Ø 28 mm
- Continuity test 50 ohms with audible signal
- Resistance up to 60 Megaohms
- **Overvoltage category CAT III 600 V**
- **Degree of protection IP 44**
- Dimensions: 220 x 75 x 35 mm

## Scope of delivery:

- 3 batteries (1.5 volt AAA, LR03)
- 1 x test lead
- Quick-access bag
- Operating instructions

## Note:

Replacement batteries, see art. no. 39900 304.



62425

Alternating current (AC)	Direct current (DC)	AC voltage	62425	...
60 A-600 A / 40-400 Hz	60 A-600 A	600 mV-600 V / 40-400 Hz	301	

62430

## Industrial test lead set

## Design

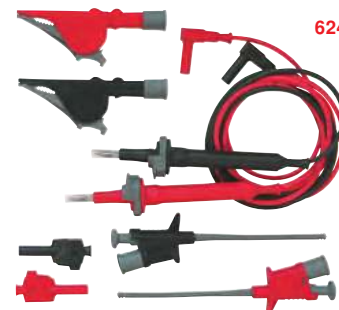
8 pieces. CAT. III, 1000.

Contents: 2 x repair adapters red/black, 600 V CAT II / 20 A, 2 x pickup probes red/black, 1000 V CAT III, 6 A, 2 x crocodile clips red/black, 1000 V CAT III, 600 V CAT IV / 36 A, 2 x safety test leads red/black, 1380 mm, 5949-IEC-120 / 1000 V CAT III / 20 A with non-slip protection.

## Applications

For all commercially available multimeters with plug sockets, 4 mm version.

Content	62430	...
8 parts	101	



62430

62440

## Battery-operated device tester ST 710

## BENNING

## Design

**Simple** (operated with three buttons), **fast** (full test within 10 seconds), **mobile** (test can be carried out without mains power, battery capacity for 2500 test samples), automatic test procedure for class I, II (III) devices, extension cables, device connection cables with C13 plug, good/bad indicator Pre-set threshold values according to VDE standard.

**Measurements:** Protective conductor (200 mA test current), insulation resistance (500 V test voltage), protective conductor/touch current (alternative leakage current procedure), conductor test including RPE, RISO, continuity/short-circuit testing of the phase/neutral conductor, voltage at external schuko socket (L-N, L-PE, N-PE). Three-phase samples can be tested via optional measuring adapter.

## Scope of delivery:

- Device tester
- Bag
- Test lead with crocodile clip
- C13 lead
- Batteries (6 x 1.5 V, AA, IEC LR6)

## Applications

Testing of electrical devices/work equipment, such as electric tools, motorised devices, lights, extension leads, household appliances **in accordance with VDE 0701-0702 BGV A3.**

## Note:

Test stickers (300 units), measuring adapter 16 A/32 A CEE Schuko socket for three-phase test samples on request.

Replacement batteries, see art. no. 39900 303.

Type	62440	...
ST 710	101	



62440

## 62490

## Pliers and VDE screwdriver range

KNIPEX

## Design

- 11 pieces, in tool roll
- Heads of pliers chrome-plated
- Arms have thick-walled, two-colour, multi-component sleeves with non-slip protection
- Screwdriver, fully insulated, **individually tested to VDE DIN EN 60900, 1000 V**

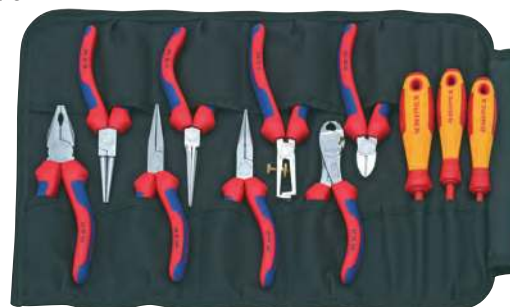
## Applications

For telecommunication and electrical technicians.

