



PT. Bumi Teknik Utama
PROFESSIONAL INDUSTRIAL EQUIPMENTS



Jakarta
Semarang
Surabaya
Balikpapan

Version 2017.1



G

HAND TOOLS

Our Company

Established in 1968 as CV. Timur Raya, and later renamed to PT. Bumi Teknik Utama in 2004, with offices in Jakarta, Semarang, Surabaya, and Balikpapan. Our divisions are Welding Machines division, Welding Accessories division, Welding Consumable division, Tools & Power Tools division, Panel & Hand Tools, Retail division and Service & Support division.

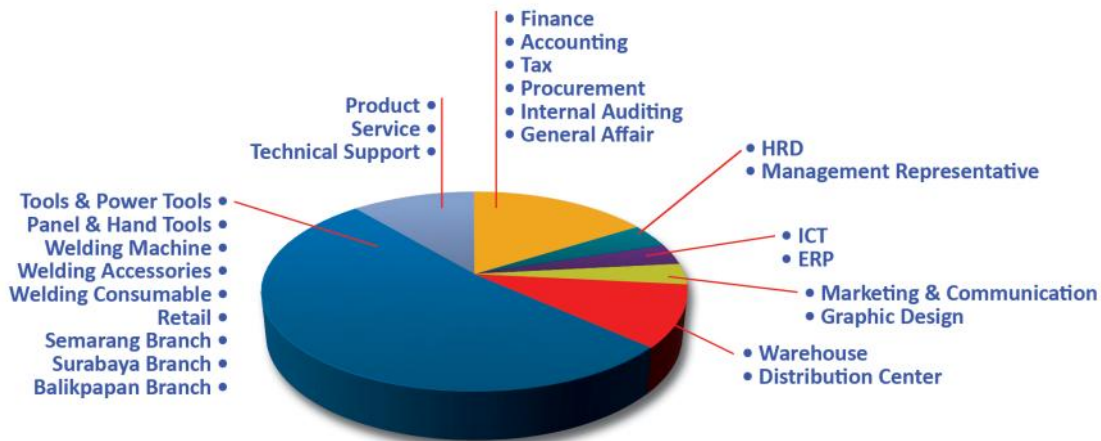
In Order to serve our customers better, we established Bumi Distribution Center in Cengkareng and we are planning to open more branches in different provinces and cities in the nationwide.

Close to 5 decades of industrial experience and utilizing a strong backbone of the latest computerized system, such as online "SAP" ERP system, Business Intelligence and Bumi Intranet, give us the advantageous of fast working collaboration, knowledge, analyze and expertise that contributes greatly to the benefit of our Customers

As one of the fastest growing companies in the industry, we believe Human Capital is one of the company's main pillars. Which we pay lots of attention and investment in the recruitment and talent development program.

Our Customers : Metal Fabricators, Automotive Industry, Shipyard, Power Plant, Mechanical & Electrical, Oil, Gas, Mining and all related supporting Industries.

Our Products : High quality and reliable welding, cutting, drilling, punching, power tools, hand tools and related products.



Our Vision : To be the leader in the professional industrial equipments by giving quality products and better services.

Our Mission: To equip Our Customers with reliable and efficient Professional Industrial Equipments. Together with preventive and corrective services that fulfill the needs and expectations of our customers and business partners.

Our Core values :

- Treating our customers with respect and faith.
- We grow through creativity, invention and innovation
- We integrate honesty, discipline and commitment into all business aspects.


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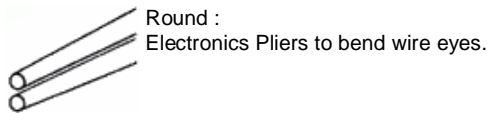
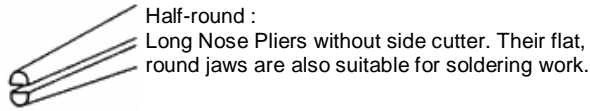
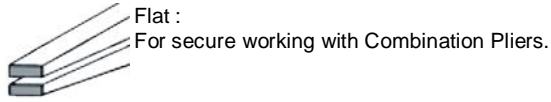
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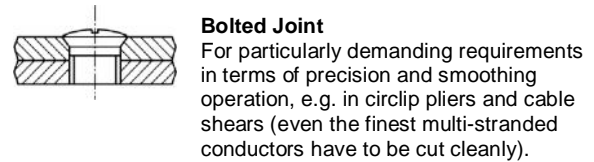
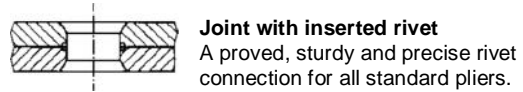
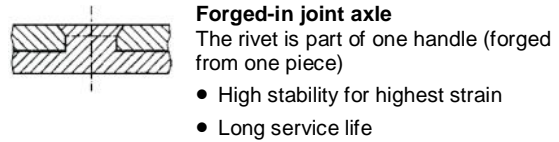
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Basic Shapes Of The Jaws



Joint Connections



Cutting Pliers
For cutting or nipping (diagonal, centre and end cutters, carpenters' pincers etc.)



Gripping Pliers
(Flat, long-nose and water pump pliers etc.)

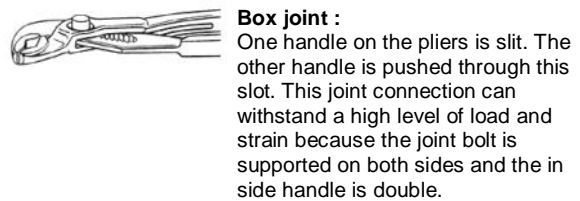
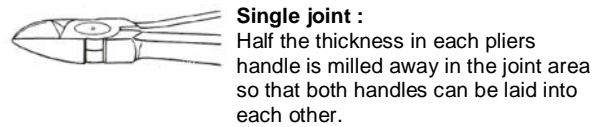
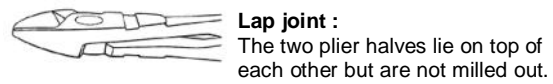


Combined Pliers
For cutting and gripping (combination, stork beak and radio pliers etc.)



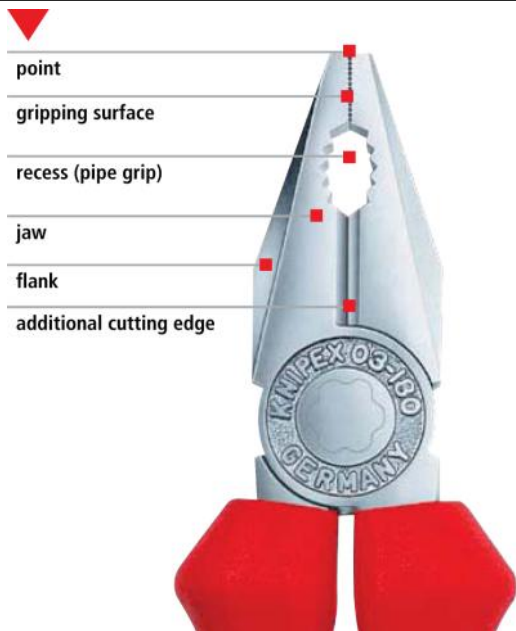
Special Pliers
For special applications, e.g. notching or punching different types of materials (sheet-metal nibbler, tile nibbling pincers, etc.)

