

62010

Universal cutter with snap-off blade

STANLEY

Type

Stainless steel blade guide ensures easy work, high stability and long life. Two-component handle for secure, non-slip work. Up to 6 blades can be stored in the handle. The fastening wheel acts directly on the blade and thus prevents slipping when working

with the cutter. Automatic blade exchange thanks to storage. Device for breaking off blades integrated. **Equipped with 6 blades.**

Note:

Spare blades see cat.-no. 62021 102-103.

62010



Blade width	62010	...
mm		
18		101

62015 - 62016

Universal cutter with snap-off blade

OLFA
OLFA

Type

With snap-off, retractable blade. Precise metal blade guide. Equipped with 1 blade.

2 spare blades included.

Note:

Spare blades see cat.-no. 62020 + 62021.

62015 101

Push button system.

62016 101

Wheel lock.

62015



62016



Blade width	62015	...	62016	...
mm				
9		101		
18			101	

62017

Universal cutter with snap-off blade

ATORN®

Type

Metal cutter with snap-off, retractable blade. Equipped with 1 blade.

Note:

Spare blades see cat.-no. 62020 + 62021.

62017 101

With push-button and auto-lock mechanism.

62017 102

Wheel lock.

62017 101



62017 102



Blade width	62017	...
mm		
9		101
18		102

62020 - 62021

Universal cutter with snap-off blade

Type

With snap-off, retractable blade. Precise metal blade guide. High-quality model.

Equipped with 1 blade.

2 spare blades included.

62020 101 + 62021 101

With push-button mechanism, automatic arrest.

62021 201

Wheel lock.

62020 102



62020 101



62021 102



62021 101



62021 103



62021 201



Blade width	9 mm	...	18 mm	...
	62020		62021	
Blade		101		101
Blade				201
Spare blades 10 pcs.		102		102
Spare blades 10 pcs. (TiN-coated)				103

62022

Pocketknife

STANLEY

Type

Switch blade. Metal housing with chrome finish.

Safety lock. 2 blades included, straight blade.

62022 101



Pack =	62022	...
pc.		
Blade	-	101
Spare blades, straight cutting edge	3	202
Spare blades, straight cutting edge	50	203
Scalpel blades (TiN), straight cutting edge	50	207

62022 202-203

62022 207





martor

62025 101
SECUMAX EASYSAFE

- Type**
- Concealed blade for fast and injury-free cutting
 - Additional plastic spring for a smooth cut, even for single layers of thin film or paper
 - The prominent pointed nose facilitates piercing of the material, consequently it is ideal for opening sacks and foil-wrapped pallets
 - Integrated metal plate suitable for slitting open the adhesive tape on cardboard boxes
 - Blade change without tools
 - Delivery **with** 1 blade
 - TÜV-tested

Note:
For use in sensitive production facilities, such as in the food industry, the knife can be locked - with the aid of a key. Thus it is impossible for unauthorised persons to change the blade.

62025 102
Spare blades
Type
Thickness approx. 0.30 mm.
Use
For film cutter SECUMAX EASYSAFE
cat.-no. 62025 101.

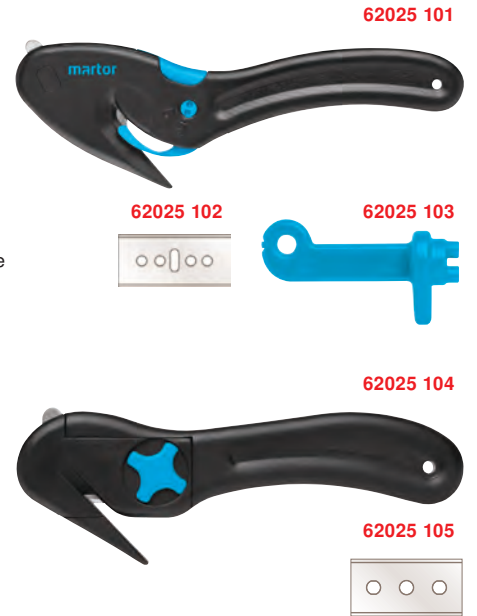
62025 103
Lock screw wrench
Use
For film cutter SECUMAX EASYSAFE
cat.-no. 62025 101.

62025 104
SECUMAX COMBI
Type

- Made of glass-fibre reinforced plastic
- Blade is safely embedded in the handle
- Easy blade change
- Integrated metal plate for slitting open the adhesive tape on cardboard boxes (can also be removed)
- Effortlessly cuts thick films, plastic box strapping and safety straps
- Delivery **with** 1 blade
- TÜV-tested

Note:
Always cut box strapping at a 45° angle.

62025 105
Spare blades
Type
Broad grind, thickness 0.40 mm.
Use
For film cutter SECUMAX COMBI
cat.-no. 62025 104.



	Pack =	62025	...
Film cutter SECUMAX EASYSAFE	pc.	-	101
Spare blades for SECUMAX EASYSAFE	10	-	102
Lock screw wrench SECUMAX EASYSAFE	5	#	103
Film cutter SECUMAX COMBI	-	-	104
Spare blades for SECUMAX COMBI	10	-	105

martor

SECUMAX CARDY

- Type**
- Concealed blade for high level of safety
 - Its compact shape makes it easy to handle, for curved cutting, - for example

- Its 2.5 mm wall thickness makes it particularly slender, and thereby agile. You can guide this cutter through very thin slots - particularly when cutting film.



Type with	62026	...
Standard steel blade	-	101
TiN-coated blade	-	102

martor

SECUNORM 175

- Type**
- **Quadruple-use blade:** Has two cutting sides and four sharp edges. Through turning you quadruple the useful life and always - cut like with a new blade.
 - **Ergonomic handle:** The handle is shaped to fit the hand and is comfortably rounded on the end. In addition, the grooves improve your hold on the slider.
 - **Suitable for right-handers and left-handers,** because the slider can be operated on both sides

- **Easy blade replacement:** To open the handle, simply press down the blade change button and pull. The slider flips up automatically - releasing the blade for changing.

- Thanks to the practical eyelet, the knife can be fastened on your wrist, for example, with a strap

- TÜV-tested

Use
For all cutting tasks on the sales floor, in the warehouse, etc.



	62027	...
Blade	-	201
Spare blades 10 per pack	-	102

Special Tools / PPE

62029

Utility Knife with Retractable Blade

62029 101

Multi-purpose blade Standard

- Ergonomic knife handle of zinc die-cast, stove-enamelled
- Knife blades of high-quality special steel, razor sharp
- **incl. of 5 trapezoidal blades in the handle**

62029 102

Safety Utility Knife

- With the safety knife the blade automatically retracts when pressure is no longer exerted on the cutting edge. **Thus low risk of injury**
- Knife handle of aluminium die cast, stove-enamelled

62029 103

Utility Knife with Sheath

- Particularly robust, ergonomically shaped knife with retractable blade
- Blade change in seconds without screw: Simply pull out end of handle and turn 90°
- With magazine for spare blades or bits
- **Incl. sheath and 1 blade** (trapezoidal, straight)
- Bit receptacle integrated in the handle

62029 104



62029 101



62029 102



62029 103



	62029	...
Universal cutter standard		101
Utility safety knife		102
Universal cutter standard with tube		103
Spare blades, trapezoidal, 5 pcs. each		104

62032

Safety Squeeze-Grip Knife

martor

62032 101

SECUPRO 625

Type

- Ergonomic, squeeze-grip knife
- Aluminium handle, incl. soft-grip
- Easy motion lever for releasing the blade
- Extended cutting depth

- Automatic blade retraction for a very high level of safety
- Delivery with 1 blade



62032 102

Spare blades

Trapezoidal. Thickness 0.63 mm. Pack = 10 pcs.

62032 101



62032 102



	62032	...
SECUPRO 625		101
Spare blades, trapezoidal 10 pcs.		102

62033

Fast-Change Utility Knives

STANLEY

Type

- With zinc pressure-cast body for high stability and a long service life
- Two-component handle for safe work without slipping

- Easy push-button loading system for increased safety, an additional tool is not required
- Space for up to 8 blades in the handle
- **Delivery with 9 spare blades**

62033



	62033	...
		101

62034

Safety Squeeze-Grip Knife



martor

62034 101

- Automatic blade retraction for a very high level of safety
- Ergonomic squeeze-grip for high cutting frequencies and low-fatigue, user-friendly work
- With safeguard as extra protection
- Minimal cutting depth of 11 mm, thus when cutting cardboard boxes the risk of damaging the contents is minimised
- Easy blade change without auxiliary tool
- **Suitable for right-handers and left-handers**
- Delivery with 1 blade
- TÜV-tested

62034 101

SECUPRO MARTEGO

- Aluminium squeeze-grip incl. a soft-grip component enables comfortable and non-slip handling.

62034 102

SECUPRO MERAK

- Small and handy safety knife for precise cutting
- Squeeze-grip of high-quality plastic

62034 103

Spare blades

Thickness approx. 0.40 mm. Pack = 10 pcs.

Use

For safety knife cat.-no. 62034 101-102.

62034 101



62034 102



62034 103



	62034	...
SECUPRO MARTEGO		101
SECUPRO MERAK		102
Spare blades 10 pcs		103



Knives

62035

Safety Knives



martor

For centre-hole blades.

Knife blades of high-quality special steel, razor-sharp, ice-hardened.
Delivery **with** 1 trapezoidal blade.

62035 202

SECUNORM PROFI LIGHT

Type

- Handle of abrasion-resistant plastic
- Automatic blade retraction for a high level of safety
- The innovative blade change is convenient, occurs without auxiliary tools and in addition, prevents over elongation of the spring
- **Suitable for right-handers and left-handers**
- TÜV-tested

Use

For all normal cutting tasks, particularly suited for opening cardboard boxes.

62035 103

SECUNORM PROFI

Type

- Aluminium handle
- Automatic blade retraction, if the cutter slips off of the material being cut, and the slider is not firmly held
- For right-handers
- TÜV-tested

62035 202



62035 103



62035 204+105

62035 206



	62035	...
SECUNORM PROFI LIGHT		202
SECUNORM PROFI		103
Spare blades, trapezoidal, 10 pcs.		204
Spare blades trapezoidal with broad grind à 10 pcs.		105
Spare blades, hook-shape 10 pcs.		206

62036

Safety Knives



martor

62036 101

SECUPRO MEGASAFE

Type

- Ergonomic aluminium handle
- **Suitable for right-handers and left-handers**
- Automatic retraction: The thumb can remain on the slider when cutting - nevertheless the blade springs back into the handle after cutting
- Particularly well suited if protective gloves must be worn when cutting
- Blade protrusion to 23 mm
- Delivery **with** 1 trapezoidal blade
- TÜV-tested

62036 102

SECUPRO MAXISAFE

Type

- Safety knife with 3-sided slider and automatic blade retraction for a very high level of safety
- The ergonomically shaped plastic handle is reinforced in the blade protrusion area through a metal work guard
- Adapts to the required type of cutting
- **Suitable for right-handers and left-handers**
- Easy blade change without auxiliary tool
- Delivery **with** 1 trapezoidal blade
- TÜV-tested

Use

Suitable for 3-ply corrugated cardboard.

62036 103

SECUNORM PROFI25

Type

- Single-cast aluminium handle for increased stability
- With automatic blade retraction if the cutter slips off the material being cut and the slider is not held firmly.
- Blade protrusion 25 mm
- Easy blade change without auxiliary tool
- **Suitable for right-handers and left-handers**
- Delivery **with** 1 trapezoidal blade
- TÜV-tested

62036 101



62036 102



62036 105

SECUNORM MULTISSET

Type

- With locking screw for variable adjustment of the blade protrusion to 24 mm
- Robust aluminium handle
- Automatic blade retraction for a high level of safety
- Double-use blade
- Toolless blade change
- **Suitable for right-handers and left-handers**
- Delivery **with** 1 trapezoidal blade
- TÜV-tested

62036 103



62036 105



62036 104

Spare blades

Type

Trapezoidal with broad grind, thickness approx. 0.63 mm. **Pack = 10 pcs.**

62036 104



	62036	...
SECUPRO MEGASAFE		101
SECUPRO MAXISAFE		102
SECUNORM PROFI25		103
SECUNORM MULTISSET		105 NEW
Spare blades 10 pcs.		104

62037

Safety Knives



martor

SECUNORM PROF140

- Aluminium handle
- Flexible blade with extremely long blade protrusion of 40 mm
- Extremely minimal risk of breakage
- Automatic blade retraction for a high level of safety

- Blade change without auxiliary tool
 - Delivery with 1 blade
 - **Suitable for right-handers and left-handers**
 - TÜV-tested
- Use**
Suitable as bag opener and for light cutting tasks such as on paper webs for web printing.

62037 101



62037 102



62037 ...

SECUNORM PROF140 101

Spare blades pack of 10 102

62019

Pro Snap-Off Cutter

Type

- Extra heavy design
- Cutter for 25 mm snap-off blades
- Metal guide
- Adjustment wheel
- Blade fixation element

- With non-slip rubber handle
- With automatic blade advance
- Additional safeguard through fixation possibility of the snap-off blade
- Blade compartment integrated in the handle (filled with 5 spare blades)

NEW

62019 101



62019 201



62019 ...

Pro snap-off cutter 101

Spare blades 10 pcs. 201

62018

Blades – Jack Knives

ATORN®

Type

- Aluminium ergonomically shaped handle
- Safe arrest of the unfolded blade
- Thumb cushion for optimal pinpoint cutting pressure

- Fast, toolless blade change via quick-clamp lever
- Blade compartment integrated in the handle (filled with 5 spare blades)
- All off-the-shelf trapezoidal blades fit
- With belt clip

Note:

Spare blades see cat.-no. 62029 104.

NEW

62018



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

62040

Combination blade

STANLEY

Type

- **Multi-function knife with two blades:** Serrated stainless steel blade, length 75 mm and trapezoidal blade
- **Ergonomic handle:** Easy opening of the stainless steel blade with one hand

- **Safety locking mechanism of the stainless steel blade:** Blade cannot open unintentionally
- **Retractable trapezoidal blade:** Blade slider can be conveniently activated with thumb
- Zinc blade slider for strength and durability

- Fast blade change without tool
- **Interlock™ mechanism** prevents simultaneous opening of both blades

62040



Length mm	62040 ...
120	101

62041

Container for used blades

martor

62041 101

Used blade container

- With the used blade container you minimise the risk of injury when disposing of used blades.
- When the container is completely filled the lid is screwed closed to the stop, i.e. until a red pin automatically engages
- Thus the container can no longer be opened
- Then the container with the used blades is completely disposed of

62041 102

Wall holder

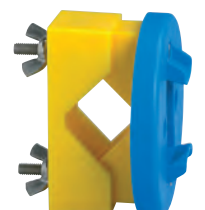
For fastening the container for used blades on pipes, rods, or walls.

Note:

When fastening on walls, only mount the blue plate.

62041 101

62041 102



62041 ...

Used blade container 210 x 100 x 100 101

Wall holder - 102



62044

Multi-Tool



Type

- Stainless steel housing
- incl. of Holster



Contents
1 Combination pliers
1 Flat nose pliers
1 Wire cutter
3 Flat-blade screwdrivers 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 Crosscut file
1 Bottle opener
1 Can opener
1 Saw
1 Knife
1 Serrated knife



62044

	62044	...
14-part		101

62045

Combination tools Leatherman®-



Type

All Leatherman® tools are manufactured in the United States and are made of stainless steel. Each tool is especially hardened for its function.