## Quality

Pliers in chromium-vanadium electric steel

62490



Content	size
1 combination pliers	160 mm
1 wire stripping pliers	160 mm
1 radio pliers	160 mm
1 x Langbeck pliers, flat/wide	160 mm
1 x Langbeck pliers, round	160 mm,
1 needle nose pliers, straight	160 mm,
1 heavy-duty end-cutting nippers,	140 mm
1 side cutters	140 mm
1 screwdriver, blade width	2.5 mm
1 screwdriver, blade width	4.0 mm
1 Phillips screwdriver	size 1

Content	62490	...
11 pieces		101

## 62520

## VDE electrician's tool kit

KNIPEX

## Design

48 pieces, in durable ABS case. Surrounding aluminium frame with D-rings to attach a strap and fixed, stable, central wall, can be equipped on both sides. Variety of insertion options with elastic straps and 12 small pockets. Can be opened on one or both sides, 3-piece combination lock. All tools fully insulated. **Individually tested in accordance with VDE DIN EN 60900, 1000 V.**

Content	size
1 combination pliers	200 mm
1 wire stripping pliers	160 mm
1 side cutters	160 mm
1 cable cutters	200 mm,
1 water pump pliers, Alligator	250 mm
1 each single open-end wrench	size 10 / 13 / 14 / 17 / 19 / 22 mm,
1 each single ring wrench	size 10 / 13 / 14 / 17 / 19 / 22 mm,
1 each screwdriver	2.5 / 4.0 / 5.5 / 6.5 mm,
1 each screwdriver	PH 1, PH 2,
1 T-handle 1/2 inch	165 mm,
1 reversible ratchet 1/2 inch	265 mm,
1 each extension 1/2 inch,	125 mm and 250 mm,
1 each socket wrench insert 1/2 inch	size 10 / 11 / 12 / 13 / 14 / 17 / 19 / 22 / 24 mm,
1 cable knife	180 mm,
1 sheath stripping knife	155 mm,
6 plastic clips	clamping width 15 mm
1 pair of electrician's gloves	size 9,
3 rubber cloths	500 x 500 x 1.6 mm.

Content	62520	...
48 pieces		201



62520



## 62530

## VDE tweezers

## Design

Delicate, narrow tip, 1.5 mm, serrated, fully insulated and individually tested in accordance with VDE 0680/T 201, IEC 900.

## Quality

Nickel-plated steel.

62530 101



62530 102



	Length mm	62530	...
straight	145		101
curved	145		102



## VDE tools

62540

### VDE single open-end wrench DIN 7446



#### Design

Jaw angle 15°, professional multi-layer dip-insulated, individually tested according to IEC 60900.

#### Quality

Chromium-vanadium steel.

62540

#### Applications

For working on or near energised parts up to 1000 VAC voltage (RMS value) or 1500 VDC voltage.



Size mm	Length approx. mm	62540	...
10	110		101
13	135		102
14	140		103
16	145		104
17	155		105
18	170		106
19	175		107
22	220		108
24	240		109

62550

### VDE single ring wrench, DIN 7447



#### Design

Offset, professional multi-layer dip-insulated, individually tested in accordance with IEC 60900.

#### Quality

Chromium-vanadium steel.

62550

#### Applications

For working on or near energised parts up to 1000 VAC voltage (RMS value) or 1500 VDC voltage.



Width mm	Ring thickness mm	Length mm	62550	...
10	9	165		201
13	11	185		202
14	12	195		203
16	13	205		204
17	13	205		205

Width mm	Ring thickness mm	Length mm	62550	...
18	14	215		206
19	14	220		207
22	15	245		208
24	16	270		209

62560

### VDE screwdriver for hex socket bolts with T-handle



#### Quality

Special tool steel, tempered.

62560

#### Design

With a fixed T-handle, short version. Complies with VDE DIN EN 60900, 1000 V, insulated and tested.

Size mm	Length mm	62560	...
5	120		104
6	120		105
8	120		106



62580

### VDE socket wrench inserts DIN 7448



#### Quality

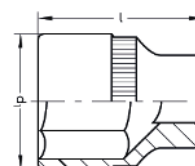
Chromium-vanadium steel.

62580

#### Design

With 1/2-inch square drive for hexagonal bolts. According to VDE standard DIN EN 60900, 1000 V, insulated and tested.

Width mm	l mm	d <sub>1</sub> mm	62580	...
10	38	19.5		201
11	40	20.7		202
12	40	23.0		203
13	40	23.2		204
14	40	24.5		205
17	40	28.2		206
19	40	30.7		207
22	40	34.5		208



62600

## VDE fully insulated reversible ratchet

1/2"

±1000V



Quality  
Chromium-vanadium steel.