Types of Joints



Wire Classes

Type of Wire		Soft	Medium-Hard	Hard	Piano wire
Tensile Strength	N/mm ²	220	750	1800	2300
	Kp/mm ²	22	75	180	230
Material Examples		Copper, plastic	Nail, Wire pin	Wire rope stand, steel wire	Spring steel wire



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Serrated Gripping Surfaces



Cutting Edges with Bevel



Insulated According to IEC 60900, Usable up to 1000 V AC / 1500 V DC



VDE Tested, also in Conformance to GPSG (Equipment and Product Safety Act)

High Leverage Combination Pliers



Advantageous

- Easier cutting, powerful gripping, bending and pulling
- 35 % less effort required than with conventional combination pliers
- Easier work due to optimized leverage
- With cutting edges (hardness approx. 63 HRC) for soft and hard wire and piano wire
- Long cutting edges for thicker cables
- With gripping zones for flat and round material, suitable for versatile use
- High grade special tool steel, forged, oil hardened

Black - Polished - Multi Component Grips



Specifications

Length	mm	180	200
Cutting Hard Wire Ø	mm	2.5	2.8
Cutting Piano Wire Ø	mm	2.0	2.2
Cutting Cable Ø	mm	11.5	13.0
Cutting Cable Section	mm ²	16.0	25.0
Weight	gram	240	342

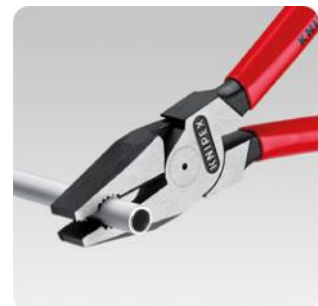
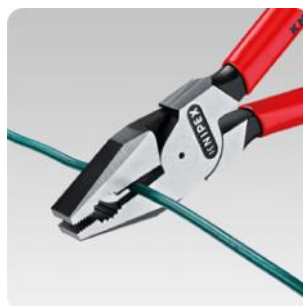
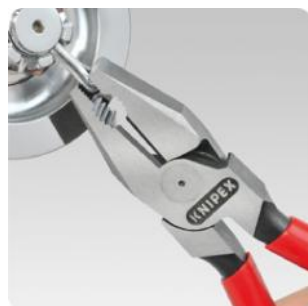
Chrome - Insulated - Multi Component Grips VDE Tested



Specifications

Length	mm	180	200
Cutting Hard Wire Ø	mm	2.5	2.8
Cutting Piano Wire Ø	mm	2.0	2.2
Cutting Cable Ø	mm	11.5	13.0
Cutting Cable Section	mm ²	16.0	25.0
Weight	gram	247	343

Item Code	Item Name
233.01.001	High Leverage Combination Pliers - 180 mm - Black - Polished - Multi Component Grips
233.01.002	High Leverage Combination Pliers - 200 mm - Black- Polished - Multi Component Grips
233.01.003	High Leverage Combination Pliers - 180 mm - Chrome - Insulated - Multi Component Grips - VDE Tested
233.01.004	High Leverage Combination Pliers - 200 mm - Chrome - Insulated - Multi Component Grips - VDE Tested





Serrated Gripping Surfaces



Cutting Edges with Bevel



Insulated According to IEC 60900, Usable up to 1000 V AC / 1500 V DC



VDE Tested, also in Conformance to GPSG (Equipment and Product Safety Act)

Combination Pliers



Advantageous

- With gripping zones for flat and round material, suitable for versatile use
- With cutting edges for soft and hard wire
- Long cutting edges for thicker cables
- Cutting edges additionally induction hardened (hardness approx. 60 HRC)

Black - Polished - Multi Component Grips



Specifications

	mm	160	180	200
Length	mm	160	180	200
Cutting Medium Hard Wire Ø	mm	3.1	3.4	3.8
Cutting Hard Wire Ø	mm	2.0	2.2	2.5
Cutting Cable Ø	mm	10.0	12.0	13.0
Cutting Cable Section	mm ²	16.0	16.0	16.0
Weight	gram	223	254	322

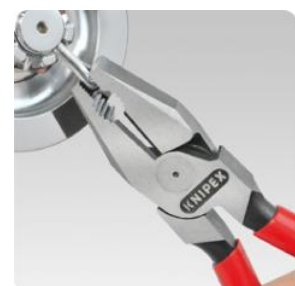
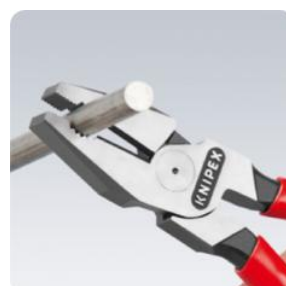
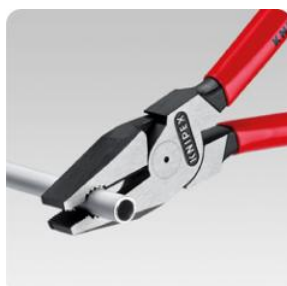
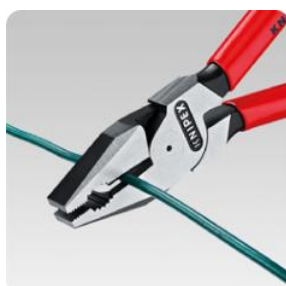
Chrome - Insulated - Multi Component Grips, VDE Tested



Specifications

	mm	160	180	200
Length	mm	160	180	200
Cutting Medium Hard Wire Ø	mm	3.1	3.4	3.8
Cutting Hard Wire Ø	mm	2.0	2.2	2.5
Cutting Cable Ø	mm	10.0	12.0	13.0
Cutting Cable Section	mm ²	16.0	16.0	16.0
Weight	gram	228	264	326

Item Code	Item Name
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233.02.002	Combination Pliers - 180 mm - Black - Polished - Multi Component Grips
233.02.003	Combination Pliers - 200 mm - Black - Polished - Multi Component Grips
233.02.004	Combination Pliers - 160 mm - Chrome - Insulated - Multi Component Grips - VDE Tested
233.02.005	Combination Pliers - 180 mm - Chrome - Insulated - Multi Component Grips - VDE Tested
233.02.006	Combination Pliers - 200 mm - Chrome - Insulated - Multi Component Grips - VDE Tested





Serrated Gripping Surfaces



Cutting Edges with Bevel



Half - Round Jaws



Insulated According to IEC 60900, Usable up to 1000 V AC / 1500 V DC



VDE Tested, also in Conformance to GPSG (Equipment and Product Safety Act)

Snipe Nose Side Cutting Pliers Straight



Advantageous

- Elastic tips : dimensionally stable even when twisted
- Distortion tolerant, elastic precision tips
- Half round, long, pointed jaws
- With cutting edges (hardness approx. 61 HRC) for soft, medium hard and hard wire
- Vanadium electric steel; forged, oil hardened

Black - Polished - Multi Component Grips



Specifications

Length	mm	200
Cutting Medium Hard Wire Ø	mm	3.2
Cutting Hard Wire Ø	mm	2.2
L3 Dimension	mm	73.0
T1 Dimension	mm	9.5
T2 Dimension	mm	2.5
W3 Dimension	mm	17.5
W4 Dimension	mm	3.0
Weight	gram	201