Cat.-no. Model	62045 301 Squirt P4 10-piece	62045 302 Wave 19-piece In leather case	62045 306 Micra 10-piece	62045 307 Skeletool CX 8-piece in nylon holster	62045 308 Charge TTi 27-piece in leather holster
Stripping blade		x			x
Awl	x				
Attachment eyelet		x			x
Gutting blade					x
Bit holder		2 pcs.		x	2 pcs.
Bits (reversible)		2 pcs.		2 pcs.	9 pcs.
Crimping pliers					x
Can opener		x			
Wire cutter	x	x		x	x
File (diamond-coated)		x			x
File (wood, metal)	x	x			x
Hard wire cutter		x		x	x
Cable cutter					
Cap lifter	x	x	x	x	
Cap lifter incl. can opener					x
Carabiner				x	
Combination blade (smooth edge/serrated edge)				x	
Combination pliers	x				
Phillips screwdriver	x		x		
Ruler		x	x		x
Knife	x	x	x		x
Nail file/cleaner			x		
Tweezers			x		
Saw		x			x
Scissors		x	x		x
Flat-blade screwdriver	x	x	x		x
Key ring eyelet	x		x		
Needle-nose pliers		x		x	x
Watch-maker screwdriver	x		x		
Serrated blade		x			x

	62045	...
Squirt P4 10-part		301
Wave 19-part		302
Micra 10-part		306
Skeletool 8-part		307
Charge TTi 27-part		308

Special Tools / PPE

62055

Pocketknife



Original Swiss Made.

62055 101

Manager

10-part, sapphire, with biro and lamp (red).

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

62055 102

Nomad

11-part, black: Large blade locks in place, can opener with screwdriver (3 mm), bottle opener with screwdriver (5 mm), wire bender, steel awl/needle eye, corkscrew, toothpick, tweezers, ring.

62055 103

Cybertool

34-part, red, includes:

Big blade, small blade, corkscrew, can opener with small screwdriver (suitable for Phillips screws, as well), bottle opener with screwdriver and cable stripper, awl, ring, tweezers, toothpick, needle eye and sewing reamer, bit wrench with hexagon socket for D-SUB connection. Hex sockets for bits, bit PZ 0, bit PZ 1, bit holder with bit 4 mm slotted screws, bit PH 2, bit Hex 4 mm, bit Torx 6, bit Torx 10, bit Torx 15, retractable ball-point pen for DIP switch adjustment, pin (Inox), mini screwdriver, combination pliers with wire cutter, wire crimping tool, scissors, universal hook.

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



62056

Pocketknife Olivio

Type

- Stainless blade, can be fixed in place
- Genuine olive wood handle- High-quality brass insert for blade guide
- Eyelet for cord/chain.

Blade length mm	62056	...
90		101



62090

Cable splitting knife/sheath-stripping knife

Type

Handle made of viscoplastic and impact-proof plastic, with blade protection.

62090 102

Type

Half-round, ground blade.

62090 101

Type

With straight, strong blade.

Blade length mm	Overall length mm	62090	...
35	180		102
50	200		101



62092

Cable splitting knife with replaceable blade

Type

Fully insulated impact-proof plastic handle in compliance with VDE.
Foldable blade protection, undetachable integrated in the handle, flat solid blade with protected back.

Quality

Stainless steel.



Blade length mm	Overall length mm	62092	...
Cable stripping knife	50	200	201
Spare blade	50	-	202



62093

VDE cable-sheath knife



Type

- Improved ergonomics thanks to handle-shape with comfortable design slide-off guard
- Increased safety through non-slip soft component
- Good force transmission when pulling the blade, through thumb recess and finger hook on the end of the handle
- Transparent protective blade
- Insulated multi-component handle, VDE-tested

62093 101

Stable stationary hook blade, sickle-shaped.

Quality

Surgical steel, rust-free, air-hardened.

62093 102

Stable stationary hook blade, straight cutting edge.

Quality

Special tool steel, oil-hardened.

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



62094 Work Knife (Kitchen Knife)



Type
Stainless blade. Plastic handle, manual dressing.

Blade length mm	62094	...
80		101
150		102



62094 101



62094 102

62091 Multi-purpose knife



Type
High-quality steel, sharp, sturdy blade, non-slip.
Safely tucked away in the belt holster

Use
Safely and reliably cuts wood, plastics, etc.

Blade length mm	62091	...
102		101



62091

62095 Cable Stripping Knife



62095 103
Lead or workshop knife
With wooden handle, fixed blade.



62095 103



62095 104

62095 104
Gutta percha knife
With wooden handle, fixed blade.



62095 105



62095 106

62095 105
1 blade and wire scraper, wooden handle, foldable.



62095 107



62095 108

62095 106
Single-blade cable stripping knife with plastic handle, foldable.

62095 107
With 1 blade and scribe, wooden handle, foldable.

62095 108
With 2 blades (small blade with wire scribe), scribe and screwdriver, plastic handle, foldable.

62095 109
Industrial Knives
Single-part knife with black, unbreakable plastic shell handle. Stainless steel, foldable blade with double locking mechanism.



62095 109



62095 110

62095 110
Serrated industry knife
Otherwise type like 62095 109



62095 111



62095 113

62095 111
With plastic handle, 1 blade, scribe and screwdriver, folding.

62095 113
Electrician's safety knife
With plastic handle, 1 blade, foldable, with locking mechanism. Red handle, blade with 2 notches for stripping of insulation from PVC cables.

62095	...
	103
	104
	105
	106

62095	...
	107
	108
	109
	110

62095	...
	111
	113

Special Tools / PPE

62098

Secura cable stripping knife



Type

Adjustable cutting depth, automatic blade conversion to circular cut and longitudinal cut.

Use

For stripping insulation and sheathing of standard round cables.

62098 101

Spare blade in handle. Especially for damp-proof cables. For cable Ø 4-16 mm.

62098 101-102



62098 102

For cable Ø 8-28 mm.

62098 103

With hook blade. Spare blade in handle. Especially for damp-proof cables. For cable Ø 8-28 mm.

62098 103



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

62100

Insulating Stripping Knives



Type

Adjustable cutting depth, automatic blade conversion to circular cut and longitudinal cut. Spare blade in handle.

Use

For stripping insulation and sheathing of all conventional cables, particularly damp-proof cables.

62100 101-102

Without pre-blade.

62100 103

Type

With hooked blade and protection cap.

Use

Longitudinal cut and circular cut.

62100 301

Spare cutter

Use
Suitable for cable stripping knife, cat.-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 knife		301

62102

Wire Stripping Tool



Type

Cutting depth adjustable from 0 - 5 mm, exchangeable blade can be used on both sides. Handles made of glass fibre-reinforced plastic.

Use

For stripping insulation of all conventional cables above 25 mm Ø. Suitable for longitudinal cut and circular cut.

62102 102

Spare blades

62102 101



Placement of the tool for longitudinal cut



Longitudinal cut



Turn the tool for circular cut



Circular cut

For cable Ø mm	62102	...
> 25		101
Spare blade	#	102

62102 102



62106

Universal wire stripper



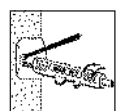
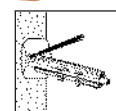
Use

For round-cutting and sheathing of NYM-cables 8-13 mm Ø. Especially suited for narrow areas (branch boxes, cut-out boxes etc.).

62106



For cable Ø mm	62106	...
8 - 13		101



Wire Stripping Tools | Wire strippers

62103

Precision wire strippers

Type

Easy and precise stripping without damage to the conductor. Lightweight and handy. Can be adjusted to 6 different cable thicknesses. Insert wire, press handles, remove. 50 mm scale with 1 mm graduation and adjustable length stop. Blades especially hardened.

Use

For PVC and similar materials.

62103



Application area Ø mm	Length mm	62103	...
0,12 / 0,16 / 0,20 / 0,25 / 0,30 / 0,40	98	101	
0,25 / 0,30 / 0,40 / 0,50 / 0,60 / 0,80	98	102	
0,30 / 0,40 / 0,50 / 0,60 / 0,80 / 1,00	98	103	

62107

Micro Wire Stripping Tool



Type

Suitable for 6 different wire diameters with insulation made of: Mylar®, Kynar®, Tefzel®, PVC and others. Adjustable length stop.

Use

For use in fields of electronic, telecommunication, computer technics and many others.

62107



Application area Ø mm	Length mm	62107	...
0,25 / 0,3 / 0,4 / 0,5 / 0,6 / 0,8	98	101	

62108

Super Wire Strippers



Type

- Safer hold through integration of non-slip grip zones
- Locking technology prevents uncontrolled opening of the tool
- Cable remnants do not clog the blades
- Blade adjustment to the cutting depth is not required
- Longer cable section can be stripped with the longitudinal cutting fixture
- Contour blade for stripping wires 0,2-0,3-0,8-1,5-2,5-4,0 mm²
- Additional TiN-coated sliding blade
- Delivery in pocket clip

Use

Wire strippers for stripping **all major round cables from Ø 8-13 mm. Stripping of different cable types, e.g. NYM 3 x 1.5 mm to 5 x 2.5 mm².** Outstanding for tasks in junction boxes and distributor boxes.

62108



		62108	...
		101	

62109

Sheathing and insulation stripping tools



Use

Sheathing and Insulation stripping tool for all standard co-axial cable from 4,8 - 7,5 mm Ø. Also suitable for PVC-Flex 3 x 0,75 mm². With scale. (Spare blades not available).

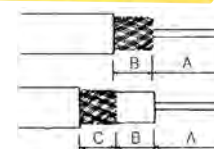
Quality

TiN-coating.

62109



Length mm	62109	...
100	201	



62105

Wire installation tool



Type

Plastics, with integrated pull hook and release blade.

Use

For UTP and STP cables, diameter of conductor 0,4 - 0,8 mm. For the installation of cables on terminals, boxes and panels. Installation and cutting-off of the cable in one operation. Installation without cutting-off is possible thanks to lockable cutting device.

62105



Length mm	62105	...
175	101	

62111

Wire Stripping Pliers

ATORN®

Type

Polished head, with setting screw and spring, handles dip-coated.

62111



Length mm	wire mm	Cable mm ²	62111	...
160	1,1 - 4,8	0,5 - 6		101

62115

Wire Stripping Pliers

ATORN®

Type

Head highly polished, chrome-plated, with setting screw and spring, handles with heavy-duty, two-component coating.

62115



Length mm	wire mm	Cable mm ²	62115	...
160	1,1 - 4,8	0,5 - 6		101

62104

VDE wire stripping pliers, chrome-plated

ATORN®

Type

Made of chrome-vanadium steel, highly polished, chrome-plated, with 2-component handle. Especially manufactured to fulfill the strict safety regulations of IEC 900, DIN EN 60900 and VDE 0680/part 2. Directly sprayed-on 1000 V insulating grips.



62104



Length mm	wire mm	Cable mm ²	62104	...
160	1,1 - 4,8	0,5 - 6		101

62112

Wire Stripping Pliers

HHW

Type

With black ergosoft handles. Highly polished chrome plated, with set screw for adjustment to wire or strand diameter. Opening spring.

Quality

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

62112



Length mm	Wire mm	Cable mm ²	62112	...
160	1,1 - 4,8	0,5 - 6		101

62114

VDE wire stripping pliers

KNIPEX

Type

Head polished, with setting screw for adjustment to wire or strand diameter. With spring for opening, for strands max. Ø 5 mm and/or 10 mm² conductor diameter. Handles with thick-walled, bicolour, multi-component non-slip grips on top of the insulated handles. Tested in compliance with IEC DIN EN 60900.

Quality

Special tool steel C 45, oil-hardened.

62114



Length mm	62114	...
160		101



62116

VDE wire stripping pliers

Type

Polished, chrome-plated, self-adjusting. The lamellar cutting blades automatically adjust to the cable size. Thick-walled plastic handles with hand guard.

Quality

Vanadium-extra steel.

62116



Length mm	Cable mm ²	62116	...
165	0,5 - 6		101



Pliers

62118

Stripping and wiring pliers



Type

Polished head, plastic-coated handles, **cutting edges inductive hardened**. Hardness of cutting edges approx. 60 HRC.

Use

For stripping, catching and bending wires, crimping cable connectors, ideal for cable installation work. For cutting soft, medium-hard and hard wire

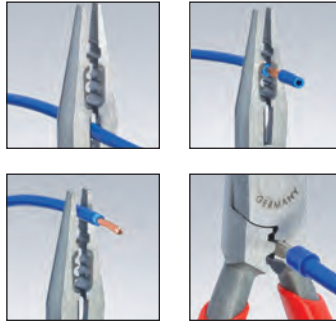
Quality

Vanadium electric steel, forged, oil-hardened.

62118 301

Type

With bicolour multi-component grips.



62118 101



62118 301



Stripping values mm ²	to wire Ø Medium-hard mm	to wire Ø hart 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

Electrical Installation Pliers



Type

- Multi-function pliers for electrical installation
- Screw joint: Precise, play-free movement of the pliers
- Slender design for good accessibility

6 functions in one pair of pliers:

- Smooth gripping surfaces on the tip for damage-free gripping of individual conductors, profiled gripping surfaces and pipe grip for grasping flat and round material
- Sharper outer edge on the jaw for processing flush-mounted boxes and deburring of lead-through holes
- Stripping holes for conductors 0,75 - 1,5 mm² and 2,5 mm²
- Crimp nest for end sleeves 0,5 - 2,5 mm²
- Cable shears with precision cutting edges (inductively hardened) for Cu and Al cable to 5 x 2,5 mm² / Ø 15 mm.

Use

For grasping of flat and round material, bending, deburring, cable cutting, stripping and crimping of end sleeves.

Quality

High-grade special tool steel, forged, oil-hardened.

62113 201

Type

Without opening spring.

62113 202

Type

With opening spring.

62113 301

Type

Without opening spring, individually tested in compliance with VDE DIN EN 60900.

62113 302

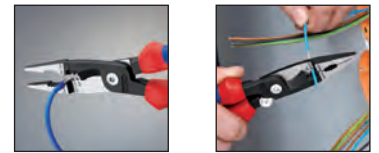
Type

With opening spring, individually tested in compliance with VDE DIN EN 60900.

62113 201



62113 202



62113 301



Type with	Length mm	VDE			
		62113	...	62113	...
Without opening spring	200		201		301
with opening spring	200	#	202		302

62119

3-Purpose Pliers



Type

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

Application

For stripping, catching, cutting, and bending wires, crimping of end sleeves and lugs.

62119



Length mm	Work area Ø mm	62119	...
160	1,6 - 2,5		101



Special Tools / PPE

62120

EvoLine Multifunction Cutter

ATORN®**Type**

- Ergonomic head shape offset 25°
- Advantageous use in all positions
- Lever-optimised force joint
- Hardened, precision cutting edges
- With side cutter and flat cutter
- Slender shape for large reach.

Use

For stripping, crimping wire end sleeves, bending eyelets.

62120 201

Type

Head finely polished, forged, handles with 2-component sleeves with handle guard.

62120 301

Type

Head finely polished, forged, directly sprayed-on 1000 V insulating grips in accordance with VDE IEC 60900 with grip guard.

62120 201



62120 301



Length mm	To wire Ø Medium mm	To wire Ø Hard mm	To wire Ø Piano mm	62120	...
180	3,5	2,5	2,0	#	201
VDE 180	3,5	2,5	2,0	#	301

62124

Wire Stripping Pliers

RENNSTEIG**Type**

Chrome-plated with plastic grips, length stop and cable guide.

Use

For damage-free stripping insulation and sheathing of all electric single conductor and multi-lead cables of 0,03 - 16 mm².

Can be used independently of the strength of the insulation material. No squeezing or deformation of the cable ends thanks to special cutting technology. Replaceable blades for different diameters. Automatic retraction of the cable stripping knife to the starting position.

62124 101

Use

For cable 0,03-2,0 mm² with cable guide.

62124 102

Use

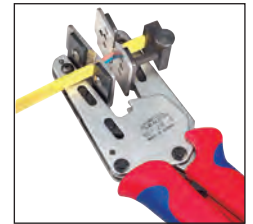
For cable 2,5-10,0 mm².

62124 103

Use

For DIN stranded wire 0,14-6,0 mm².

62124



Length mm	Weight g	62124	...
200	425		101
200	425		102
200	425		103

62126

Wire Stripping Pliers

62126 201+301

Type

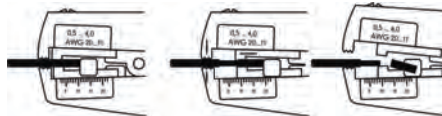
With cable cutter and length stop. Housing made of glass-fibre reinforced polyamide, metal parts made of especially hardened steel, laminated blades are automatically exactly adjusted to the conductor cross-section. With 3-stage adjustment for insulation thickness: thick-medium-thin. Presetting by means of length stop 3 - 18 mm. Overall length 200mm, weight approx. 150g.