## Design

With locking screw, reversible for clockwise/anti-clockwise rotation, 1/2-inch square drive.

Complies with VDE standard DIN EN 60900, 1000 V insulated and tested.



62600

Total length mm	62600	...
265		101

62610

## VDE extensions DIN 7434

±1000V



Quality  
Chromium-vanadium steel.

## Design

With 1/2-inch internal/external square drive. **According to VDE standard DIN EN 60900, 1000 V, insulated and tested.**



62610

Length mm	62610	...
125		101
250		102

62612

## VDE side cutters



±1000V



Applications  
For hard and soft wire.

## Design

- Streamlined head shape for use in difficult-to-reach work areas
- Clean cut with thin copper wire, even at tips of cutting edge
- **Complies with VDE DIN EN 60900, 1000 V, insulated and tested.**

Quality  
**Vanadium electric steel, forged, multi-stage oil-hardened. Inductively hardened blades.**  
Blade hardness approx. 62 HRC.



62612

Length mm	Up to wire Ø medium mm	Up to wire Ø hard mm	Up to wire Ø piano mm	62612	...
160	4.0	2.8	2.0		101

55831

## VDE torque wrench

3/8"



±1000V



## Design

- Can be re-adjusted and re-calibrated
- VDE torque wrench can be repaired in HAZET Service Centre
- Long service life/accuracy by way of: disassembly, adjustment, repair (if necessary), calibration, reassembly
- Suitable for inspection equipment monitoring
- Sustainable and environmentally friendly
- Fine scale interval with Vernier scale
- Locking mechanism to prevent unintentional adjustment of setting value
- Safe: haptic (quick-release), audible (kink element)
- **Right/left triggering with interchangeable square drive**, allows tightening to a set torque clockwise or anti-clockwise within the specified tolerance
- Output: Square, solid, 10 mm (3/8-inch)
- VDE-tested
- Socket wrench inserts from other manufacturers may be used, provided that they comply with IEC 60900:2012 and DIN EN 60900
- Low weight for good handling and effortless work
- Product design features
- Slim and appealing design in strict compliance with the required insulation factors (material thickness/overlaps)

- Smooth transitions on switching and moving parts with ergonomic handle design and clear calibration groove
- Simple operation and low risk of injury due to ergonomic functional switching elements with a pleasant action
- Uniform appearance even when using other components (e.g. red insulated socket wrench inserts)
- Attractive housing and head colour using well-known VDE signal colours red/yellow
- Black handle for colour separation and to minimise visual disturbance
- Avoids overhanging, obstructing parts (e.g. reverse lever)
- DIN EN ISO 6789:2003 (D), square in acc. with DIN 3120, EN/IEC 60900
- Made in Germany

## Note:

*Repairs may only be carried out by the HAZET Service Centre, as they must be followed by a 10,000 V test in accordance with IEC 60900.*



55831 101



55831 102



Connecting square inches	Adjustment range Nm	Scale interval Nm	Tolerance %	Length mm	Weight kg	55831	...
3/8	2-10	0.2	6	275	0.59		101
3/8	5-25	0.5	4	305	0.64		102



62620

VDE occupational safety items



62620 101

Protective glove, electronics

Provides protection against arcing, with inspection stamp for working in areas of voltage up to 1000 V, complies with EN 60903. Made from natural latex, anatomical design, best flexibility. Length 410 x 1.5 mm. Size 10, supplied in UV-resistant bag.

62620 201

1000 V LV HRC safety handle

In accordance with VDE 0680/4. With non-slip protection and protective cuff made of smooth, impregnated leather. For LV HRC fuses size 00–3. VDEGS-tested.

62620 301

1000 V insulating mat

With grooved non-slip surface, not acid or oil-resistant, not anti-static. 1000 x 1000 x 4 mm. Temperature resistance of -30° to +70° according to DIN VDE 0680 part 1.

62620 401

1000 V covering blanket

Grease and acid-resistant. For covering live parts, according to VDE 0680/1. 600 x 600 x 1.6 mm. VDEGS-tested.

62620 501

1000 V clip made of plastic. For securing rubber blankets. VDEGS-tested.



62620 101



62620 201



62620 301



62620 401



62620 501



	62620	...
Protective gloves	101	
Safety handle	201	
Insulating floor mat	301	
Cover sheet	401	
Staples	501	