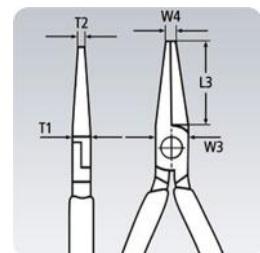
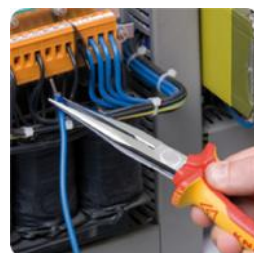
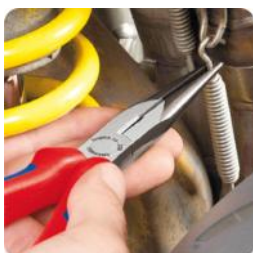
Chrome - Insulated - Multi Component Grips - VDE Tested



Specifications

Length	mm	200
Cutting Medium Hard Wire Ø	mm	3.4
Cutting Hard Wire Ø	mm	2.2
L3 Dimension	mm	73.0
T1 Dimension	mm	9.5
T2 Dimension	mm	2.5
W3 Dimension	mm	17.5
W4 Dimension	mm	3.0
Weight	gram	206

Item Code	Item Name
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233.03.002	Snipe Nose Side Cutting Pliers - 200 mm - Chrome - Insulated - Multi Component Grips - VDE Tested





Serrated Gripping Surfaces



Cutting Edges with Bevel



40° Angle



Half - Round Jaws

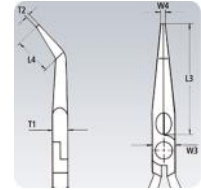
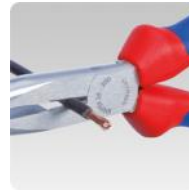


Insulated According to IEC 60900, Usable up to 1000 V AC / 1500 V DC



VDE Tested, also in Conformance to GPSG (Equipment and Product Safety Act)

Snipe Nose Side Cutting Pliers Bend



Advantageous

- Elastic tips : dimensionally stable even when twisted
- Distortion tolerant, elastic precision tips
- Half round, long, pointed jaws
- With cutting edges (hardness approx. 61 HRC) for soft, medium hard and hard wire
- Vanadium electric steel; forged, oil hardened

Black - Polished - Multi Component Grips



Specifications

Length	mm	200
Cutting Medium Hard Wire Ø	mm	3.2
Cutting Hard Wire Ø	mm	2.2
L3 Dimension	mm	73.0
L4 Dimension	mm	23.0
T1 Dimension	mm	9.5
T2 Dimension	mm	2.5
W3 Dimension	mm	17.5
W4 Dimension	mm	3.0
Weight	gram	197

Chrome - Insulated - Multi Component Grips - VDE Tested



Specifications

Length	mm	200
Cutting Medium Hard Wire Ø	mm	3.2
Cutting Hard Wire Ø	mm	2.2
L3 Dimension	mm	73.0
L4 Dimension	mm	23.0
T1 Dimension	mm	9.5
T2 Dimension	mm	2.5
W3 Dimension	mm	17.5
W4 Dimension	mm	3.0
Weight	gram	204

Item Code	Item Name
233.03.003	Snipe Nose Side Cutting Pliers - Bend - 200 mm - Black - Polished - Multi Component Grips
233.03.004	Snipe Nose Side Cutting Pliers - Bend - 200 mm - Chrome - Insulated - Multi Component Grips - VDE Tested



Cutting Edges with Bevel



Insulated According to IEC 60900, Usable up to 1000 V AC / 1500 V DC



VDE Tested, also in Conformance to GPSG (Equipment and Product Safety Act)

High Leverage Diagonal Cutters



Advantageous

- 20 % less effort required compared to conventional diagonal cutters of the same length cause of integrated forged joint axle
- High cutting performance with minimum effort due to optimum coordination of the cutting edge angle, transmission ratio and ergonomic handle shape
- Chrome vanadium heavy duty steel, forged, oil hardened
- Precision cutting edges additionally induction hardened (cutting edge hardness approx. 64 HRC) for all sorts of wire including piano wire
- With integrated forged joint axle for very tough, continuous use

Black - Polished - Multi Component Grips



Specifications

	mm	160	180	200
Length	mm	160	180	200
Cutting Medium Hard Wire Ø	mm	3.4	3.8	4.2
Cutting Hard Wire Ø	mm	2.5	2.7	3.0
Cutting Piano Wire Ø	mm	2.0	2.2	2.5
Weight	gram	209	273	304

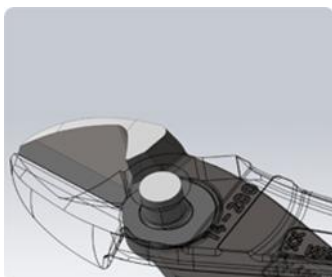
Chrome - Insulated - Multi Component Grips - VDE Tested



Specifications

	mm	160	180	200
Length	mm	160	180	200
Cutting Medium Hard Wire Ø	mm	3.4	3.8	4.2
Cutting Hard Wire Ø	mm	2.5	2.7	3.0
Cutting Piano Wire Ø	mm	2.0	2.2	2.5
Weight	gram	215	280	308

Item Code	Item Name
233.04.001	High Leverage Diagonal Cutters - 160 mm - Black - Polished - Multi Component Grips
233.04.002	High Leverage Diagonal Cutters - 180 mm - Black - Polished - Multi Component Grips
233.04.003	High Leverage Diagonal Cutters - 200 mm - Black - Polished - Multi Component Grips
233.04.004	High Leverage Diagonal Cutters - 160 mm - Chrome - Insulated - Multi Component Grips - VDE Tested
233.04.005	High Leverage Diagonal Cutters - 180 mm - Chrome - Insulated - Multi Component Grips - VDE Tested
233.04.006	High Leverage Diagonal Cutters - 200 mm - Chrome - Insulated - Multi Component Grips - VDE Tested





Cutting Edges with Bevel



Insulated According to IEC 60900, Usable up to 1000 V AC / 1500 V DC



VDE Tested, also in Conformance to GPSG (Equipment and Product Safety Act)

Diagonal Cutters



Advantageous

- Cuts fine wires cleanly along the complete length of the blades
- Slim head style and precise cut at blade tips : Advantageous when working in confined areas
- Clean cutting of thin copper wires, also at the cutting-edge tips
- High quality material and precise workmanship for long service life
- Precision cutting edges additionally induction hardened (hardness approx. 62 HRC) for soft and hard wire
- Vanadium electric steel, forged, oil hardened
- Narrow head style for use in confined areas
- The essential cutting tool for versatile use

Black - Polished - Multi Component Grips



Specifications

Length	mm	125	140	160	180
Cutting Soft Wire Ø	mm	3.0	4.0	4.0	4.0
Cutting Medium Hard Wire Ø	mm	2.3	2.5	2.8	3.0
Cutting Hard Wire Ø	mm	1.5	1.8	2.0	2.5
Weight	gram	119	150	206	252