Use

For conductors and stranded wire with PVC insulation.

62126 202+302

Spare blades for cat.-no. 62126 201+301.



ATORN®

H+W

	Work area mm ²	62126	...	62126	...
Pliers	0,08 - 6			301	
Pliers	0,03 - 10				201
Spare knife	-			302	
Spare knife	-				202

62126 301



62126 201



62127

Self-Adjusting Wire Strippers

RENNSTEIG**Type**

A first: Self-adjusts to cable AND insulation thickness. Robust metal. Housing made of fibre-reinforced plastic. Ergonomic two-component handles. A length stop allows for presetting of stripping length up to 18 mm. Cutting blade and length stop easily replaceable.

Use

For one or multi-lead cables with insulation made of PVC, Radox®, or rubber. For cable diameters 0,03-10 mm² (AWG 32-8). Integrated wire cutters for multi-lead conductors up to 10 mm² (AWG 8) and single-lead conductors up to 6 mm² (AWG 10).

62127



Length mm	62127	...
195		101

Wire Stripping Pliers | Cable cutter

62128 - 62129 Wire Stripping Pliers



Type

Self-adjusting wire stripping pliers. With cable cutter and adjustable length stop. Housing made of glass-fibre reinforced polyamide, metal parts made of especially hardened steel, laminated blades are automatically exactly adjusted to the conductor cross-section. Automatic opening of clamping jaws after wire stripping.

Use

For cutting and stripping fine wires and solid conductors with PVC-insulation.

62128 101

Mini-Stripax®

Use

Lightweight and handy pliers for electronic work.

62128 102

Stripax® RD

Use

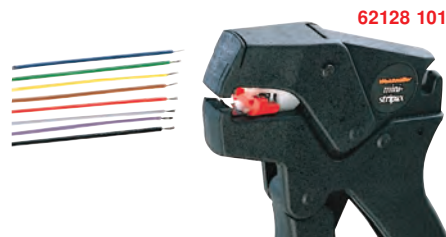
Also for work on multi-lead cables, on thin flat-band cables even suitable for working several conductors in one working step.

62128 103
Stripax® 16 RD
Use

For cross-sections up to 16 mm².

62129

Spare cutter



Type	Work area mm ²	Length mm	Weight g	Spare cutter			
				62128	...	62129	...
Stripax® Mini	0,08 - 1	135	110			101	101
Stripax® RD	0,08 - 10	190	155			102	102
Stripax® 16 RD	6,0 - 16	190	155			103	



62142 Self-Adjusting Wire Stripping Pliers



Type

Made of ductile, glass-fibre reinforced plastics with ergonomic soft plastic handle area. Compact design, high operability, even in hard-to-reach places. Automatically adjusts to the conductor diameter, with wire cutters for copper and aluminium leads with a thickness of up to 2,5 mm². Repetitive application is possible thanks to adjustable length stop form 6 - 18 mm for similar stripping length. Blades easily exchangeable.

Use

For all standard cable cross sections. Suitable for single or multi-lead as well as fine lead conductors of 0.2 - 6.0 mm² with standard insulation.



Work area mm ²	Length mm	Weight g	62142	...
0,2 - 6,0	180	151		101



62130 Wire Stripping Pliers



Type

Ergonomic and **automatic wire stripping pliers** for thick and flexible conductors and stranded wire from 0,2 - 6,0 mm² (AWG 24-10). Adjustment to the cable diameter is not necessary. Suitable for cables with insulation made of PVC and other material. **Special scanning system** to prevent damage to the conductors. Adjustable length stop of 6 - 15 mm for uniform serial stripping operations.

Strategically-placed on the outside, diagonal cutting pliers for conductors up to max. 2.5 mm². Body made of glass fibre reinforced polyamide. Handle with slot hole at the lower end for lanyard. **TÜV/GS tested.**

Use

For quick and precise stripping of insulation even in hard-to-reach places. Electrotechnical industry, electrical engineering, automotive industry.

Work area mm ²	Length mm	Weight g	62130	...
0,2 - 6,0	165	91		201



62131

Cable cutter



Type

One-hand operation, inductively-hardened cutting blades, adjustable joint. Components laser-cut.

Use

For cutting copper and aluminium cables without steel core.

Quality

Special carbon steel.

62131 100
Evo Shark, 180 mm.

62131 102
Shark, 230 mm.

62131 100



62131 102



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

62132

Cable cutter



Type

One-hand ratchet type cutter with 2-gear automatic and replaceable cutting blades. Handles with thick-walled plastic tubes. Optimum lever action. Cable cutting with minimum expenditure of force. Cuts smooth and clean without crushing. The cable cutter can be unlocked in any position. With clamping protection, cutting blades precision-ground.

Use

For cutting copper and aluminium cables, single-wire and multi-wire, can be used even in confined space.

Quality

High-grade special tool steel.

62132 201+202

Type

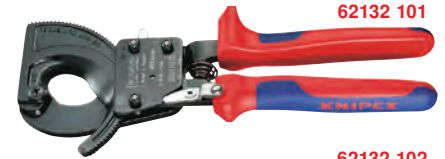
VDE type, with insulated bicolour multi-component-grips.

62132 103+104

Spare cutter



62132 101



62132 102



62132 201-202



	Length mm	Cutting capacity Cu + Al cable Ø mm/mm ²	62132	...
Cable cutter	250	32/240		101
Cable cutter	280	52/380		102
Cable cutter VDE	250	32/240		201
Cable cutter VDE	280	52/380		202
Spare blades	250	32/240		103
Spare blade	280	52/380	#	104

62132 103



62132 104



62154

Cable cutter



Type

- Hardened cutting edges with precision grind, cuts smooth and clean without crushing.
- Stationary handle grip with stand surface for placement when cutting
- Separates Cu and Al cable in one-hand and two-hand operation to a Ø of 60 mm
- **Innovative three-speed gear drive** with high gear ratio for easy cutting in one-hand and two-hand operation
- Easy handling due to low weight and compact design.

Use

For cutting Cu and Al cables, single-wire and multi-wire. Not suitable for steel wire and wire ropes.

Quality

High-grade special tool steel, forged, oil-hardened.

62154 101

Type

Handles with thick-walled, bi-colour, multi-component non-slip grips

62154 201

Type

Handles with thick-walled, bi-colour, multi-component non-slip grips Individually tested in compliance with VDE DIN EN 60900.

62154 101




62154 201



	Length mm	Cutting capacity Cu + Al cable Ø mm/mm ²	62154	...	VDE	...
	320	60		101	62154	201



Special Tools / PPE

62140 VDE Cable Shears  



Type
 - Angled head for optimal view conditions and protection of the wrist
 - Curved pull handle for safe hold, even for large cross sections

- Opening spring and arrest at the top
 - Chrome-plated head, 2-component VDE handle covers with slide-off guard
- VDE design in accordance with DIN EN 60900.
Use
 For copper and aluminium cable. Not suitable for steel wire.



Length mm	Cutting capacity Ø mm/mm ²	62140	...
180	18/50	#	201
220	25/70		202

62138 Cable Shears



Type
 One-hand operation, hardened cutting blades, with clamping protection and adjustable joint. Cuts smooth and clean without crushing.

Use
 For cutting copper and aluminium cable without steel core. Universal implementation for parting, stripping, removing insulation.

Quality
 High-grade special tool steel, forged, oil-hardened.

62138 103
Type
 Head chrome-plated. Handles covered with bicolor multi-component grips. **VDE-tested in compliance with DIN EN 60900.**

62138 106
Type
 With double-sided blade, head chrome-plated. Handles covered with bi-colour multi-component grips. **VDE-tested in compliance with DIN EN 60900.**

Note:
 By dividing the cutting procedure into preliminary cut (insulating sheath in the front cutting area) and post cut (wires in the rear cutting area) cables up to Ø 20 mm can be cut in one-hand operation.



62138 101
Type
 Head burnished, plastic-coated handles.

Length mm	Cutting capacity Ø mm/mm ²	62138	...
165	15 / 50		101
VDE 165	15 / 50		103
VDE 200	20 / 70		106



62133 Universal Cable Shears

Type
 Lockable, with spring. Plastic-coated handles, red.

Quality
 Stainless steel.

Length mm	Cutting capacity Ø mm/mm ²	62133	...
165	12/10		101



62134 Cable Shears

Type
 - Hardened cutting edges precision-ground.
 - No crushing, minimal deformation of the cable
 - Clamping protection prevents crushing injuries
 - Adjustable screw joint
 - Shear body: Surgical steel, rust-free, air-hardened.
 - Handles: Plastic, impact-resistant

62134 101
 - Head polished, handles extrusion-coated with plastic, **VDE tested in accordance with DIN 60900, 1000 V**
 - Easy cutting in one-hand activation through high gear ratio

Note:
 Not suitable for steel wire hard-drawn copper conductors.

Use
 For Cu conductors to 16 mm², multi-wire to 50 mm² and fine-stranded to 70 mm². For Al conductors, multi-wire 70 mm².
Quality
 Special grade stainless steel, hardened and tempered.

62134 100
 - Head polished, handles extrusion-coated with plastic
 - With opening spring and ratchet pawl
Use
 For cutting cables Ø 10 mm / 24 mm².
Quality
 Cutting edges of rust-free steel, hardened in oil and tempered.

62134 100



Length mm	Cu + Al cable Ø mm/mm ²	62134	...
165	10/24		100 NEW
230	16/50		101

Special Tools / PPE

62135

Cable shears/cutting pliers

62135 101-102

RENNSTEIG

Small Cable Shears

Type

Special tool steel, forged. Head burnished, thick-walled plastic handles. Crescent-shaped blades hardened and specially ground. With clamping protection and adjustable joint.

Use

For cutting copper and aluminium cables, sheathing and stripping insulation.

62135 101

With single blade.

62135 102

Double blade for pre-cuts and final cuts (1st and 2nd cutting blade).

Note:

(1) **Pre-cut:** Usage of the front blade ensures an ergonomic length of the handles even when cutting thick cables.

(2) **Final cut:** If more strength is needed, it is possible to use the second blade. Pre-cut: front blade, final cut, back blade.

62135 201-202

HHW

Cable cutters with ratchet principle

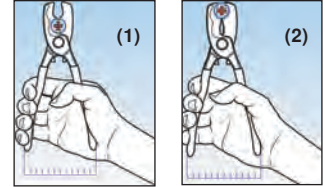
Type

Shear head gun-metal finish, cutting edge ground.

Telescopic arm of anodised aluminium tube with 2-component handles. Handle length can be adjusted in several stages. Opening of the shears is possible in every cutting position. Optimal cutting performance through ratchet principle. Can be used even in confined space conditions and overhead.

Use

For cutting single-wire, multi-wire and fine-stranded Al and copper cables. Also for cables with sheet metal sheathing. Not suitable for wire ropes or steel wire.



Length mm	Cutting capacity Ø mm/mm ²	Weight approx. kg	62135	...
170	15/50	0,2		101
200	20/70	0,3		102
630 - 830	60/740	3,9	#	201
680 - 880	100/960	5,0	#	202



62136

Cable Shears

HHW

Type

Gun-metal finish, cutting edge ground. Telescopic arm of anodised aluminium tube with 2-component handles. -Adjustable screw joint, replaceable head.

Use

For cutting single-wire, multi-wire and fine-stranded Al and copper cables.

Note:

Not suitable for wire ropes or steel wire.

Length mm	Cutting capacity Ø mm/mm ²	Weight approx. kg	62136	...
570 - 770	38/280	2,0	#	201



62137

Cable Shears

HHW

Type

Without compound leverage, special tool steel, cutting head forged, blade ground, adjustable joint, shanks made of tubular aluminium, powder-coated with plastic handles.

Use

For cutting copper and aluminium cables without steel core.

Length mm	Cutting capacity Ø mm/mm ²	Weight approx. kg	62137	...
500	27/150	1,0		101



62139

Cable cutter

Klauke®

Type

Two-hand operation, large cutting range, extendable lever arms, replaceable cutting head.

Use

For cutting copper and aluminium cable to Ø 38 mm. Also for fine-stranded conductors, e.g. VDE 0295 Class 5. Not suitable for cutting steel or steel wire.

Length mm	Cutting capacity Ø mm/mm ²	Weight kg	62139	...
930	38/450	4,2		102



62179 Wire rope shears



62179 101

Type
- Shearing cutting edge, cuts fine-strand wire ropes
- With interior spring, head polished
2-component handles.

62179 103
Type
- Shearing cutting edge, cuts wire ropes and cables
- Steel tube handles with ergonomic plastic hand grips.

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



62151 Wire rope and cable shears



Type
Head polished, plastic covered handles. Minimal expenditure of force thanks to high gear ratio.

62151 101

Type
Bowden cable shears
Sickle-shaped cutting edges close around the material to be cut and prevent the wire rope from splaying. With opening spring and ratchet pawl
Use
For Bowden cables and soft wire ropes (also suitable for V2A) up to Ø 3 mm.
Quality
High-grade special tool steel, forged, oil-hardened.

62151 102
Wire rope shears
Type
With two press profiles for end caps on Bowden sleeves and end sleeves for steel wire pulls. Handy, narrow design and inside opening spring. Screw joint for precise blade guidance, adjustable. Double function: Clean cutting, precise pressing
Use
Cuts all wire ropes, even those with maximum strength, such as tyre cord, clean and without splaying.
Quality
Chrome-vanadium high-strength steel, forged, oil-hardened. Hardness of cutting edges approx. 64 HRC.

62151 104
Wire rope and cable shears
Type
Angular cutting tips enable parting of individual steel strands. Bolted cutter head, replaceable.
Use
For wire ropes and round steel, and for copper and aluminium cables. Suitable for cutting overhead lines with strain relief wires.
Quality
Cutter head of high-grade special tool steel, oil-hardened. Shear body of high-strength aluminium.



Type	Length mm	Wire rope to Ø mm	Cu- + AL-cable to Ø mm/mm²	to wire Ø Medium mm	to wire Ø Piano mm	62151	...
Bowden cable cutter	150	3	-	-	-		101
Wire rope cutter	190	6	7/10	4	2,4		102
Wire rope- und cable shears	600	14	14/150	9	-	#	104

62141 Diagonal Cutting Pliers for Optical Fibre Cable/Glass Fibre Cables



Type
Polished head, handles plastic-coated, with opening spring. With surface ground cutting areas. Cutting

edges additionally inductively hardened.
Use
Specially for parting of glass fibre cable (optical fibre cable).

Quality
Vanadium electrical steel, hardened in oil and tempered.

Length mm	62141	...
160		105



62144 Pelican cutter/notching tool

62144 101



Pelican Shears
Type
With support for plastic panels and cable ducts and support for plastic pipes. Very good results up to the tip of the blades. Same force necessary over the whole cutting length thanks to perfect lever action. Ergonomic handles, good handling. Red plastic handles
Use
For burr-free cutting of plastic panels and pipes, baseboards and cable ducts.
Quality
Burnished, replaceable cutting blades made of hardened special steel.

62144 201
RENNSTEIG
Notching tool
Type
Compact design, easy handling. Pliers opens automatically. Cutting head made of special tool steel. Burnished surface, red plastic handles. Easy, oblique shearing (scissors principle). Clean edges, exact cutting of the rubber lip at the base.
Use
For notching of plastic housings for the electrical and sanitary installation.



Type	Length mm	Cutting length mm	Cutting width mm	Cutting depth mm	62144	...
Pelican cutter	280	110	-	-		101
Notching tool	250	-	16	32		201

Special Tools / PPE

62145 - 62146

Universal Crimping Pliers

62145 101

Type

With wire cutter, wire stripping openings and bolt cutters for M 2,6 - M 5.

Use

For insulated terminals:

- Red 0,5 - 1 mm²,
- Blue 1,5 - 2,5 mm²,
- Yellow 4 - 6 mm².

62145 102

Type

Cutting, shearing of threaded bolts 2,6 mm, 3 mm, 3,5 mm, 4 mm and 5 mm. Crimping of **non-insulated** lugs 1,5 - 6,0 mm², cable stripping of PVC conductors 0,75 - 6,0 mm², cable cutter. Length 225 mm, Weight 225 g.