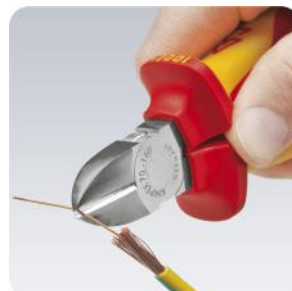
Chrome - Insulated - Multi Component Grips - VDE Tested



Specifications

Length	mm	125	140	160	180
Cutting Soft Wire Ø	mm	3.0	4.0	4.0	4.0
Cutting Medium Hard Wire Ø	mm	2.3	2.5	2.8	3.0
Cutting Hard Wire Ø	mm	1.5	1.8	2.0	2.5
Weight	gram	121	160	216	254

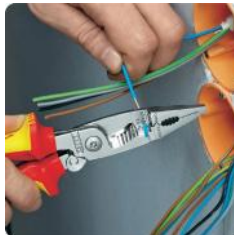
Item Code	Item Name
233.05.001	Diagonal Cutters - 125 mm - Black - Polished - Multi Component Grips
233.05.002	Diagonal Cutters - 140 mm - Black - Polished - Multi Component Grips
233.05.003	Diagonal Cutters - 160 mm - Black - Polished - Multi Component Grips
233.05.004	Diagonal Cutters - 180 mm - Black - Polished - Multi Component Grips
233.05.005	Diagonal Cutters - 125 mm - Chrome - Insulated - Multi Component Grips - VDE Tested
233.05.006	Diagonal Cutters - 140 mm - Chrome - Insulated - Multi Component Grips - VDE Tested
233.05.007	Diagonal Cutters - 160 mm - Chrome - Insulated - Multi Component Grips - VDE Tested
233.05.008	Diagonal Cutters - 180 mm - Chrome - Insulated - Multi Component Grips - VDE Tested





Pliers for Electrical Installation

Basic Description about Electrical Pliers



Smooth gripping surface

For a non-damaging gripping and flattening round-shapping (form wire loops)

Profiled gripping surface

To protect the workpiece, flattened for stronger yet gentle gripping

Clear-cut outside edge

For deburring and widening holes

Pipe grip

For round parts and cables

Universal crimp die

For end sleeves (ferrules) from 0.5 to 2.5 mm²

Stripping

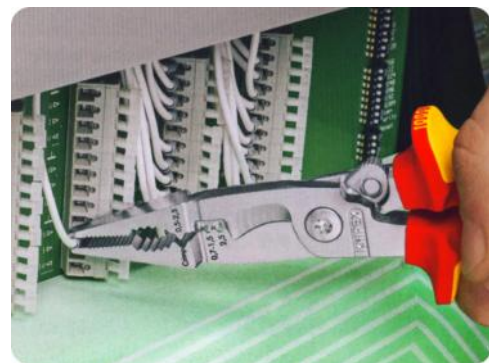
For copper conductor from 0.75 to 1.5 and 2.5 mm²

Shear blade

For cutting copper cable up to Ø 15 mm (5x 2.5 mm²)

Activated locking lever

Keep the cutting edges closed while other functions
Remain in place





Smooth Gripping Surfaces



Serrated Gripping Surfaces



Bolted Joint



With Opening Spring



Cu + Al multi-conductor cable
Solid and multi-stranded



Trapezoid Crimp



Flat Jaws

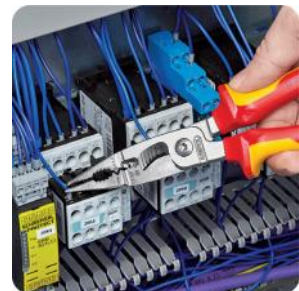
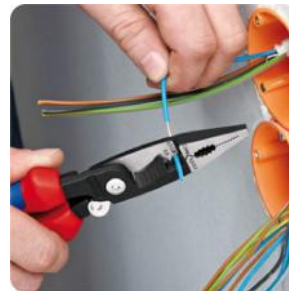


Insulated According to IEC 60900, Usable
up to 1000 V AC / 1500 V DC



VDE Tested, also in Conformance to
GPSG (Equipment and Product Safety Act)

Pliers for Electrical Installation



Advantageous

- Multifunctional pliers for the electrical installation; to grip flat and round material, for bending, deburring, cutting cable, stripping and crimping end sleeves (ferrules)
- 6 functions in one pair of pliers
- Smooth surfaces near the tips grip single cores without damaging them; serrated gripping surfaces and pipe grip for gripping flat and round material
- Clear-cut outside edge on the jaw for working on flush-mounted junction boxes and deburring feed-through holes
- Stripping holes for conductors of 0.75 - 1.5 mm² and 2.5 mm²
- Crimp die for wire-end ferrules 0.5 - 2.5 mm²
- Cable shears with (induction-hardened) precision cutting edges for copper and aluminium cables up to 5 x 2.5 mm² / dia.15 mm
- Gripping, without opening the pliers completely (intelligent latching mechanism in the spring assisted version). The cutting edge remains closed and protected
- Slim dimensions for easy access
- Bolted joint : precise, zero backlash operation of pliers
- High-grade special tool steel, forged, oil-hardened

Black Atramentized



Chrome Plated



Specifications










Length	mm	200
Cutting Cable Ø	mm	15
Cutting Cable Section Ø	mm ²	50
Stripping Capacity	mm ²	0.75 - 1.5 / 2.5
Capacity	mm ²	0.5 - 2.5
Weight	gram	280

Specifications

Length	mm	200
Cutting Cable Ø	mm	15
Cutting Cable Section Ø	mm ²	50
Stripping Capacity	mm ²	0.75 - 1.5 / 2.5
Capacity	mm ²	0.5 - 2.5
Weight	gram	280

Item Code	Item Name
233.28.001	Pliers for Installation - 200 mm - Black Atramentized - Polished - Multi Component Grips
233.28.002	Pliers for Installation - 200 mm - Chrome Plated - Insulated - Multi Component Grips - VDE Tested



-  Smooth Gripping Surfaces
-  Serrated Gripping Surfaces
-  Bolted Joint
-  With Opening Spring
-  Cu + Al multi-conductor cable
Solid and multi-stranded
-  Trapezoid Crimp
-  Flat Jaws
-  1000 V Insulated According to IEC 60900, Usable up to 1000 V AC / 1500 V DC
-  VDE Tested, also in Conformance to GPSG (Equipment and Product Safety Act)

Spring Hose Clamp Pliers



Advantageous

- space-saving and wire clamps as well as spring band clamps up to 70 mm nominal size
- Slim head design; narrow head width, rotatable grip inserts : an ideal tool, especially in confined areas
- Clamps are opened easily and reliably without great effort due to the high leverage
- Rotatable, universal grip inserts for reliably gripping the clamps in all positions
- Quick-set adjustment : adjusts by shifting directly onto the work-piece
- Extremely good leverage which allows clamps to be opened easily without great effort
- Can be used for standard, space-saving, spring wire hose clamps and for spring band clamps up to 70 mm nominal size
- Maximum jaw opening 80 mm; allows more than 40 mm clamping range
- Chrome vanadium electric steel, forged, oil-hardened.
- Application Areas cars / trucks, Air suction, cooling, charge air, water return, thermostat, fuel, heating.

Cobra's Feature also include in Spring Hose Clamp Pliers

- Less effort required due to extremely good transmission ratio
- First class guard to prevent fingers being pinched
- Fine adjustment ensures a precise fit to suit the most diverse clamp sizes
- Reliable gripping with hand-friendly handle position
- Opens at the touch of a button
- Box-joint design : high stability because of the double guide.



Grey Atramentized - Non Slip Plastic Coating



Specifications

Length	mm	250
Max. Capacity	mm	70 mm
Adjustment Positions		25
Weight	gram	340

Item Code	Item Name
233.29.001	Spring Hose Clamp Pliers - 250 mm - Grey Atramentized with Non Slip Plastic Coating



Internal Circlips



Bolted Joint

Precision Circlip Pliers Internal Straight



Advantageous

- Slim head shape
- Easy and reliable assembly : form-fitting inserted and pressed-in tips made of high density spring steel offer a high level added resilience against excessive stress and strain, e.g. when removing stuck rings
- The large supporting surfaces and the position of the tips make it more difficult for the rings to bounce off
- With inserted tips for reliable work
- The tips are 30 % more stable than conventional pliers
- Heavy duty in continuous operation : up to 10 times longer service life compared to turned tips
- Joint with screw : precise, zero backlash operation of pliers
- Non slip plastic coating on the handles
- Pliers body : chrome vanadium electric steel, forged, oil hardened
- Inserted tips : spring steel wire, drawn
- the tips' resistance capacity is up to 10 times greater !

Grey - Non Slip Plastic Coating



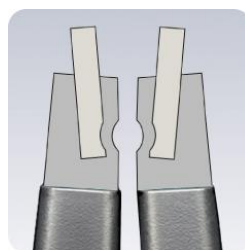
Specifications

Length	mm	140 (8 - 13)	140 (12 - 25)
Size Of Bore Ø	mm	8 - 13	12 - 25
Tips Ø	mm	0.90	1.25
Weight	gram	105	105

Specifications

Length	mm	180	225	320
Size Of Bore Ø	mm	19 - 60	40 - 100	85 - 140
Tips Ø	mm	1.80	2.25	3.20
Weight	gram	175	266	580

Item Code	Item Name
233.06.001	Precision Circlip Pliers, Internal Straight - 140 mm - Grey - Non Slip Plastic Coating 8 - 13
233.06.002	Precision Circlip Pliers, Internal Straight - 140 mm - Grey - Non Slip Plastic Coating 12 - 25
233.06.003	Precision Circlip Pliers, Internal Straight - 180 mm - Grey - Non Slip Plastic Coating
233.06.004	Precision Circlip Pliers, Internal Straight - 225 mm - Grey - Non Slip Plastic Coating
233.06.005	Precision Circlip Pliers, Internal Straight - 320 mm - Grey - Non Slip Plastic Coating



Tight fit through compression



Sturdy, inserted tips : made from high density spring steel



Bolted joint : high precision and smooth action



- Internal Circlips
- Bolted Joint
- Angle

Precision Circlip Pliers Internal Bend



Advantageous

- Easy and reliable assembly : form-fitting inserted and pressed-in tips made of high density spring steel offer a high level added resilience against excessive stress and strain, e.g. when removing stuck rings
- The large supporting surfaces and the position of the tips make it more difficult for the rings to bounce off
- With inserted tips for reliable work
- Heavy duty in continuous operation : up to 10 times longer service life compared to turned tips
- Joint with screw : precise, zero backlash operation of pliers
- Non slip plastic coating on the handles
- Pliers body : chrome vanadium electric steel, forged, oil
- Inserted tips : spring steel wire, drawn
- The tips are 30 % more stable than conventional pliers when subjected to one off overloading while still allowing good accessibility during assembly
- the tips' resistance capacity is up to 10 times greater !

Grey - Non Slip Plastic Coating



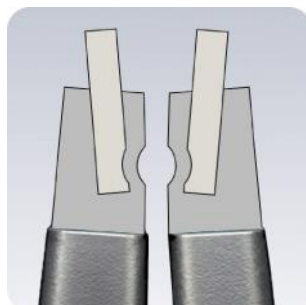
Specifications

Length	mm	130 (8 - 13)	130 (12 - 25)
Size Of Bore Ø	mm	8 - 13	12 - 25
Tips Ø	mm	0.90	1.25
Weight	gram	105	105

Specifications

Length	mm	165	210	305
Size Of Bore Ø	mm	19 - 60	40 - 100	85 - 140
Tips Ø	mm	1.80	2.25	3.20
Weight	gram	175	265	576

Item Code	Item Name
233.07.001	Precision Circlip Pliers, Internal Bend - 130 mm - Grey - Non Slip Plastic Coating 8 - 13
233.07.002	Precision Circlip Pliers, Internal Bend - 130 mm - Grey - Non Slip Plastic Coating 12 - 25
233.07.003	Precision Circlip Pliers, Internal Bend - 165 mm - Grey - Non Slip Plastic Coating
233.07.004	Precision Circlip Pliers, Internal Bend - 210 mm - Grey - Non Slip Plastic Coating
233.07.005	Precision Circlip Pliers, Internal Bend - 305 mm - Grey - Non Slip Plastic Coating



Tight fit through compression



Sturdy, inserted tips : made from high density spring steel






Bolted joint : high precision and smooth action



Precision Circlip Pliers External Straight



-  External Circlips
-  Bolted Joint
-  With Opening Spring

Advantageous

- KNIPEX Precision Circlip Pliers : fit circlips without distortion; easy and quick assembling
- Spring inside the joint : the spring is protected inside the precisely bolted joint. It does not hinder work and cannot get dirty or lost
- Circlips are held reliably : large contact areas and the position of the tips make it difficult for the circlip to bounce off
- form fitting inserted and pressed-in tips made of high density spring steel offer a high level added resilience against excessive stress and strain, e.g. when removing stuck rings
- The tips are 30 % more stable than conventional pliers
- Tight fit through compression
- Heavy duty in continuous operation : up to 10 times longer service life compared to turned tips
- Joint with screw : precise, zero backlash operation of pliers
- Non-slip plastic coating on the handles
- Pliers body : chrome vanadium electric steel, forged, oil hardened
- Inserted tips : spring steel wire, drawn

Grey - Non Slip Plastic Coating



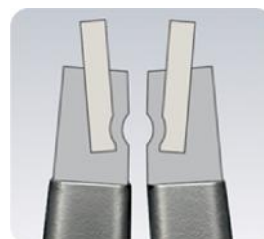
Specifications

Length	mm	140 (3 - 10)	140 (10 - 25)
Size Of Shaft Ø	mm	3 - 10	10 - 25
Tips Ø	mm	0.90	1.25
Weight	gram	101	100

Specifications

Length	mm	180	225	320
Size Of Shaft Ø	mm	19 - 60	40 - 100	85 - 140
Tips Ø	mm	1.80	2.25	3.20
Weight	gram	170	270	599

Item Code	Item Name
233.08.001	Precision Circlip Pliers, External Straight - 140 mm - Grey - Non Slip Plastic Coating 3 - 10
233.08.002	Precision Circlip Pliers, External Straight - 140 mm - Grey - Non Slip Plastic Coating 10 - 25
233.08.003	Precision Circlip Pliers, External Straight - 180 mm - Grey - Non Slip Plastic Coating
233.08.004	Precision Circlip Pliers, External Straight - 225 mm - Grey - Non Slip Plastic Coating
233.08.005	Precision Circlip Pliers, External Straight - 320 mm - Grey - Non Slip Plastic Coating