62145 103

Type

Cutting, crimping of **insulated** lugs 0,5 - 6,0 mm², shearing of threaded bolts 2,6 mm, 3 mm, 3,5 mm, 4 mm and 5 mm. Crimping of **non-insulated** lugs 1,5 - 6,0 mm², cable stripping of PVC conductors 0,75 - 6,0 mm², cable cutter. Length 240 mm, Weight 285 g.

62146 101

Klauke

Type

Oval crimping. With wire cutters and stripping fixture for diameters 0,5 - 6 mm². Crimping and insulation is done in two working step. Length 210 mm, Weight 190 g.

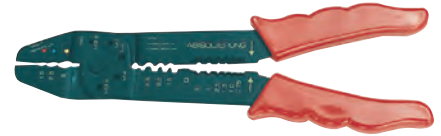
Use

For cutting off screws M 2,6 - M 5.

For insulated terminals:

- Red 0,5 - 1 mm²,
- Blue 1,5 - 2,5 mm²,
- Yellow 4 - 6 mm².

62145 101



62145 102



62145 103



62146 101



Klauke K10

	62145	...	62146	...
		101		101
		102		
		103		

62147

Crimping pliers

Weidmüller

Type

- Universal implementation through frontal introduction
- Short lever travel
- Forced locking guarantees quality crimp
- Unlock possibility in the event of operating error
- Just one forging die for the entire cross section range

Use

For end sleeves (in compliance with DIN 46228 T.1 and 4) with and without plastic collars.

62147 100



62147 101



62147 102



62147 103



Type	Crimping area Ø mm ²	Length mm	Weight g	62147	...
PZ 4	0,5 - 4,0	200	430		100
PZ 3	0,5 - 6,0	200	335		101
PZ 16	6,0 - 16,0	200	380		102
PZ 6	0,14 - 6,0	200	428		103

62181 - 62182

Crimping Pliers for End Sleeves

ATORN

Type

- Marked trapezoidal profiles for secure pressing of sleeve and conductor

62181

Type

- Head polished
- Handles PVC-dipped

62181



62182

Type

- Head polished
- 2-component handle sleeves

62182



Length mm	Crimping area Ø mm ²	62181	...	62182	...
145	0,25 - 2,5		101		101
180	0,25 - 16,0	#	102		102



62148 Frontside-Action Crimping Pliers

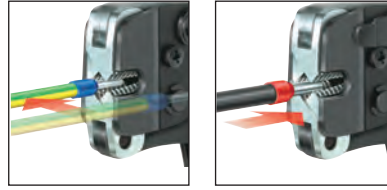


Type

Square crimping profile with 4 moulded crimping surfaces. End sleeves are inserted from the front. Labour-saving leverage action, crimping pressure can be adjusted, pre-selection of crimping areas possible via a lever. Burnished, with ergonomically shaped two-component handles.

Use

For crimping end sleeves according to DIN. Universal implementation, easy handling in confined spaces.



62148 101

Capacity mm ²	Capacity AWG	Length mm	62148	...
0,08 - 10,0	28-7	190		101
0,08 - 16,0	28-5	190		102



62148 102

62149 Pressing Pliers For End Sleeves

Type

Drop-forged, handles with plastic grips. With cable cutter.

Use

For creating solderless wiring connections with insulated and non-insulated connectors, lugs and end sleeves with and without plastic collars.



62149 101



62149 102



62149 103

Crimping area end sleeves mm ²	Length mm	62149	...
0,25 - 2,5	155		101
0,5 - 16,0	220		102
10 - 35,0	220		103

62150 Crimping Pliers for End Sleeves



62150 101+103

Use

For pressing of end sleeves in accordance with DIN 46228 Part 1+4. Pressing in marked **trapezoidal profiles** for secure pressing of sleeve and conductor.

Quality

Vanadium electric steel, forged, oil-hardened.

61150 101

Type

- Head polished, handles with multi-component sleeves.

61150 103

Type

- Head polished, handles insulated with multi-component sleeves, **VDE-tested IEC 60900 DIN EN 60900.**

62150 102

Type

- Head polished, handles with multi-component sleeves.
 - Nine, especially deep profiles with conical sides.

Use

For pressing of end sleeves in accordance with DIN 46228 Part 1+4. Pressing in marked **halfround profiles** for secure pressing of sleeve and conductor.

Quality

Special tool steel, forged, oil-hardened.



62150 101



62150 103



62150 102



Crimping area end sleeves mm ²	Application area AWG	Length mm	No. of Nester	VDE			
				62150	...	62150	...
0,25 - 2,5	23 - 13	145	6		101		103
0,25 - 16,0	23 - 5	180	9		102		



Special Tools / PPE

62153

Plastic Gripping Pliers/Needle-Nose Pliers



Type

- Plastic pliers, glass-fibre reinforced
- Handles with soft plastic zone for secure hold
- Full insulation reduces the risk of short circuit
- Insensitive to magnetic fields
- Completely spark-free

Use

For use on energised parts to AC 1.000 V and DC 1.500 V. Also outstandingly suited for use aggressive chemical environments.

62153 201

Use

For meter installation and meter locking.

NEW

62153 101



62153 202



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

62152

Universal Crimping Pliers

Type

- With precise radial close movement
- Precision through special profile geometries
- With receptacle fixture for **cutting and stripping system Clip & Strip**
- Integrated, unlockable forced lock for securing the complete crimp
- Ergonomic soft handles with slide-off guard
- Minimal hand force due to optimal force transmission
- Completely manufactured of high strength special steel, parts particularly subject to stress are specially tempered.

62152 101

Use

Insulated DIN cable lugs, pin cable lugs, flat connectors, blade receptacles, round receptacles, butt connectors and parallel connectors.

62152 102

Use

Non-insulated flat connectors and blade connectors for DIN tab widths F2,8 / F4,8 / F6,3 / F9,5, as well as various other electronics contacts.

62152 101



62152 102



Note:

In addition, the **Clip & Strip** unit can be plugged into the handles without tools.

For cable cross sections mm ²	Application area AWG	62152	...
0,50 - 6,0	20 - 10	101	
0,25 - 6,0	24 - 14	102	



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

62158

Crimping pliers -Multicrimp- with quick-change system



Type

With **exchangeable crimping inserts**, in magazine. **5-part** with convenient belt clip for secure and clean storage of the crimping inserts. Easy crimping insert exchange without additional tools. Low force necessary thanks to perfect leverage. Unlocking safety catch for reliable, solderless electrical crimping connections. High ease of use thanks to ergonomically-designed two-component handles.

Contents:

- for uninsulated connectors 0,5 - 10 mm²
- for uninsulated flat connectors 0,5 - 6 mm²
- for insulated connectors 0,5 - 6 mm²
- for end sleeves 0,25 - 0,6 mm²
- for uninsulated butt connectors 1,5 - 10 mm².

62158



Length mm	Weight g	62158	...
315	850	101	

62159

Manual Crimping Pliers



Type

Lever system with unlockable forced lock. Ergonomically shaped plastic grips for non-tiring work. Adjustable crimping pressure.

Use

For crimping in compliance with DIN.

Quality

Specialty galvanised high-grade steel

62159 101

For non-insulated flat connectors.

62159 102

For non-insulated flat connectors. Roll crimping.

62159 103

For insulated connectors and terminals. Oval crimping, double crimping.

62159



Application area mm ²	Application area AWG	No. of crimping points	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 Pliers with Compound Leverage



Type
Burnished, two-component handles for improved safety, low jaw range for high crimping power thanks to perfect transmission ratio. Guaranteed solder free, electrical connections. With forced lock for reliable crimping (unlockable). Compact, lightweight design

- 62160 203**
For non-insulated connectors. Dorncrimp crimping.
- 62160 204+205**
For non-insulated flat connectors. F crimping.
- 62160 206**
For insulated connectors. Oval crimping.

- 62160 106**
For insulated connectors and terminals. Oval crimping, double crimping.
- 62160 208**
For end sleeves. Trapezoidal crimping.
- 62160 210**
For coax terminals Hexagonal crimping.

Application area mm ²	No. of crimping points	62160	...
0,5 - 10,0	4		203
0,10 - 2,5	4	#	204
0,50 - 6,0	3		205
0,50 - 6,0	3		206
0,50 - 6,0	3		106
0,25 - 6,0	5		208
RG 58, 59, 62, 71	3	#	210



62163 Crimping Pliers (Pressing Pliers)



Type
Square crimping profile. Lever system with unlockable forced lock. Ergonomically shaped plastic grips, matt chrome finish, burnished, red handles. Adjustable crimping pressure, no presetting necessary, automatic setting of the crimping profile.

Use
For crimping insulated and non-insulated end sleeves for leads. Crimping connections in compliance with DIN and Euro norm.

Application area mm ²	Application area AWG	Length mm	62163	...
0,08 - 10,0	28 - 7	180		101



62164 Crimping Pliers



Type
Hexagonal crimping profile with 6 moulded crimping areas. Lever system with unlockable forced lock. Ergonomically shaped two-component handles, burnished. Adjustable crimping pressure, no

presetting necessary, automatic setting of the crimping profile.
Use
For crimping insulated and non-insulated end sleeves for leads. Crimping connections in compliance with DIN and Euro norm.

Application area mm ²	Application area AWG	Length mm	62164	...
0,08 - 6,0	28 - 9	180		101



62740 Crimping pliers



Type
Lever system with unlockable forced lock. Ergonomically shaped plastic grips for non-tiring work. Adjustable crimping pressure.

- 62740 101-102**
Use
For insulated and non-insulated end sleeves. Trapezoidal crimping.
- 62740 106**
Use
For insulated connectors and terminals.

Application area mm ²	Length mm	62740	...
0,5 - 6,0	205		101
6,0 - 16,0	205		102
0,5 - 6,0	245		106



When you think laterally ...

www.atorn.de

... new ideas arise.

Performance requires quality



62162

End Sleeve Assortment

Type

End Sleeves in Compliance with DIN, Assortment.
In plastic multi-purpose box.

500 pcs. ea.: 1,0/14, 1,5/14,

250 pcs. ea.: 0,5/14, 0,75/14, 2,5/14, 4,0/17,

100 pcs. 6,0/20,

50 pcs. ea.: 10,0/22, 16,0/24.

Dimensions: 355 x 230 x 50 mm. Weight: 1200 g.

62162



Application area
mm²

62162

...

0,5 - 16,0

101

62760

End Sleeve Assortment

ATORN[®]

Type

Assortment box consists of:

Stripping pliers cat.-no. 62126 and crimping pliers

cat.-no. 62740 101 as well as end sleeves

500 pcs. each: 0,5 / 0,75 / 1,0 / 1,5 + 2,5,

250 pcs. each: 4,0 + 6,0 mm².

Dimensions: 340 x 250 x 50 mm.

Weight: 1660 g.

62760



Application
mm²

62760

...

0,5 - 6,0

101

62165

Cable lug assortment

Type

Lug kit from 0,5 - 6 mm². Insulated ring, pin and eyelet terminals as well as cable connectors in compliance with DIN.

Contents:

12 different types, 50 pcs. ea.,

In plastic multi-purpose box.

62165



Application area
mm²

62165

...

0,5 - 6,0

101

62167

End Sleeves for Leads Assortment

HHW

Type

Assortment box consists of: Self-adjusting wire stripper 0,03 - 10 mm², manual crimping pliers for end sleeves, crimping range 0,08 - 10 mm².

Insulated and non-insulated end sleeves for leads 1,0 / 1,5 / 2,5 / 4,0 / 6,0 · 10,0 mm².

Use

For wire stripping and crimping up to 10 mm².

For insulated and non-insulated end sleeves.

A universal aid for the specialist.

62167



62167

...

201

62166

Sets of heat shrink tubing

HellermannTyton

Type

Operating temperature 55° - 135°, shrinking temperature starting at 120°, made of polyolefin, cross-linked, self-extinguishing. This refillable case is the perfect gear for the application in the field. Assortment of multi-purpose heat shrink tubing, assorted according to size and colour.

62166 101

Set Basic, case with 220 sections.

62166 101

62166 102

Set Universal, case with 925 sections.

62166 102



Case contents
pc.

62166

...

220

101

925

102





62193

LED Meisterlampe 3

NEW

62193

Type
 - Small and handy
 - Always on hand in the shirt pocket
 - 8 LEDs with high luminous intensity
 - Rotating, magnetic clip

- Shaped like a pen with pocket clip
 - incl. of 3 x AAA batteries
Use
 Ideal for illuminating surfaces for order acceptance and inspection.



Light flux In (lumen)	LED no. of	Lighting duration h	Length approx. mm	62193	...
60	8	8	160		101

62168

LED Penlight/Rubber Light

62168 401
LED Penlight
Type
 - Stainless steel housing
 - Push-button switch
 - Ultra-bright LED light
 - With clip on the housing
 - Extremely low consumption
 - incl. of Batteries
Use
 Practical diagnostics light.

62168 101
AMPERLED
LED Rubber Light
Type
 - Rubber light with 1x 0.5 watt LED
 - Consisting of plastic core with rubber mantel
 - Super-bright, luminous intensity approx. 15 lumen
 - Light range approx. 30 m
 - Splash-proof
 - With suspension fixture
 - Batteries 2x AA (not included in the scope of delivery)

62168 401



62168 101



Length mm	Weight g	suitable Batteries	62168	...
140	21	2 x Micro (LR3)		401
165	114	2 x Mignon (LR6)		101

62169 - 62173

MAG-Lite torches



62169
Type
 Very bright spotlight. Precision housing made of high-grade aerospace aluminium. Inside and outside anodic oxidation treated housing for maximum rust protection and reliability. Splash-proof thanks to O-rings. Incl. spare lamp secured in the tail cap.

Note:
 62169 201-202 in gift box with batteries.
 Batteries see cat.-no. 39900.

62169 401
Mag-Charger
Type
 Rechargeable.
Scope of supply:
 Torch, 6 Volt battery pack, 12 Volt adapter, 230 Volt Euro charger, battery charger mounting bracket, 2 fixing plates.

62170 101
LED version of the Mini-Mag-Lite.

62170 102-103
LED version for 2 D and/or 3 D torch, up to 10.000 hrs. service life, in cardboard box.

62171 202-204
Spare bulbs
Pack = 2 pcs.
 62171 205
Spare bulb
Pack = 1 pc.
 62172 202
fibreglass attachment
 For Mini Maglite® AA. Length 160 mm.
 62173 202
Leather belt holster black, for Mini-Mag-Lite AA.

62172 202



62169 202



62169 203



62169 301



62169 204



62169 401



62170 101



62170 102



62170 103



Type	Length mm	Reflector Ø mm	Weight g	suitable Batteries	Halogen		LED		Spare bulb		Fibre-glass attachment		Belt holder	
					62169	...	62170	...	62171	...	62172	...	62173	...
Micro-Mag	125	10	48	2 x Micro		201				202				
Mini-Mag-Lite	145	18	108	2 x Mignon		202				202		202		202
Mini-Mag-Lite LED	170	18	118	2 x Mignon				101				202		202
2/C	225	50	440	2 x Baby		203								
2/D	250	57	675	2 x Baby				102						
3/C	275	50	540	3 x Baby	#	301				204				
3/D	315	50	860	3 x Mono		204				204				
3/D LED	315	50	860	3 x Mono				103						
Mag-Charger	315	50	900	-		401			#	205				



62174

Penlight (Explosion Protected)



Type

- Robust and reliable
- Pen format - fits in every jacket pocket
- Practical one-hand operation
- Secure fixation clip
- Batteries 2 x micro AAA 1,5 V

Use

Provides pinpoint brightness in the Ex area, if inspections are necessary in confined spaces.

Note:

Spare batteries see cat.-no. 39900.

Length mm	Suitable batteries	Service life approx. h	Protection rating	Weight g	62174	...
147	2 x Micro	4	IP 54	60		201



62174

62175

Torches (Non-explosive)



Note:

Spare batteries see cat.-no. 39900.

62175 103

PARAT

PX 2 LED

ABS housing. Practical safety lamp, pen size. Perfect as inspection lamp, for the shirt or jacket pocket. 100 % impermeable to dust and water. Pressure switch on the end of the lamp. Inspected and certified. With 2 Micro batteries. Colour: Flame-yellow

62175 203+204

PARAT

PX 1 LED

100 % impermeable to dust and water. Helmet lamp with pressure switch at the lamp base. ATEX Zone 1 and StaubEx tested. With 4 Mignon batteries.

White LED. Output approx. 120 lumen.

Use

For virtually all helmet fixtures.

62175 203

ABS housing (not conductive). Colour flame-yellow

62175 204

XAG housing (high-impedance conductive plastic). Colour red.

62175 101

MityLite 1900 C

Made of extremely impact-proof polycarbonate resin (space technology). Focussed beam. XENON light. Waterproof. Ex zone 2-T4.

Scope of supply:

Laser spot module, light deflection module, 2 batteries.

62175 401

MityLite 1965

Polycarbonate housing, 1 LED 0,5 watt / 21 lumen.

Splash-proof ATEX standard ZONE 0.

With 2- Micro batteries Colour: yellow.

62175 205

StealthLite 2460

ABS housing. 1 LED, 1 watt, 112 lumen. Light range 153 m. service life of the bulb 10.000 h. Waterproof.

ATEX standard ZONE 0.

Scope of supply:

230 V transformer, direct charging cable, NiMH battery pack.

62175 402

Heads Up Lite

ABS housing. 1 LED, 1 watt, 60 lumen. Light range 81 m. service life of the bulb 10.000 h. Splash-proof

ATEX standard ZONE 0.

Scope of supply:

Rubber head band, incl. 3 Micro batteries.

Type	Length mm	suitable Batteries	Burning time (at 10°C) h	62175	...
PX 2 LED	143	2 x Micro	10		103
PX 1 LED	167	4 x Mignon	15-50		203
PX 1 LED (conductive)	167	4 x Mignon	15-50		204
MityLite 1900 C	121	2 x Micro	2		101
MityLite 1965	139	2 x Micro	4		401
StealthLite 2460	178	4 x Mignon NiMH rech. battery	32		205
Heads Up Lite	71	3 x Micro	10		402



62175 103



62175 203



62175 204



62175 101



62175 401



62175 205



62175 402

62176 - 62178

Krypton Torches

AMPERLITE®

62176

Krypton Torch

Type

Precision lamp made of aerospace aluminium. With non-slip profile rings and the handy anti-roll device. Spare bulb integrated in the lamp's tail.

Note:

Batteries see cat.-no. 39900.

62177

Spare bulbs

Pack = 2 pcs.

62178

Nylon holster

Type

Robust nylon holster, black.

For cat.-no. 62176 102.

Torch not included.

62177 102



62176 101



62176 102



62178

Type	Length mm	Suitable batteries	Weight g	Bulb Volt	Torch 62176	...	Spare bulb 62177	...	Holster 62178	...
Amperlite 2670	88	1 x Micro	38	1,2		101		101		
Amperlite 2600	148	2 x Mignon	70	2,4		102		102		101



62187

LED torch



MASTERLED TL 362

Type

- LED (Light Emitting Diodes) torches have a lower power consumption
- A **long service life** (over 20.000 hours)
- High impact resistance and shock resistance, and no energy loss
- Bulb replacement is not necessary
- Housing of impact-resistant and cold-resistant ABS plastic

- Watertight to 1 m
- Shock-resistant
- Specially developed reflector
- Battery requirement: 2 x Mignon AA / LR 6 / 1,5 V (not included in the scope of delivery)

Note:

Batteries see cat.-no. 39900 303.

62187



Luminous flux In (lumen)	LED no. of	LED Watt	62187	...
50	1	1		201

62190

LED Rechargeable Torch

IP X6



Type

- 4 battery modes: Strong light, weak light, flash, SOS
- Rechargeable battery operating time 4 hours, thereafter the luminous intensity drops up to 10% in the mode strong light
- LED lamp (LED CREE 1 W)
- **Electrical protection IP X6 (protected against a pressurised water jet of water)**, in accordance with standard IEC 60529 Section 14.2.6

Scope of supply:

- LED torch
- 1 x Li-ion rechargeable battery
- In-car charger
- Mains charger
- Wrist strap

62190



Light flux In (lumen)	LED no. of	LED Watt	Length (pulled-in) mm	Length (pulled out) mm	Weight (w/o. rech. battery) g	62190	...
135	1	1	150	157	156		201

62191

LED Torch LED LENSER P7.2

IP X3



Type

- The P7.2 is equipped with the lenses of the **Advanced Focus Systems** and the focussing mechanism of the newly developed **Speed Focus**
- You choose from bulb-like circular light, or sharply focussed light that with a range of up to 260 metres
- Watertight in accordance with IPX3
- The modular design torch has a **Dynamic Switch**, that enables 3 different brightness levels
- Up to 50 hours light (in the power-saving stage)

Scope of supply:

LED torch, 4 batteries (AAA), wrist strap, nylon belt pouch, in cardboard box

Note:

Spare batteries see cat.-no. 39900.

62191



Light flux In (lumen)	LED no. of	Length mm	Batteries	Weight (w. batteries) g	62191	...
320	1	130	4 x Micro (AAA)	175		101

62192

LED head torch



Type

- Variable function head torch
- With 10 super-bright LED's
- Switchable to 3 different switch levels, as needed: 3x LED, 6x LED, 10x LED
- Flexible, wide straps for firm seat, adjusts to any head size
- Inclination angle of the light is adjustable
- Resistant to spray water

- With push-button On/Off switch
- Including 3 standard batteries, type AAA
- In blister pack

Use

Perfect for jogging, hiking or general maintenance work on order to have both hands available.

Note:

Spare batteries see cat.-no. 39900.

62192



					62192	...
						101

62280

Three-Arbor Pliers

HellermannTyton

Use

An expanding tool for mounting all kinds of nozzles fast and easily. The nozzles are push onto the arbors and when the pliers are closed, the nozzles

are expanded. Then, the nozzles can be pushed over and placed on the cable.



62280

Pliers type	For Hellermann sleeves Size	For inner Ø mm	max. sleeve 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

62300

Pull-in Perlon Wire

Type

Made of stretched Monofil. With solid steel end pieces and additional search spring, approx.

130 mm long, pull ring on both sides, diameter 4 mm, tensile strength 900 N.

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



62300

62310

Electrician`s Cable Pull-In System Kati-Blitz-Compact-Set

Type

The 3 mm thick PK glass-fibre rod is elastic and as firm against pushing as a bar. Each single glass-fibre is coated with polyester resin. Specially reinforced glass-fibre core. The special guiding head is mounted on a search spring and allows to pull-in the cable even around strong pipe bends. Including accessories and special pull handle (minimum radius 30 mm).

Strain capacity at least 100 kg.

The Kati-Blitz-Compact set consists of:

- 1 ea. guiding head 7-10 mm Ø,
- 5 starter sleeves M 5,
- 3 connection sleeves,
- 5 strain eyelets M 5,
- 1 special strain handle "Kati-Grip"
- 1 cable pull sock 6 - 9 mm Ø,
- 1 bottle of glass-fibre fix glue 3g

Note:

30 and 50 m length available on request.

Length m	62310	...
20		101



62310

62313

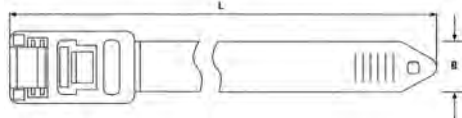
Cable ties, detachable

HellermannTyton

Type

Flexible and sturdy mounting solution, opening is possible.

Made of polyamide, spread of fire in compliance with UL94 HB. Operating temperature -40°C - +85°C, up to +105°C short term. Maximum tensile loading 88 kg or 888 N. Colour yellow. Pack = 5 pcs.



Dimensions approx. mm	62313	...
750 x 12		101

62313

62315 - 62316

Cable Strips

62315

Type

Universal polyamide straps 6.6, internal toothing Weather and temperature-proof from -40°C - + 85°C. Natural colour. Pack = 100 pcs.

62316

Type

Plastics, UV-resistant. Colour: black. Pack = 100 pcs.

Dimensions approx. mm	Natural		Black	
	62315	...	62316	...
102 x 2,5		101		101
150 x 3,6		102		102
200 x 4,8		103		103
282 x 4,8		104		104
368 x 4,8		105		105
380 x 7,8		106		106



62315



62316



Cable Tie Tightening Tool | Wrenches for electrical cabinets

62317

Cable Tie Tightening Tool

Type

Stable fixing tool. The strip end is cut without leaving sharp edges.

Use

For quick and easy fixing of cable strips.

62317



Length mm	For strap width to mm	Bundle Ø to max.	62317	...
170	4,8	108		101
165	7,8	130		102

62318

Cable tie tightening tool



Use

For tightening and cutting-off cable ties.

62318



Length mm	For strap width mm	Weight approx. g	62318	...
160	2,4 - 4,8	309		101

62319

Cable Tie Tightening Tool



Use

Very lightweight tool with easy handling, helps to tighten cable ties of different types and sizes. The tool tightens the cable tie with **pre-set strength** (no damage to the cable) and automatically cuts of the surplus end when the pre-set strength is reached (no danger of injury).

Thanks to its ergonomic shape also suitable for series work.

62319 101

62319 102



Type	For strap width mm	Weight approx. g	62319	...
GTS	2,3 - 4,8	250		101
GTH	4,6 - 8,9	454		102

62323

Fuse and Contact Socket Wrenches DIN 49516

Type

Insulated handle, VDE-tested.

Use

Combined for fuse elements 2 - 25 A and 35-63 A.

62323



Length mm	62323	...
107		101

62324

Wrench for High-Strength Cable Gland Connections (PG Connections)

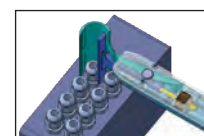
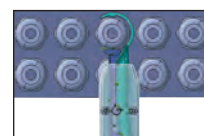
Type

Made of impact-proof PA plastic, **comfortable and secure handling**, clamping jaws made of metal. Infinitely adjustable, one-hand adjustment of Wrench size, countersunk in order to prevent unintended adjustment of the clamping jaw.

62324



AF mm	Length mm	Weight g	62324	...
11 - 24	190	190		101
24 - 32	204	240	#	102



Special Tools / PPE

62325

Universal Control Cabinet Key

62325 203

Functions:

- 1.-2. Internal square 6, 7-8 mm,
3. Inner triangular wrench 9 mm,
4. Bit key 3-5 mm,
5. Double-bit on chain for slotted screws 1 x 7 mm + Philips head screws PH2,
6. Plastic adapter 1/4 inch.

62325 201

Functions:

- 1.-2. Internal square 6, 7-8 mm,
3. Inner triangular wrench 8 mm,
4. Bit key 3-5 mm,
5. Double-bit on chain for slotted screws 1 x 7 mm + Philips head screws PH2,
6. Plastic adapter 1/4 inch.

62325 202

Functions:

1. Outer square 4-10 mm,
- 2.-4. Internal square 5, 7, 8 mm,
5. Inner triangular wrench 8 mm,
6. Double-bit on chain for slotted screws 1 x 7 mm + Philips head screws PH2,
7. Plastic adapter 1/4 inch.

62325 206

For almost all technical locking systems, e.g. gas and water supply, HVAC, for inspection hatches, locking mechanisms for street lights, waste containers, etc.

Functions:

- 1.-4. Internal square 5, 6, 7-8, 9-10 mm,
- 5.-7. Triangular socket 7, 8-9, 10-11 mm,
8. Bit key 3-5 mm,
9. Half-moon 6 mm.

62325 207

Die-cast zinc. For all standard shut-off systems, control cabinets, main distribution and sub-distribution units, street lights, waste bins, for radiator ventilation. 1/4 inch magnetic bit receptacle. With belt clip.

Functions:

- 1.-3. Internal square 5, 6, 7-8 mm,
4. Inner triangular wrench 9 mm,
5. Bit key 3-5 mm,

62325 205

Universal control cabinet key, screwdriver and non-contact, single-pole voltage detector. For all standard switch cabinets. Through a universal 1/4 bit adapter all standard bits can be used. A neodymium permanent magnet securely holds the bits in the adapter. With shirt clip.

Functions:

- 1.-2. Internal square 6, 7-8 mm,
3. Inner triangular wrench 9 mm,
4. Double-bit 3-5 mm,
5. Bit Philips PH2,
6. Plastic adapter for 1/4 inch bits,
7. Bleeding wrench 5 mm.

62325 203



62325 201



62325 202



62325 206



62325 207



62325 205



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
98 x 25	85		207
158 x 28	135		205

62326

Universal Control Cabinet Key TwinKey



Type

- 8-arm version: 2 four-way spider keys connected via magnets to save space
- Reversible bit: Slot 1,0 x 7 mm and cross slot PH 2
- Wrench and reversing bit joined through stable stainless steel wire
- Weight-optimised zinc die-cast combination
- High-quality surface coating.

Use

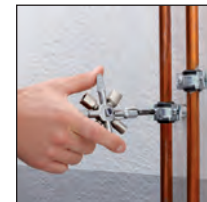
multifunctional key for the actuation of locking systems from the areas of facilities engineering (heating and sanitation, air-conditioning, electro-technology), gas and water supply and shut-off systems

Functions:

- 1.-4. Square: 5 / 6-7 / 8-9 / 10-11 mm,
- 5.-7. Triangular: 7-8 / 9-10 / 11-12 mm,
8. Double-bit: 3-5 mm,
9. Half-moon: 6 mm,
10. Step-like square: 6-9 mm.

Length mm	Weight g	62326	...
95	135		101

62326



62327

Multi-Purpose Construction Site Wrenches

Type

Die-cast zinc.

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

Functions:

1. Square end mandrel key 6/7/8 mm,
2. Double-sided scale graduation in order to determine the necessary profile cylinder,
3. Drive tang for locks with PZ hole pattern,
4. Conical square end 6-10 mm,
5. Hexagonal wrench 3 mm,
6. Bottle opener.

62327



62338 Universal Hook and Loop Fastener

3M

Type
Scotchflex universal hook and loop fastener for bundling cables, etc.

62338

Size	62338	...
20 mm x 10 m		101



62339 Universal hook and loop fastener

3M

Type
Dispenser with 5 m ea. of hook strip and loop strip for easy application. This fastening system provides for an easy and invisible way of mounting and removing. The synthesised natural rubber glue guarantees best holding power on all surfaces.

Use
For quickly-removable mounting solutions in engineering, vehicle manufacturing and trade fair construction.

62339

Size	62339	...
25 mm x 5 m		101



62340 Electrician's insulating tape

3M

Type
Scotch 23 electrical tape, self-fusing. Results in homogeneously fusing layers, with extraordinary dielectric properties, weather-resistant.

Use
Suitable for all standard electrical insulation jobs. Also universally suitable for repairs, for marking and bundling.

62340

Size	62340	...
19 mm x 9,15 m		101



62343 - 62351 Electric Insulating Tape IEC 60454

Type
High-quality soft PVC film, combined with a non-ageing pressure sensitive adhesive on an acrylic base. Tape width 15 mm, tape thickness 0,15 +/- 0,03 mm. High adhesive strength, clinging, self-extinguishing, lead-free, easy to use. Fulfils standards VDE, ÖVE and SEV, tested in compliance with IEC 60454-3-1-10/ F-PVCp/ 105. Temperature resistant from -10° to +105°C.

62343 - 62351

Roll length m	Width mm	Green/yellow 62343	...	Brown 62344	...	Grey 62345	...	Yellow 62346	...	Green 62347	...	Red 62348	...	Blue 62349	...
10	15			101		101		101		101		101		101	
25	15			102	#	102	#	102		102		102		102	

Roll length m	Width mm	Black 62350	...	White 62351	...
10	15			101	101
25	15			102	102



62353 Adhesive Textile Tape

Type
Sealed surface, weather-resistant and non-ageing, can be marked. Electronic properties are far above the requirements for Type G2, in compliance with VDE 0340, Part 2/DIN 40633, Page 2, grey.

Use
For installation and repair works. For winding, reinforcing, protecting, sealing, fixing as well as marking cables, conductors and connections.

62353

Roll length m	Width mm	62353	...
25	19		101



Special Tools / PPE

62354

Alternating Current Voltage Tester 12-1000 Volt

ATORN®

Type

Non-contacting voltage tester, doubles as LED torch. An integrated voltage sensor enables safe determination of alternating current voltage on cable connections, electrical outlets, fuses, switches, strings of lights, junction boxes, etc. Indication of cable breaks.