Tight fit through compression

Bolted joint : high precision and smooth action



Precision Circlip Pliers External Bend



- External Circlips
- Bolted Joint
- With Opening Spring
- 90° Angle

Advantageous

- KNIPEX Precision Circlip Pliers : fit circlips without distortion; easy and quick assembling
- Spring inside the joint : the spring is protected inside the precisely bolted joint. It does not hinder work and cannot get dirty or lost
- Circlips are held reliably : large contact areas and the position of the tips make it difficult for the circlip to bounce off
- form fitting inserted and pressed-in tips made of high density spring steel offer a high level added resilience against excessive stress and strain, e.g. when removing stuck rings
- The tips are 30 % more stable than conventional pliers
- Tight fit through compression
- Heavy duty in continuous operation : up to 10 times longer service life compared to turned tips
- Joint with screw : precise, zero backlash operation of pliers
- Non-slip plastic coating on the handles
- Pliers body : chrome vanadium electric steel, forged, oil hardened
- Inserted tips : spring steel wire, drawn

Grey - Non Slip Plastic Coating



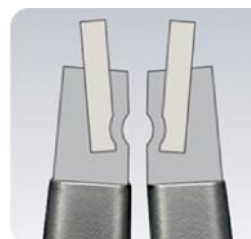
Specifications

Length	mm	130 (3 - 10)	130 (10 - 25)
Size Of Shaft Ø	mm	3 - 10	10 - 25
Tips Ø	mm	0.90	1.25
Weight	gram	100	102

Specifications

Length	mm	165	210	305
Size Of Shaft Ø	mm	19 - 60	40 - 100	85 - 140
Tips Ø	mm	1.80	2.25	3.20
Weight	gram	169	272	601

Item Code	Item Name
233.09.001	Precision Circlip Pliers, External Bend - 130 mm - Grey - Non Slip Plastic Coating 3 - 10
233.09.002	Precision Circlip Pliers, External Bend - 130 mm - Grey - Non Slip Plastic Coating 10 - 25
233.09.003	Precision Circlip Pliers, External Bend - 165 mm - Grey - Non Slip Plastic Coating
233.09.004	Precision Circlip Pliers, External Bend - 210 mm - Grey - Non Slip Plastic Coating
233.09.005	Precision Circlip Pliers, External Bend - 305 mm - Grey - Non Slip Plastic Coating



Tight fit through compression

Bolted joint : high precision and smooth action



Cutting Edges with Bevel

High Leverage Concretors' Nippers



Advantageous

- To lace concrete reinforcing steel with binding wire from a roll
- Wire is twisted and cut in a single pass
- High leverage joint, minimizing strain, even when thick binding wires are used
- The high damping of the cutting stroke on cutting through the binding wire reduces the strain on tendons and muscles
- Cutting edges additionally hardened (hardness approx. 61 HRC)
- High grade special tool steel, forged, oil hardened
- 25 % less effort required Compared to conventional concretors' nippers of the same size
- Extra slim form for tying deep mounted steel rods

Black - Polished



Specifications

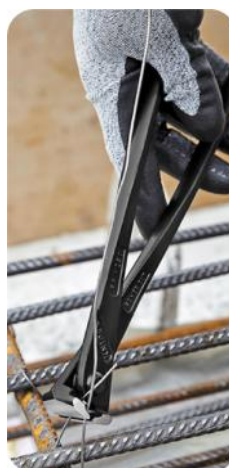
Length	mm	250
Cutting Medium Hard Wire Ø	mm	3.3
Cutting Hard Wire Ø	mm	1.8
Weight	gram	350

Item Code

Item Name

233.10.001

High Leverage Concretors Nippers - 250 mm, Black - Polished



Quick and comfortable twisting and cutting of binding wire



Cutting Edges with Bevel

Concretors' Nippers



Advantageous

- Tower Pincers, Steel Fixers' Nippers
- To twist and cut wire in one operation : fast, reliable and economical
- High grade special tool steel, forged, oil hardened
- Un-obtained precision and long service life make these the best selling concretors' nippers in the world
- Cutting edges additionally hardened (hardness approx. 61 HRC)

Black - Polished



Specifications

Length	mm	200
Cutting Medium Hard Wire Ø	mm	1.8
Cutting Hard Wire Ø	mm	1.4
Weight	gram	230

Item Code	Item Name
233.11.001	Concretors Nippers - 200 mm - Black - Polished





Cutting Edges with Bevel

End Cutting Nippers



Advantageous

- Head shape provides optimised movement when tightening steel mesh knots during reinforced concrete work
- With cutting edges for soft and hard wire
- Also suitable for twisting and cutting binding wire
- Cutting edges additionally induction hardened (hardness approx. 61 HRC)
- High grade special tool steel, forged, oil hardened

Black - Polished - Plastic Coated



Specifications

	mm	180	200
Length	mm	180	200
Cutting Soft Wire Ø	mm	4.0	4.0
Cutting Medium Hard Wire Ø	mm	3.2	3.5
Cutting Hard Wire Ø	mm	2.5	2.8
Weight	gram	284	319

Item Code	Item Name
233.12.001	End Cutting Nippers -180 mm - Black - Plastic coated
233.12.002	End Cutting Nippers -200 mm - Black - Plastic coated



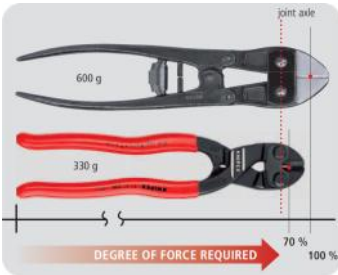
Also suitable for wire netting in reinforced concrete construction



Centre Cutter



With Opening Spring



Opening spring and transport lock

Advantageous

- Precision cutting edges for soft and hard wire and piano wire
- Cuts components like bolts, nails, rivets, etc. up to 5.2 mm diameter
- Exceptional cutting performance with minimum effort because of unsurpassed effective lever action design
- Cutting edges additionally induction hardened (hardness approx. 64 HRC)
- Chrome vanadium heavy duty steel, forged, oil hardened
- The cutting edge recess near the joint holds thicker wires in a favorable position that is usual with bolt cutters is not needed here
- The cutting force is about 20 times higher than the hand force applied

Conventional toggle lever assisted side cutter

Max. opening approx 3.5 mm

Great weight = 600 g

Double toggle lever joint cumbersome

233.13.001

With slim two-color multi component sleeves without collar for better handling and easier transport, with large contact surface on the handles for better allotment of pressure and more comfort at work

233.13.002

Opening spring and locking device are integrated in the handles also for comfortable work and protected transport

Black - Slim Multi Component Grips



Specifications

Length	mm	200
Cutting Soft Wire Ø	mm	6.0
Cutting Medium Hard Wire Ø	mm	5.2
Cutting Hard Wire Ø	mm	4.0
Cutting Piano Wire Ø	mm	3.6
Weight	gram	365

Black - Slim Multi Component Grips - Spring



Specifications

Length	mm	200
Cutting Soft Wire Ø	mm	6.0
Cutting Medium Hard Wire Ø	mm	5.2
Cutting Hard Wire Ø	mm	4.0
Cutting Piano Wire Ø	mm	3.6
Weight	gram	375