Indication: Visual and through vibration.

A current flow is not required. IEC/EN 61010-1 CAT III 1000 V. Delivery incl. 2 x 1,5V AAA battery and operating instructions

Note:

Spare batteries see cat.-no. 39900.

62354



For AC voltage Volt	62354	...
12 - 1000		101

62356

Magnetic Field Testers (Non-Contacting)

testboy®

STANDS FOR QUALITY
SINCE 1952

Type

LED display, TÜV/GS tested, integrated LED torch (bulb service life: approx. 80 hours). Delivery incl. 2 x 1,5V AAA battery and operating instructions

Use

For quick and precise checking of electronic switches and valves. Without any set-up time or machine stop, a function test can be executed.

Permanent and synthetic magnetic fields will be indicated by the tip of the tester. The readings of the instruments are very sensitive, so that most of the time they do not even have to be mounted on lids or encasements. A permanent magnet is attached for self-testing.

Note:

Spare batteries see cat.-no. 39900.

62356



Length mm	62356	...
160		101

62355

Multi-purpose voltage tester

62355 101

Type

Stable brass housing with 450 mm long connecting cable and crocodile clamp, pointed tip of the tester can be screwed off, with needle tip.

Use

For testing even through cable lanes.

62355 201

Weidmüller®

Type

Automobile voltage tester Car Check with cable test, low power consumption, testing needle with slider mechanism, no more stripping of insulation. Generous length of cable.

Use

Especially suitable for searching errors of electronic parts.

62355 101



62355 201



Measuring range Volt	Tip mm	Length mm	62355	...
6 - 24	12	120		101
3 - 48	18	137		201

62359

Single-Pole Voltage Testers 150-250 Volt

ATORN®

Type

Ergonomic, transparent handle. With glow lamp and fixation clip Blade of chrome-vanadium steel, plastic-coated.

In accordance with VDE 0680.

Use

For testing direct and alternating current voltage 150 - 250 Volt as well as determination of polarity (plus or minus).

62359



Blade width x thickness mm	Blade length mm	Overall length mm	62359	...
3,0 x 0,8	70	143		101

62360 - 62361

Single-Pole Voltage Testers 150-250 Volt

Type

In compliance with DIN 57680 Part 6, VDE 0680/6.

With screwdriver and clip.

Use

For testing direct and alternating current voltage 150 - 250 Volt as well as determination of polarity (plus or minus).

62360



62361



Blade width x thickness mm	Blade length mm	Overall length mm	Wera 62360	...	Bahco 62361	...
3,0 x 0,5	70	142				101
3,5 x 0,5	42	134				201





62384

Two-Pole Voltage and Continuity Testers

FLUKE

Type

4 possibilities for detecting

AC/DC voltages:

1. A clear presentation of status and measured values via LEDs
 2. Presentation of the measured value on the bright digital display
 3. Continuity test with acoustic signal
 4. A vibration encoder that provides a tangible response
- Backlit measured value display
 - Battery voltage indicator
 - Voltage detection even with discharged batteries
 - Improved receptacle of the test prods for safe storage
 - Rotating field indicator for 3-phase systems
 - Function for testing RCDs
 - Connection a load via two-button operation offers the possibility of drawing a higher current out of the circuit to be tested and triggering residual current devices (RCDs)
 - Holding the measured value on the display
 - Integrated electric torch

- Fast determination of energised conductors via single-pole phase test
- Slide-on test prod
- Protective device for storage of test prods and accessories
- Through the protective device you always have one hand free when opening safety sockets
- Detection of damaged test leads with WearGuard™ insulation
- **Certified in accordance with IEC 61243-3, VDE 0682 Part 401**

Scope of supply:

- 2x AAA (LR03) batteries
- 2x GS38 test prod protector
- 2x 4 mm test prod extension
- Instructions

Note:

Spare batteries see cat.-no. 39900 304.



62384 101



62384 102



Special Tools / PPE

Cat.-no.	62384 101	62384 102
Type	T130 VDE	T150 VDE
Functions:		
LEDs with backlight	x	x
Backlit LC digital display	x	x
Continuity test - visual results	x	x
Continuity test - acoustic results	x (can be switched off)	x (can be switched off)
Vibration at connected load	x	x
Holding the display	x	x
Voltage test	x	x
Polarity display	x	x
Resistance measurement	-	x
Connectable load, can also trigger RCD	x	x
Single-pole test for phase determination without opposite potential	x	x
Direction of rotation indicator	x	x
Test prod protector	x	x
Voltage display with discharged batteries	x	x
Electrical torch function	x	x
Wear indicator for test leads	x	x
Specifications:		
AC and DC voltage	6 - 690 V	6 - 690 V
Continuity test	0 - 400 k	0 - 400 k
Frequency measurement	0 - 400 Hz	0 - 400 Hz
Phase sequence	100 - 690 V	100 - 690 V
Resistance measurement	-	to 1999 ohm
Response time (LEDs)	Less than 0,1 s	Less than 0,1 s
200 k input impedance	Current consumption 3,5 mA at 690 V Current consumption 1,15 mA at 230 V	Current consumption 3,5 mA at 690 V Current consumption 1,15 mA at 230 V
7 k input impedance	Current draw 30 mA at 690 V	Current draw 30 mA at 690 V
Safety specification	CAT III 690V, CAT IV 600V	CAT III 690V, CAT IV 600V
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

When your voice counts ...

www.atorn.de

... your suggestions are heard.

ATORN[®]

Performance requires quality



FLUKE®

Type

- Unique function for accurate voltage and frequency measurements on adjustable speed motor drives, where harmonics overlay the basic frequency
- Built in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument
- Display with large digits and bright two-level backlight ensures that the measuring device can be read off with greater ease
- True-rms AC voltage and current for accurate measurements on non-sinusoidal signals
- Switch-on filter for accurate voltage and frequency measurements on motor drives
- Basic inaccuracy of 0,05% at direct current
- 6000 digits, 3-3/4 places
- 4-1/2 places for precise measurements (20.000 digits)
- Measuring of up to 1000 V AC and DC
- Measuring of up to 10 A, 20 A for up to 30 seconds

- Integrated thermometer means that there is one less instrument that you must carry along with you (including TC sensor)
- Frequency to 200 kHz and % duty factor
- Resistance measurement, continuity test, and diode test
- 10.000 μ F capacity range for components such as Motor capacitors
- Min/Max/mean value detection with Min/Max alert for automatic detection of deviations
- Peak value detection for recording short transients of up to 250 μ s
- Relative value mode for deducting the measuring line interference for low-resistance measurements
- Automatic and manual range selection for maximum flexibility
- Touch Hold for capture of stable measured values without the influence of interference signals
- Large display digits and two-level bright backlight for improved readability
- Analog bar display for fast signal changes or unstable signals

- Input alert provides an acoustic signal if there is a wrong connection on the input sockets
- Flexible adjustment automatic switch-off for extending battery life
- Separate battery compartment for fast battery change without damaging the calibration signal
- Classic design with new removable holster, including integrated holder for test leads and test prods
- Lifelong guarantee

Scope of supply:

- Test leads
- Alligator clips
- Yellow holster
- Temperature sensor
- 9 V battery (installed)
- CD-ROM (user manual, technical information and operating instructions)

Functions	Measuring range
DC voltage	1000 V
AC voltage	1000 V
DC	10 A**
AC	10 A**
Resistance	50 M Ohm
Conductance	60 nS
Capacity	999 μ F
Frequency	> 200 kHz
Temperature	-200° - +1090°
80BK temperature sensor	-40° - +260°

** 20 A up to 30 seconds

62396	...
#	101



NEW

62396



Special Tools / PPE



FLUKE®

Type

- The Fluke 376 clip-on ammeter offers many improved functions for a wide variety of measuring tasks
- It has functions for true RMS measurement of voltages and currents and detects up to 1000 V and 1000 A in AC mode and DC mode
- In addition, the Fluke 376 scope of supply also includes the new flexible iFlex™ clamp meter - it extends the measuring range to 2500 A alternating current and offers greater flexibility for measurements on awkward sized conductors, and for access to cables
- True-rms AC voltage and current for accurate measurements for non-linear signals
- Min/Max/mean value and switch-on current recording for automatic detection of deviations

- Through the integrated low-pass filter and the advanced signal processing measurement results remain stable, even in environments with strong electromagnetic interference
- The in-rush current measurement technology developed by Fluke filters out noise and detects the inrush current, precisely how the protective device sees it
- Thanks to the ergonomic design, the clamp meters rest comfortably in the hand and can also be used effectively when wearing protective equipment
- The measured values are clearly visible on the large, backlit display
- The most suitable measuring range is selected automatically so that the switch position does not need to be changed when measuring
- **CAT IV 600 V, CAT III 1000 V**
- 3-year guarantee

Scope of supply:

- Flexible clamp meter iFlex™ (45 cm)
- Test leads
- Padded carrying pouch
- Instruction card
- Safety information
- 2x AA batteries

Note:

Spare batteries see cat.-no. 39900 303.

Functions	Measuring range
AC	0 - 999,9 A (2% +/- 5 digits)
DC	0 - 999,9 A (2% +/- 5 digits)
AC voltage	0 - 600,0 V (1,5% +/- 5 digits)
DC voltage	0 - 1000 V (1% +/- 5 digits)
Resistance range	0 - 60 kOhm
Clip opening	34 mm
Max. conductor cross section	750 MCM
Frequency measuring range	500 Hz

62426	...
#	101



NEW

62426





Weidmüller

62371

Master Check

Type

This voltage tester has an LED scale that displays all voltage ranges that are usual in a household, from 6-400 V AC/DC. In addition, the device offers polarity display, continuity test, one-hand operation and automatic battery monitoring. Personalised marking is possible via snap-on marker.

62373

Combi Check

Type

The Combi Check with rotating field indication, clear display of left-hand and right-hand rotary field and effective measuring range from 6-690 V AC/DC. Acoustic signal for the continuity test and voltage test. Offers phase test and polarity test, the test prod lighting with white LED is brighter and consumes less power than the yellow LED lights. Personalised marking is possible via snap-on marker.

62372

Combi Check Pro

Type

Voltage tester and switchable load for triggering earth fault, suppression of inductive and capacitive reactive voltages and for discharging capacitors. With rotating field indication, clear display of left-hand and right-hand rotary field. Effective measuring range of 6-690 V AC/DC, acoustic signal for voltage test and continuity test. The Combi Check Pro offers phase test and polarity test, test prod lighting with white LED that is brighter and consumes less power than yellow LED lights. Personalised marking is possible via snap-on marker.

62374

Digi Check

Type

Microprocessor-controlled voltage tester with large four-place LCD display and automatic backlight via light sensor. Large measuring range from 0,3-690 V AC/DC. Moreover, the Digi Check enables continuity and semiconductor test with visual display. For measurements at locations that are hard to see, the display can be frozen via the HOLD button. Test prod lighting with white LED that is brighter and consumes less power than yellow LED lights. Personalised marking is possible via snap-on marker.

62380

Digi Check Pro

Type

The Digi Check Pro with rotating field indication, clear display of left-hand and right-hand rotary field. With large four-place LCD display and automatic backlight via light sensor. Large measuring range from 0,3-690 V AC/DC. With connectable load for triggering earth fault, suppression of inductive and capacitive reactive voltages and for discharging capacitors. Continuity test and semiconductor test with visual display. For measurements at locations that are hard to see, the display can be frozen via the HOLD button. Test prod lighting with white LED that is brighter and consumes less power than yellow LED lights. Personalised marking is possible via snap-on marker.



62371



62373



62372



62374



62380



Cat.-no.	62371	62373	62372	62374	62380
Type	Master Check	Combi Check	Combi Check Pro	Digi Check	Digi Check Pro
Nominal voltage range	6-400V AC/DC	6-690V AC/DC	6-690V AC/DC	0,3-690V AC/DC	0,3-690V AC/DC
Display	LED	LED	LED	Digital LCD	Digital LCD
to 6 V	-	-	-	x	x
6 V	x	x	x	x	x
12 V	x	x	x	x	x
24 V	x	x	x	x	x
50 V	x	x	x	x	x
120 V	x	x	x	x	x
230 V	x	x	x	x	x
400 V	x	x	x	x	x
690 V	-	x	x	x	x
Voltage display	-	-	-	4-place	4-place
Polarity (+/-)	x	x	x	x	x
Continuity test	x	x	x	x	x
Single-pole phase test	-	x	x	x	x
One-hand test	x	x	x	x	x
Test prod lighting	-	x	x	x	x
HOLD function	-	-	-	x	x
Rotating field display	-	x	x	-	x
Connectable load	-	-	x	-	x
30 ma earth leakage tripping via button	-	-	x	-	x
Power supply	2 x 1,5V AAA	2 x 1,5V AAA	2 x 1,5V AAA	2 x 1,5V AAA	2 x 1,5V AAA
Peak withstand voltage	8kV	8kV	8kV	8kV	8kV
Protection rating	IP65	IP65	IP65	IP65	IP65
Operating temperature	-15°C...+45°C	-15°C...+45°C	-15°C...+45°C	-15°C...+45°C	-15°C...+45°C
Dimensions mm	287 x 68 x 23	287 x 68 x 23	287 x 68 x 23	287 x 68 x 23	287 x 68 x 23
Weight g	290	290	290	290	290

Type	62371	...	62373	...	62372	...	62374	...	62380	...
Master Check			201							
Combi Check				101						
Combi Check Pro					101					
Digi Check							101			
Digi Check Pro									101	

Special Tools / PPE

62381

Ever-ready case (empty)

Use

For double-pole voltage testers.

62381

104

62381



62382

Double-Pole Voltage Testers 6-1000 Volt

IP
65**ATORN®**

Type

Display of direct and alternating current voltage from 6 - 1000 volt. Automatic measuring range selection, single-pole phase search, two-pole rotating field test, earth fault/RCD test (30 mA). Ultra-bright LED torch function (white), easy to operate click system for adjusting to the power outlet dimensions. Special prods also suitable for WAGO terminals. Removable 4 mm test prods and GS 38 test attachments. Optimal one-hand operation, captive test prod protection. Rubberised handles, IP65, dust-tight and protected against water jets. **CAT IV 1000 V in accordance with IEC/EN 61243-3.**

62382 301

Type

Continuity test to 500 k Ohm (acoustic and visual). Visual signal if there is lethal high voltage from 35 V. With LED display.

62382 302

Type

Resistance measurement to 2000 Ohm, Continuity test with acoustic signal to 150 ohm. Automatic switch-off function prevents fast battery drain. LCD-display with background illumination for easier read-off of phase or rotating field for all operators. Data-HOLD function.