Item Code	Item Name
233.13.001	Cobolt - 200 mm - Black - Slim Multi Component Grips
233.13.002	Cobolt - 200 mm - Black - Slim Multi Component Grips - Spring

Bolt Cutters



Centre Cutter



Bolted Joint



Advantageous

- Cutting capacity up to 48 HRC hardness
- Robust cutting edges are additionally induction hardened (hardness approx. 62 HRC)
- Forged in stopper with comfortable shock absorber
- Good access due to very flat construction of head and joint area
- Ergonomically angled handles to minimize effort
- Sturdy non slip two color dual component handle sleeves
- Precise adjustment (12 positions) by eccentric bolt
- High cutting performance with minimum effort due to optimum coordination of the cutting edge angle, transmission ratio and ergonomic handle shape
- Blade : chrome vanadium heavy duty steel, forged, oil hardened
- Joint : special tool steel, forged
- Handle : steel tube, powder coated

Black - Multi Component Grips



Specifications

Length	mm	460	610
Cutting HRC 19 Ø	mm	8	9
Cutting HRC 40 Ø	mm	6	8
Cutting HRC 48 Ø	mm	5	7
Weight	gram	2100	2550

Specifications



Length	mm	760	910
Cutting HRC 19 Ø	mm	11	13
Cutting HRC 40 Ø	mm	9	10
Cutting HRC 48 Ø	mm	8	9
Weight	gram	4250	4950

Item Code	Item Name
233.14.001	Bolt Cutters - 460 mm - Black - Multi Component Grips
233.14.002	Bolt Cutters - 610 mm - Black - Multi Component Grips
233.14.003	Bolt Cutters - 760 mm - Black - Multi Component Grips
233.14.004	Bolt Cutters - 910 mm - Black - Multi Component Grips



Forged-in stopper with damping inserts : cushions the cutting stroke comfortably



-  Smooth Gripping Surfaces
-  Box Joint

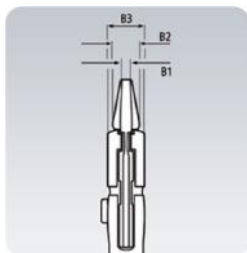
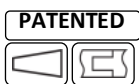
Pliers Wrenches



Advantageous

- Adjustable tool for tightening screws
- Also excellent for gripping, holding, pressing and bending work pieces
- Replaces a set of spanners, metric and imperial
- Smooth jaws for cautious installation of plated fittings
- Zero backlash jaw pressure prevents damage to edges of sensitive components
- Parallel jaws allow infinitely variable gripping of all widths to the specified maximum size
- Reliable catching of the hinge bolt : no unintentional shifting
- The smooth jaws all parallel surfaces in the capacity range with a high degree of pressure if necessary and open up almost unlimited application possibilities for the pliers wrench
- Conventional open end wrench : edge pressure causes surface damage
- Pliers wrench : zero backlash contact pressure, no damage to edges
- Working using the ratchet principle
- Fast adjustment by pushing a button
- Lever transmission greater than 10 to 1 for strong gripping power
- Chrome vanadium electric steel, forged, oil hardened
- Adjustment at the touch of a button directly on the work piece
- The action of the jaws allows quick tightening and release of bolted connections using the ratchet principle

Nickel - Plastic Coated



Specifications

Length	mm	150	180	250	300
Hexagonal Head Ø	inch	1	1 3/8	1 3/4	2 3/8
Hexagonal Head Ø	mm	27	35	46	50
Adjustment Positions	mm	14	13	17	22
Dimension B1	mm	4.7	5.0	8.0	9.5
Dimension B2	mm	7.0	8.0	8.0	9.5
Dimension B3	mm	10.5	12.0	14.0	15.0
Weight	gram	175	254	536	726

Item Code	Item Name
233.15.001	Pliers Wrenches - 150 mm - Nickel - Plastic Coated
233.15.002	Pliers Wrenches - 180 mm - Nickel - Plastic Coated
233.15.003	Pliers Wrenches - 250 mm - Nickel - Plastic Coated
233.15.004	Pliers Wrenches - 300 mm - Nickel - Plastic Coated



Working on plated fittings without damage of the surface



Smooth Gripping Surfaces



Box Joint

Cobra Hightech Water Pump Pliers



Advantageous

- Adjustment at the touch of a button directly on the work piece
- Fine adjustment for optimum adaptation to different sizes of work pieces and a comfortable handle width
- Self locking on pipes and nuts : no slipping on the work piece and low hand force required
- Smooth jaws for cautious installation of plated fittings
- Gripping surfaces with special hardened teeth (hardness approx. 61 HRC) : low wear and stable gripping
- No more time-consuming presetting of the required opening size. Just position the upper jaw to the work piece, push button and move close the lower jaw, ingeniously simple
- Fast and firm adjustment directly on the work piece
- Fine adjustment by pushing a button : fast and comfortable
- Teeth set against the direction of rotation have a self locking effect and prevent slipping on the work piece
- Reliable catching of the hinge bolt : no unintentional shifting
- Guard prevents operators' fingers being pinched
- Chrome vanadium electric steel, forged, oil hardened
- Reliable catching of the hinge bolt : no unintentional shifting
- Box joint design : high stability because of double guide

Grey Atramentized - Polished - Non Slip Plastic Coating



PATENTED



Specification

Length	mm	150
Round Head Ø	inch	1 1/4
Round Head Ø	mm	32
Hexagonal Head Ø	mm	30
Adjustment Positions	mm	11
Weight	gram	145



Enormous gripping capacity : 30 % more than conventional pipe wrenches

Grey Atramentized - Polished Multi Component Grips



PATENTED



Specification

Length	mm	180	250	300
Round Head Ø	inch	1 1/2	2	2 3/4
Round Head Ø	mm	42	50	70
Hexagonal Head Ø	mm	36	46	60
Adjustment Positions	mm	18	25	30
Weight	gram	196	376	579

Item Code	Item Name
233.16.001	Cobra - 150 mm - Grey - polished - Non Slip - Plastic Coating
233.16.002	Cobra - 180 mm - Grey - Polished - Multi Component Grips
233.16.003	Cobra - 250 mm - Grey - Polished - Multi Component Grips
233.16.004	Cobra - 300 mm - Grey - Polished - Multi Component Grips





- Smooth Gripping Surfaces
- Box Joint

Cobra XL / XXL Water Pumps Pliers



Advantageous

- Greater gripping capacity but much lower weight than comparable pipe wrenches
- Fast push-button adjustment directly on the work piece, no unintentional slipping of the joint
- Fine adjustment for optimum adaptation to different sizes of work pieces and a comfortable handle width
- Self-locking on pipes and nuts : no slipping on the work piece and low hand force requir
- Box-joint design : high stability because of double guide
- Gripping surfaces with special hardened teeth (hardness approx. 61 HRC) : low wear and stable gripping
- Guard prevents operators' fingers being pinched
- Chrome vanadium electric steel, forged, oil hardened
- Fine adjustment by pushing a button : fast and comfortable
- Self-locking on pipes and nuts. No slipping on the work piece and less hand force required