62382 301



62382 302



Dimensions mm	Protection rating	Weight g	62382	...
238 x 70 x 30	IP 65	200		301
238 x 70 x 30	IP 65	200		302

Info

Testing and Measuring Devices

BENNING

Double-pole voltage tester

DUSPOL®	Display	Display levels	Continuity Test	Rotating field Test	Phase-Test	Polarity Test	Cat.-no.
expert	LED	12 - 1.000 V	Summer + LED	Yes / LED	Yes / LED	Yes / LED	62387 201
Analog	Moving coil / LED	12 - 1.000 V	No	Yes / LCD	Yes / LCD	Yes / LED	62389 201
digital	LCD / LED	1 - 1.200 V	Summer + LED	Yes / LED	Yes / LED	Yes / LCD	62390 201

Line and continuity testers

	Display	Voltage AC	Continuity test	External voltage protection	Phase test	Torch function	Cat.-no.
DUTEST pro®	LED	No	Summer + LED	Yes / Summer + LED	Yes / LED	Yes	62405 101

Phase Sequence Indicator

	Display	Voltage AC	Rotating field-Test	Phase-Test	Torch-Function	Cat.-no.
TRITEST pro®	LED	Yes	Yes / LEDs	Yes / LEDs	Yes	62406 101

Digital Multimeter

	Voltage AC	Voltage DC	Current	Resistance	Continuity/Diode	Frequency	Cat.-no.
MM P3	0,1 mV - 600 V	0,1 mV - 600 V	No	0,1 ohm - 40 M	Yes	1 MHz - 5 MHz	62393 101
MM 1	1 mV - 600 V	0,1 mV - 600 V	0,1 µA - 3,2 mA DC	0,1 ohm - 32 M	Yes	No	62395 101
MM 3	1 mV - 600 V	1 mV - 600 V	0,1 µA - 20 A AC/DC	0,1 ohm - 20 M	Yes	1 Hz - 200 kHz	62395 102
MM 4	1 mV - 600 V	1 mV - 600 V	0,1 A - 300 A AC	0,1 ohm - 42 M	Yes	No	62395 103
MM 7-1	10 µV - 1.000 V	10 µV - 1.000 V	10 µA - 10 A AC/DC	0,1 ohm - 40 M	Yes	0,01 Hz - 100 kHz	62395 104
MM 1-3	0,1 mV - 750 V	0,1 mV - 1000 V	1 mA - 10 A AC/DC	0,1 ohm - 20 M	Yes	1 Hz - 20 MHz	62395 201

Digital Clamp Meter Multimeters

	Voltage AC	Current	Resistance	Continuity	Jaw opening	Cat.-no.
CM 2	1 mV - 600 V	100 mA / 10 mA - 300 A AC/DC	0,1 ohm - 40 M	Yes	25 mm	62422 102
CM 1-2	0,1 V - 600 V	0,1 A - 400 A AC	0,1 ohm - 20 M	Yes	30 mm	62422 201
CM 5-1	0,7 V - 1000 V	0,9 A - 600 A AC/DC	1,0 k - 20 M	Yes	35 mm	62422 207

62385

Two-Pole Universal Voltage Tester PROFIPOL

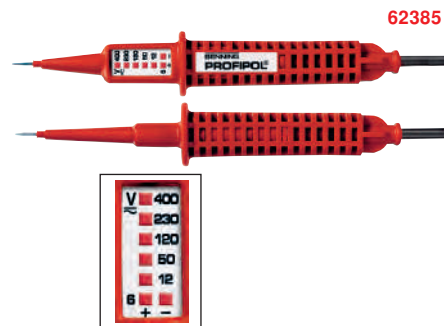


BENNING

Type

Display of direct and alternating current voltage from 6 Volt - 400 Volt. Display: 6, 12, 50, 230 and 400 Volt. Polarity checks at direct current voltage by means of LED. **Protection class: IP 65.** Impact resistant, **dust-tight and water-tight housing** tested and certified in accordance with **IEC 61243-3, VDE 0682 Part 401.**

Volt	62385	...
6 - 400 V AC/DC		101



62385

62386

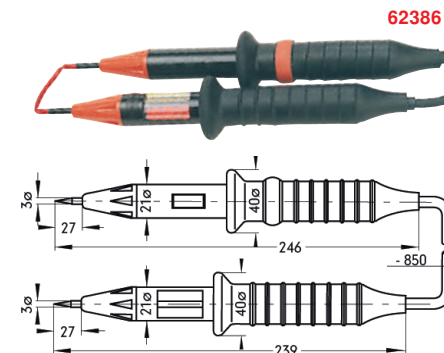
Two-Pole Voltage Testers

Type

Housing made of black macrolon. Oil-resistant and non-flammable rubber handles with elastic finger protection. A rugged, double electricity and temperature insulated measuring instrument inside the rubber handle on one side. The second housing is equipped with an enlarged window for polarity and phase display. Below the clear red Perbuan ring, there is a ring switch for switching on and off the

measuring system. With a large, strong lightening glow lamp. Below the large Makrolon-magnifying glass, there is a red shining scale for **direct current voltage from 120-750 Volt.** Yellow scale for **alternating voltage from 120-750 Volt.** Heavy-duty insulated, oil-proof, single-lead connecting cable approx. 1 m long. Flat, insulated contact points fits to CEE-sockets and plug-in clamps.

Volt	62386	...
120 - 750 V AC/DC		201



62386

62387

Two-Pole Voltage and Continuity Tester DUSPOL® expert

BENNING

Type

- Voltage from 12 V - 1.000 V AC/DC (LED)
- Display levels: 12, 24, 50, 120, 230, 400, 690, 1.000 V AC/DC
- Acoustic/visual continuity test to 100 k
- Phase sequence test/phase test, polaritytest (LED)
- Direct display without button activation (high-impedance test)
- Load connect via pressure switch (low-impedance test)
- Intentional tripping of the earth leakage circuit breaker
- Vibration alarm in the tester handle
- Switch-on measuring point illumination
- Touchless cable break detector

- **Protection rating IP 65** (dust-tight/spray water protected)
- Robust housing guide with rubberised grip surface
- Incl. 2 x 1,5 V AAA Micro batteries (voltage display starting at 50 V, even with dead batteries)
- Tested and approved in accordance with: **DIN EN 61243-3, VDE 0682-401:2011-02**
- Overvoltage category: **CAT IV 600 V, CAT III 1000 V.**

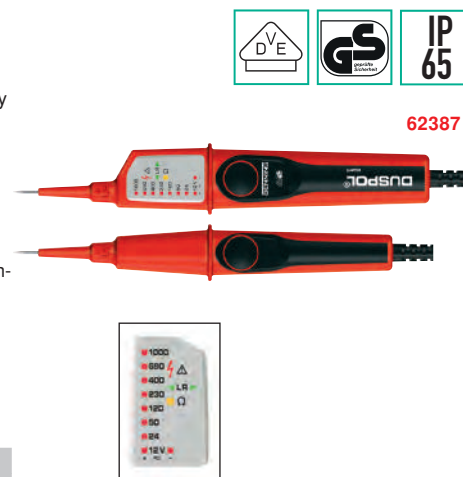
Use

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

Note:

Suitable carrying bag see cat.-no. 62381.
Spare batteries see cat.-no. 39900.

Volt	62387	...
12 - 1.000 V AC/DC		201



62387

62389

Two-Pole Voltage Tester DUSPOL® Analog

BENNING

Type

- Voltage from 12 V - 1.000 V AC/DC (LED/moving coil)
- Display levels: 12, 24, 50, 120, 230, 400, 690, 1.000 V AC/DC
- Phase sequence test/phase test (LCD), polarity check (LED)
- Direct display without button activation (high-impedance test)
- Load connect via pressure switch (low-impedance test)
- Intentional tripping of the earth leakage circuit breaker
- Vibration alarm in the tester handle
- **Protection rating IP 65** (dust-tight/spray water

- protected)
- Robust housing design with rubberised grip surface
- **Safety always and everywhere:** Batteries not required
- Tested and approved in accordance with: **DIN EN 61243-3, VDE 0682-401:2011-02**
- Overvoltage category: **CAT IV 600 V, CAT III 1000 V.**

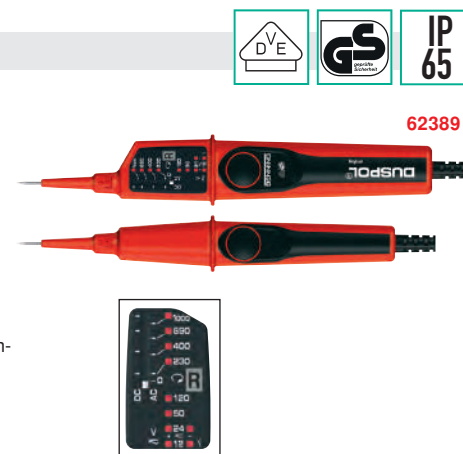
Use

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

Note:

Suitable carrying bag see cat.-no. 62381.

Volt	62389	...
12 - 1.000 V AC/DC		201



62389

Special Tools / PPE

62390

Two-pole TRUE RMS voltage and continuity tester DUSPOL digital

BENNING**Type**

- Voltage from 1 V - 1.000 V AC TRUE RMS / 1.200 V DC (LCD)
- Display levels: 50, 120, 230, 400 V AC/DC (LED)
- Acoustic/visual continuity check to 100 k
- Resistance measurement: 0,1 k - 300 k (LCD)
- Diode test: 0,3 V - 2 V (LCD)
- Phase sequence test/phase test (LED), polarity test (LCD)
- Frequency measurement: 1 Hz - 1.000 Hz
- Touchless cable break detector
- Direct display without button activation (high-impedance test)
- Load connect via pressure switch (low-impedance test)
- Intentional tripping of the earth leakage circuit breaker

- Vibration alarm in the tester handle
- Measurement point and display illumination
- **Protection rating IP 65** (dust-tight/spray water protected)
- Robust housing design with rubberised grip surface
- Incl. 2 x 1,5 V Micro batteries (voltage display starting at 50 V, even with dead batteries)
- Tested and approved in accordance with: **DIN EN 61243-3, VDE 0682-401:2011-02**
- Overvoltage category: **CAT IV 600 V, CAT III 1000 V.**

Use

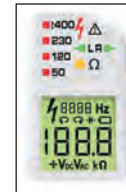
Suitable for electrical engineering, industry, maintenance, service (troubleshooting), photovoltaic / wind turbines and hybrid vehicle technology.

Note:

Suitable carrying bag see cat.-no. 62381.
Spare batteries see cat.-no. 39900.



62390



Volt	62390	...
1 - 1.000 V AC / 1200 V DC (TRUE RMS)		201

62391

Digital Multimeter

ATORN®**Type**

Multimeter with 3 1/2 place, digital LC display, Auto-power-off function.

Measuring ranges:

- DC voltage:** 200 mV to 400 V,
- alternating current voltage:** 2 V to 400 V,
- direct current:** 2 mA to 4 A,
- alternating current:** 200 mA to 4 A,
- resistance:** 200 ohm to 20 M.

Special features:

Diode test, continuity acoustic, LED torch, 1 x measuring leads, touchless voltmeter with carrying bag. **CAT III 300 V, tested and certified in accordance with: IEC EN 61010-1.**

Accuracy (DC): +/- (0,8% of measured value + 5 digit)

Power supply: 2 x 1,5 V AAA.

Note:

Batteries see cat.-no. 39900.

62391



	62391	...
		201

62393

Digital Multimeter

BENNING**Type**

Extremely compact housing (132 x 86 x 19 mm), high basic accuracy VDC of 0,7%, only 130 g, incl. accessories. Measured value storage, low-voltage battery display and automatic shut-down after 30 min.,

Measuring category CAT III 300 V, CAT II 600 V.

Leather case included, measuring leads and batteries.

Measuring ranges:

- DC voltage:** 0,1 mV to 600 V,
- alternating current voltage:** 0,1 mV 600 V,
- resistance:** 0,1 ohm to 40 MOhm,
- capacity:** 10 pF to 100 µF,
- Frequency:** 1 MHz to 5 MHz,
- diode check:** 1,1 mA,
- continuity check:** 50 Ohm.

62393



	62393	...
		101

62394

Digital Multimeter

**Type**

With integrated, touchless voltage sensor and integrated LED torch. Automatic switch-off, data hold function for assuring multiple measurements. Auto-range function (prevents manual rangeswitch).

Acoustic continuity tester, diode test. Delivery incl.

Measuring lines, carrying bag, 2 batteries (1.5 V AAA Micro LR03), operating manual.

TÜV/GS tested and approved in

compliance with IEC/EN 61010-1 (DIN VDE 0411).

Measuring ranges:

- direct current voltage** 200 mV - 600 V,
- alternating current voltage** 200 mV - 600 V,
- direct current** 200 µA - 10 A,
- alternating current** 200 µ - 10 A,
- Resistance** from 200 Ohm to 20 MOhm.

Note:

Spare batteries see cat.-no. 39900 304.

62394



	62394	...
		201



62395

Digital Multimeters

BENNING

Type
With automatic and/or manual range selection, automatic switch-off, low battery indicator. Incl. Rubber holster, compact bag, battery set and measuring leads.

Note:
Spare batteries see cat.-no. 39900.

62395 101-103
Type MM 1 / MM 3 / MM 4
Type

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

Note:
Type MM 4 (cat.-no. 62395 103) with plug-on clamp meter for safe measurement of current to 300 A AC.

62395 201
Type MM 1-3
Type

- Integrated volt sensor signals phase voltages via an acoustic signal and red LED signal
- Localises cable breaks and defective bulbs in exposed lines (cable drums, chains of lights) starting from the infeed side of the phase.
- Incl. Rubber suspension fixture and wire temperature sensing element with adapter, **without rubber holster**

62395 104
Type MM 7-1
Type
- TRUE RMS for precise measuring results, even for non-sinusoidal signal sequences
- Highest measuring category CAT IV 600 V for maximum safety
- AutoV function for automatic AC/DC voltage detection and low input impedance (LoZ) to suppress capacitive/inductive interspersed voltages
- Peak value detection (PEAK)
- Integrated volt sensor signals touchless phase voltages and cable breaks in lines
- 4-place LC display with bar graph display and backlight
- incl. of Wire temperature sensor with adapter



Type	62395	...
MM 1	101	
MM 3	102	
MM 4	103	
MM 1-3	201	
MM 7-1	104	

Cat.-no.	62395 101	62395 102	62395 103	62395 201	62395 104
Type	MM 1	MM 3	MM 4	MM 1-3	MM 7-1
Display range	3.200	2.000	4.200	2.000	6.000
Basic accuracy	0,5 %	0,5 %	0,5 %	0,5 %	0,08 %
Voltage AC	1 mV - 600 V	0,1 mV - 600 V	1 mV - 600 V	0,1 mV - 750 V	10 μV - 1.000 V
Voltage DC	0,1 mV - 600 V	0,1 mV - 600 V	1 mV - 600 V	0,1 mV - 1.000 V	10 μV - 1.000 V
Current AC	-	0,1 μA - 20 A	0,1 A - 300 A	1 mA - 10 A	10 μA - 10 A
Current DC	0,1 μA - 3,2 mA	0,1 μA - 20 A	-	1 mA - 10 A	10 μA - 10 A
Resistance	0,1 Ohm - 32 MOhm	0,1 Ohm - 20 MOhm	0,1 Ohm - 42 MOhm	0,1 Ohm - 20 MOhm	0,1 Ohm - 40 MOhm
Continuity / diode	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Frequency	-	1 Hz - 200 kHz	-	1 Hz - 20 MHz	0,01 Hz - 100 kHz
Capacitance	-	1 pF - 200 μF	-	1 pF - 2 mF	1 nF - 10 mF
Temperature	-	-	-	-20 °C to +800 °C	-40 °C to +400 °C
Volt sensor	-	-	-	Yes	Yes
Memory function	HOLD	-	HOLD	HOLD, MAX/MIN	HOLD, MAX/MIN
Measurement method	RMS	RMS	RMS	RMS	TRUE RMS
Measurement category	CAT III 600 V	CAT III 300 V	CAT III 300 V	CAT III 600 V	CAT IV 600 V

62399

Voltage-Proof Continuity Testers

ATORN®

Type
Combined with LED-torch. Fully insulated plastic housing, **splash-water protection**. Contactless voltage test, dielectric test strength to 400 V. Visual test range: 0 - 20 ohm, Acoustic test range with simultaneous use as torch: 0 - 250 ohm. Built-in current detector (glow lamp) warns when working on live AC leads. Instrument inclusive of test leads in plastic case, without battery.
In accordance with IEC/EN 61010-1.

Note:
Batteries (3 x 1,5 V AA Mignon)
see cat.-no. 39900 303.

62399



Type	62399	...
	101	

62405

Line And Continuity Tester DUTEST® pro

BENNING**Type**

- Continuity and diode test via LED's and test buzzer
- Visual display via 3 LED's: 0 - 100 ohm / 1 k / 10 k
- Acoustic indication via test buzzer to approx 100 ohm
- External voltage indicator: 6 - 400 V (LEDs / test buzzer)
- Polarity test
- Single-pole outer conductor test (phase)
- Touchless cable break detector

- Precision high-performance LED torch lamp
- Buzzer volume and brightness of the LED torch can be individually adjusted (4-level)
- Integrated magnetic holder and belt clip on the rear of the housing
- Delivery incl measuring lead set
- Measurement category: CAT III 300 V

Use

For testing high-impedance and low-impedance resistors.

Note:

Batteries see cat.-no. 39900.

NEW

62405

Type

62405

...

DUTEST pro®

201

62406

Phase-sequence indicator TRITEST® pro

BENNING**Type**

- Display of right and left rotating field via green/red LED
- Display of phase voltages L1, L2 and L3 via red LED
- Voltage range: 400 V - 500 V AC (50 Hz - 60 Hz)
- Powerful, high-performance LED torch

- Integrated magnetic holder and belt clip on the rear of the housing
- Delivery incl. measuring lead/test prod set and alligator clip
- Measurement category: CAT III 300 V

Note:

Batteries see cat.-no. 39900.

NEW

62406

Type

62406

...

TRITEST® pro

101

62411

Metal Locating Device

BOSCH**Type**

Pinpoint display of the centre of the object with the centre-finder scale. Better visibility of the result through illuminated display. Marking opening with three-colour LED luminous ring. Three detection modes for different applications: Drywall mode, metal mode, mode for energised cables. Location to a depth of 12 cm. Materials that can be detected:

Ferrous metals, non-ferrous metals, wood sub-structures, energised lines. Intuitive operation with automatic calibration. Power supply: 1 x 9V 6LR61.

Scope of supply:

GMS 120, protective pouch, wrist strap, battery.

Note:

Batteries see cat.-no. 39900.



62411

Type

Detection depth max. mm
Steel / copperSwitch-off auto.
approx. min.

62411

...

GMS 120

120 / 80

5

301

62422

Digital Clamp Meter Multimeters

BENNING

62422 102+201

Type

3 1/2-digit LC-display, automatic measuring range selection, switch-off automatic, low-voltage battery display. Incl. compact bag, measuring leads and battery.

62422 102

CM 2

Tested and permitted in compliance with EN 61010, Part 1. TRUE RMS, measured value/maximum value detection, relative measurements. Clip opening max. 25 mm. **Overvoltage category 300 V CAT III, 600 V CAT II.**

62422 201

CM 1 - 2

Measured value storage (Hold), max. jaw opening 30 mm, **overload category CAT III 600 V.**

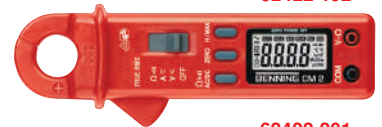
62422 207

CM 5-1**Type**

4-digit LC-display, Autotest mode, additionally with automatic selection of the correct measuring function of True RMS (root mean square) voltage/current (AC/DC), resistance, continuity, and diode. 5 scan values per second. Voltage measurement with low input impedance (LoZ) to suppress capacitive and inductive voltage, diode check (0,4 V - 0,8 V). ZERO mode. Opening max. 35 mm. Automatic measuring range selection, shutdown, low-voltage battery display, measured value storage (Hold). **Measured value category CAT IV 600 V, CAT III 1000 V. Incl. bag, battery, measuring leads.**



62422 102



62422 201



62422 207



Type

Measuring range
VoltageMeasuring range
Alternating currentMeasuring range
Direct currentMeasuring range
ResistanceMeasuring range
Continuity test

62422

...

CM 2

0,1 mV to 600 V

100 mA to 300 A

10 mA to 300 A

0,1 Ohm to 40 MOhm

50 Ohm

102

CM 1-2

0,1 V to 600 V

0,1 A to 400 A

-

0,1 Ohm to 20 MOhm

20 Ohm

201

CM 5-1

0,7 V to 1000 V

0,9 A to 600 A

0,9 A to 600 A

1,0 Ohm to 10 kOhm

-

207





62425

Digital Mini Clip-On Ammeters



Type
In compliance with IEC/EN 61010-1 (DIN VDE 0411). With 4-digit LC-display. Manual or automatic measuring range selection, alternating current measurement, alternating and direct current measurement, continuity and diode check and resistance measurement. Max. mount Ø 28 mm. Continuity test 50 ohm with acoustic signal. Resis-

tance up to 60 Megaohm. **Overload category CAT III 600 V. Protection rating IP 44.** Dimensions: 220 x 75 x 35 mm. scope of supply: 3 batteries, (1,5 volt AAA Micro, LR03) operating instructions, 1x measuring lead, carrying bag.

Note:
 Spare batteries see cat.-no. 39900 304.



62425

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

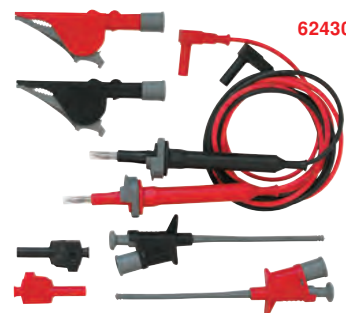
62430

Heavy-duty test lead set

Type
8-part Cat. III, 1000.
 Contents: 2 x repair adapter red/black, 600 V CAT II / 20 A, 2 x tapping prod red/black, 1000 V CAT III, 6 A, 2 x alligator clip red/black 1000 V CAT III, 600 V CAT IV / 36 A, 2 x safety measuring leads red/black, 1380 mm, 5949-IEC-120 / 1000 V CAT III / 20 A with slip protector.

Use
 For all standard multimeters with 4 mm sockets type.

Contents	62430	...
8-part		101



62430

62435

Cable detector set with LED torch, voltage-proof

Type
- In accordance with DIN VDE 0411, IEC/EN 61010-1
 - Acoustic indication
 - Carrier signal from the transmitter is either modulated to a cable, thus fast and precise location of the cable end, even without contacting or stripping the cable.
 - Volume control for adapting the sensibility to the ambient conditions
 - With integrated continuity tester for fast and safe determination of short circuits

- Through the LED display of the transmitter, detection of digital and Analog connections is possible
 - Delivery including lined carrying bag with belt loop, 2 batteries (9 V block) and operating instructions.
Use
 Simplifies detecting wires in walls and cable ducts.
Note:
 The Testboy 26 is voltage-proof.
 Spare batteries see cat.-no. 39900 405.

Power supply V Block	Dimensions (receiver) mm	Dimensions (transmitter) mm	Weight g	62435	...
2 x 9	230 x 55 x 23	55 x 57 x 23	244		101



62435

62440

Battery-operated tester ST 710

BENNING

Type
Simple(operation via three buttons), **quick**(complete test within 10 seconds), **mobile** (tests can be done independent of a power source, battery capacity for 2.500 test pieces), automatic tests for devices of classes I, II (III), extension cords and connection cords with inlet connector for non-heating apparatus with good/bad display. Limit values preset in compliance with VDE standard.
Measurements: Protective conductor (200 mA test current), insulation resistance (500 V test voltage), protective conductor current / touch current (equivalent leakage current method), Line test incl. RPE, RISO, continuity test/short-circuit test of the phase conductor/neutral conductor, voltage on external earthing contact socket outlet (L-N, L-PE, N-PE). 3-phase test pieces can be tested by means of as an option measuring adapter.

Scope of supply:
 - Device tester
 - Pouch
 - Test lead with alligator clip
 - Power cord
 - Batteries (6 x 1,5 V, Mignon, AA, IEC LR6)
Use
 Testing of electrical devices/working appliances such as power tools, motor-driven tools, lamps, extension cords, domestic appliances, **in compliance with VDE 0701-0702, BGV A3.**
Note:
 Test badges (300 pcs.), measuring adapter 16 A/ 32 A CEE-Schuko (earthed connector) for 3-phase test pieces available on request.
 Spare batteries see cat.-no. 39900 303.

Type	62440	...
ST 710		101



62440

Special Tools / PPE

62490

Pliers and VDE-Screwdriver Kits

KNIPEX

Type

- 11-part, in roll-up case
- Pliers head chrome-plated
- Handles with thick-walled, bi-colour, multi-component non-slip grips
- Screwdrivers fully insulated, **individually tested in compliance with VDE DIN EN 60900, 1000 V**

Use

For telecommunications engineers and electrical engineers.

Quality

Pliers made of chrome-vanadium electro steel.

62490



Contents	Size
1 combination pliers	160 mm,
1 wire stripper	160 mm,
1 radio pliers	160 mm,
1 long flat-nose pliers	160 mm,
1 long round-nose pliers	160 mm,
1 needle-nose pliers, flat	160 mm,
1 high-leverage diagonal cutting pliers	140 mm,
1 diagonal cutting pliers	140 mm,
1 screwdriver, blade width	2,5 mm,
1 screwdriver, blade width	4,0 mm,
1 Phillips screwdriver	size 1.

Contents	62490	...
11-part		101

62500

VDE-Electrician's Tool Kit

KNIPEX

Type

- 15-part, in in plastic roll-up case
- Tools fully insulated
- **Individually tested in compliance with VDE DIN EN 60900, 1000 V**



62500



Contents	Size
1 combination pliers	200 mm,
1 wire stripper	160 mm,
1 needle-nose pliers, with cutting edge	200 mm,
1 diagonal cutting pliers	160 mm,
1 cable shears	230 mm,
1 cable stripping knife,	
1 ea. screwdriver	2,5 / 4,0 / 5,5 / 6,5 mm,
1 ea. single open-end wrench	AF 10 / 13 / 14 / 17 / 19 mm.

Contents	62500	...
15-part	#	101

62510

VDE-Electrician's Tool Kit

KNIPEX

Type

- 26-part, in impact-resistant plastic case
- Tools fully insulated
- **Individually tested in compliance with VDE DIN EN 60900, 1000 V**



62510



Contents	Size
1 combination pliers	200 mm,
1 diagonal cutting pliers	160 mm,
1 cable stripping knife,	
1 cable sheathing knife,	
1 ea. single open-end wrench	AF 10 / 11 / 12 / 13 / 14 / 17 / 19 mm,
1 each screwdriver	2,5 / 3,5 / 4,0 / 5,5 mm,
1 each Phillips screwdriver	00 / 01 / 02,
1 ea. socket 1/2 inch	AF 10 / 11 / 12 / 13 / 14 / 17 / 19 mm,
1 T-handle 1/2 inch	200 mm.

Contents	62510	...
26-part	#	101



VDE Tools

62520

VDE-Electrician's Tool Kit



Type
48-part, in heavy-duty ABS case. Perimeter aluminium frame with D-rings for attaching a carrying strap and permanently mounted, stable, middle panel that can be filled on both sides, with a variety of insertion possibilities through elastic loops

and 12 small pockets. Opens on one side or both sides, 2-element numeric lock. Tools fully insulated. **Individually tested in compliance with VDE DIN EN 60900, 1000 V.**

62520



Contents	Size
1 combination pliers	200 mm,
1 wire stripper	160 mm,
1 diagonal cutting pliers	160 mm,
1 cable shears	200 mm,
1 water pump pliers Alligator	250 mm,
1 ea. single open-end wrench	AF 10 / 13 / 14 / 17 / 19 / 22 mm,
1 ea. single ring wrench	AF 10 / 13 / 14 / 17 / 19 / 22 mm,
1 ea. screwdriver	2,5 / 4,0 / 5,5 / 6,5 mm,
1 ea. screwdriver	PH 1, PH 2,
1 T-handle 1/2 inch	165 mm,
1 reversible ratchet 1/2 inch	265 mm,
1 ea. extension 1/2 inch	125 and 250 mm,
1 ea. socket 1/2 inch	AF 10 / 11 / 12 / 13 / 14 / 17 / 19 / 22 / 24 mm,
1 cable stripping knife	180 mm,
1 cable sheathing knife	155 mm,
6 plastic clamps	clamping width 15 mm,
1 pair electrician's gloves	size 9
3 rubber cloths	500 x 500 x 1,6 mm.

Contents	62520	...
48-part	#	201

62530

VDE-Tweezers



Type
Sensitive narrow prod, 1.5 mm, toothed, completely 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
Bent	145		102

62540

VDE-Single Open-End Wrenches DIN 7446



Type
Jaw angle 15°, professional multi-layer dip insulation, individually tested in compliance with IEC 60900.

Quality
Chrome-vanadium steel

62540



Use
For working with or near live wiring up to 1000 V alternating voltage (effective value) and/or 1500 V direct current voltage.

SW 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 End Ring Spanners DIN 7447



Type

Gooseneck type, professional multi-layer dip insulation, individually tested in compliance with IEC 60900.

Use

For working with or near live wiring up to 1000 V alternating voltage (effective value) and/or 1500 V direct current voltage.

Quality

Chrome-vanadium steel

62550



AF 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

AF 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 screws with T-handle



Quality

Special tool steel, tempered.

62560

Type

With solid T-handle, short. Insulated and tested in compliance with VDE DIN EN 60900, 1000 V.

AF mm	Length mm	62560	...
5	120	#	104
6	120	#	105
8	120	#	106



62580

VDE-Socket Wrench Inserts DIN 7448



Quality

Chrome-vanadium steel.

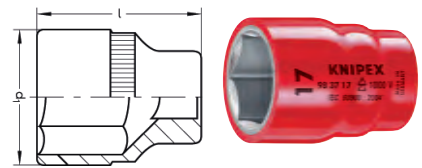
62580

Type

With inner square wrench 1/2" for hexagonal screws.

Insulated and tested in compliance with VDE-Norm DIN EN 60900, 1000V.

AF mm	l mm	d ₁ 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 Ratchets



Quality

Chrome-vanadium steel.

62600

Type

With locking screw, reversible for clockwise and counterclockwise operation, outer square 1/2 inch.

Insulated and tested in compliance with VDE-Norm DIN EN 60900, 1000V.

Overall length mm	62600	...
265		101



62610

VDE-Extensions DIN 7434



VDE-Norm DIN EN 60900, 1000V.

Quality

Chrome-vanadium steel.

62610

Type

With inside/outside square drive 1/2 inch.

Insulated and tested in compliance with

Length mm	62610	...
125		101
250		102



Special Tools / PPE

62612

VDE diagonal cutting pliers



Type
 - Narrow head shape for use in work areas that are difficult to access
 - Clean cut for thin Cu wires, also on the cutting tips
Insulated and tested in compliance with VDE DIN EN 60900, 1000 V.

Use
 For hard and soft wire.
Quality
Chrome-vanadium electric steel, forged, oil-hardened. Cutting edges inductively hardened. Hardness of cutting edges approx. 62 HRC.



62612

Length mm	To Wire Ø Medium mm	To Wire Ø Hard mm	To Wire Ø Piano mm	62612	...
160	4,0	2,8	2,0		101

62620

VDE-Electrician's Rubber and Plastic Protective Articles



62620 101 Protective glove Electro
 Offers protection against arcing, with test stamp for tasks in voltage ranges to 1000 V, in accordance with EN 60903. Made of natural latex, anatomically shaped, highest flexibility. Length 410 x 1,5 mm. size 10, delivered in UV-resistant bags.

62620 401 1000 V Covering Cloth
 Resistant to grease and acid. For covering live parts, in compliance with VDE 0680/1. 600 x 600 x 1,6 mm. VDEGS-tested.



62620 101

62620 201 1000 V NH safety handle
 In compliance with VDE 0680/4. With slip protection and protective sleeve made of smooth, waterproofed leather. For NH fuses size 00-3. VDEGS-tested.

62620 501 1000 V clamp made of plastics. For fastening rubber cloths. VDEGS-tested.



62620 201

62620 301 1000 V Insulating Stand Mat
 With corrugated anti-slip surface, not acid and oil-resistant, not anti-static. 1000 x 1000 x 4 mm. Temperature-proof from -30° - +70° in compliance with DIN VDE 0680 part 1.

62620 601 Protective face mask
 For mounting on helmets, lens made of acetate, thickness 1,5 mm. Approved in compliance with EN 166 application range 8 and VDE 1000 V. Effective protection against electric arcs.



62620 301



62620 401



62620 501

	62620	...
Protective gloves	#	101
Safety grip		201
Insulated foot mat		301
Cloth		401
Clamp		501
Protective face mask		601



62620 601

38067

Spirit Levels POLYWOOD



Type
 - The first spirit level with the classifications
- Non-sparking tool - and - fully insulated to 1000 V in accordance with EN 60900:2004-
 - Round horizontal bubble tube with magnifying glass effect

- Edgeless horizontal bubble tube provides a distortion-free view of the bubble, even for reversal measurement
 - Measurement accuracy (0.5 mm/m) in normal position, **reversal measurement possible** (0,75 mm/m)
 - Long service life through **impact damping rubber end caps.**



38067

Length mm	38067	...
400		101
600	#	102
800	#	103

Special Tools / PPE