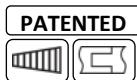
Both the KNIPEX Cobra® XL and XXL offer the performance and comfort of water pump pliers while being lighter in weight and having a greater gripping capacity than comparable pipe wrenches. The **Cobra® XL** can e.g. grip a 2" pipe fitting and weighs 50 % less than a 2" pipe wrench, which has a much lower gripping capacity. With its handy length of 400 mm, the Cobra® XL also fits into a plumber's tool kit

The **Cobra® XXL** comes along with the weight of a 2" pipe wrench but offers a back-up gripping capacity up to 4 1/2"



Fast and firm adjustment directly on the work piece

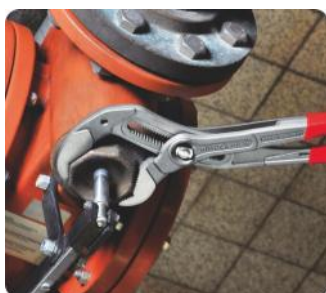
Grey - Polished - Plastic Coated




Specifications

Length	mm	400	560
Round Head Ø	inch	3 1/2	4 1/2
Round Head Ø	mm	90	115
Hexagonal Head Ø	mm	95	120
Adjustment Positions	mm	27	20
Weight	gram	1214	2750

Item Code	Item Name
233.17.001	Cobra XL XXL - 400 mm - Grey - Polished - Plastic Coated
233.17.002	Cobra XL XXL - 560 mm - Grey - Polished - Plastic Coated





 With Opening Spring

Multi Strip 10



Advantageous

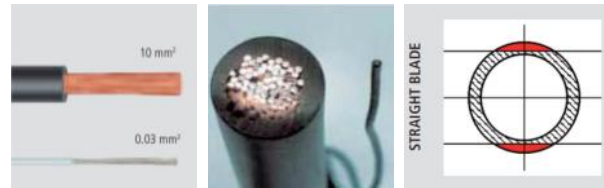
- Fully automatic adjustment to commercially used single, multi and fine stranded conductors with standard insulation throughout the entire capacity range from 0.03 to 10.0 mm²
- No manual fine adjustment required, no damage to the conductors
- The clamping jaws made of steel with integrated cutting edge hold the cable in a way that prevents slipping without damaging the remaining insulation
- Particularly smooth running mechanics and very low weight
- The incision depth of the stripping blade adjusts fully automatically to the diameter of the wire and accordingly also to the thickness of all standard insulating materials
- Replaceable blades block and length stop
- Body : plastic, fiberglass reinforced
- Blade : special tool steel, oil hardened
- Precise stripping from 0.03 to 10.0 mm² without readjustment
- Wire cutter for multiple stranded wire cables up to 10.0 mm²
- Steel restrain jaws with cutting edges avoid skidding of the cable
- Handle with soft-plastic zone for a steady grip
- With wire cutter for copper and aluminum conductors, multi stranded up to 10.0 mm² and single-stranded up to 6.0 mm²

Mode of operation of straight cutters

Models 233.18.001

An incision is made in the red area only

Not suitable for highly flexible or armored insulation materials or for multi layered insulation



195 mm - Multi Strip 10



PATENTED



Specifications

Length	mm	195
Stripping Capacities	mm ²	0.03 - 10.0
Weight	gram	136

Item Code	Item Name
233.18.001	MultiStrip 10 - 195 mm - Multi Strip 10



Metal jaws



Integral Wire cutter, max.10 mm²





With Opening Spring

Dismantling Tools



Advantageous

- For stripping all common round cables
- Self tightening holding lever
- With adjusting screw for cutting depth adjustment
- Housing : plastic, impact proof
- Spare blade inside the handle
- Secure grip due to soft component material on handle and holding lever to avoid slipping

165 mm - Dismantling Tools



Specifications		
Length	mm	165
Stripping Capacities	mm	8.0 - 28.0
Weight	gram	85



233.19.001
with knife and hook blade, protective cap included

Item Code	Item Name
233.19.001	Dismantling Tools - 165 mm - Dismantling Tools

Optional Accessories

233.19.003	Spare Blade for 233.19.001
------------	----------------------------

Advantageous

- For dismantling round cables exceeding 25.0 mm diameter
- Removes all kinds of insulation layers
- Suitable for longitudinal and circular cutting
- Cutting depth can be adjusted up to 5.0 mm
- Replaceable blade (both sides can be used)
- Tool body : plastic, fiberglass reinforced

150 mm - Dismantling Tool



Setting the tool or longitudinal cut



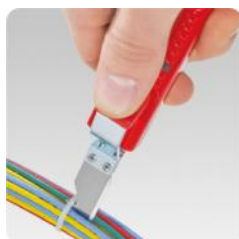
Turning the tool for circumferential cut

Specifications		
Length	mm	150
Stripping Capacities	mm	> 25
Weight	gram	210

Item Code	Item Name
233.19.002	Dismantling Tools - 150 mm - Dismantling Tools

Optional Accessories

233.19.004	Spare Blade for 233.19.002
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Longitudinal Cut



Adjustable Cutting Depth



Circular Cut



Bolted Joint



Cu + Al Multi – Conductor Cable, Solid and Multi - Stranded



Insulated According to IEC 60900, Usable up to 1000 V AC / 1500 V DC



VDE Tested, also in Conformance to GPSG (Equipment and Product Safety Act)

Cable Shears



Advantageous

- For cutting copper and aluminum single conductors as well as multiple stranded cables
- Not suitable for steel wire and hard drawn copper conductors
- Precision ground, hardened blades
- Clean and smooth cut without crushing and deformation
- Cut performed with a Diagonal Cutter : high effort required, inaccurate cut, considerable deforming and crushing of the cable
- Easy cutting with one-hand operation
- Guard prevents operators' fingers being pinched
- Adjustable bolted joint, self retaining screw
- High grade special tool steel, forged, oil hardened
- Cut performed with a Cable Shears : easy, clean cut without any deformation of the cable

Burnished - Multi Component Grips



Chrome - Insulated - Multi Component Grips VDE Tested



Specifications

Length	mm	165
Cutting Cable Ø	mm	15
Cutting Cable Section Ø	mm ²	50
AWG		1/0
Weight	gram	250

Specifications

Length	mm	165
Cutting Cable Ø	mm	15
Cutting Cable Section Ø	mm ²	50
AWG		1/0
Weight	gram	262

Item Code	Item Name
233.20.001	Cable Shears - 165 mm - Burnished - Multi Component Grips
233.20.002	Cable Shears - 165 mm - Chrome - Insulated Multi Component Grips - VDE Tested





Bolted Joint



Cu + Al Multi – Conductor Cable, Solid and Multi - Stranded



Insulated According to IEC 60900, Usable up to 1000 V AC / 1500 V DC



VDE Tested, also in Conformance to GPSG (Equipment and Product Safety Act)

Cable Shears with Twin Cutting Edge



Advantageous

- For cutting copper and aluminum cables
- Not suitable for steel wire and hard drawn copper conductors
- Precision ground, hardened blades
- By dividing the cutting actions into initial cut (insulating sheath in the front cutting area) and final cut (conductor in the back cutting area), cables up to Ø 20 mm can be cut in one hand operation
- Less effort required due to favorable lever ratio and optimized cutting edge geometry
- Guard prevents operators' fingers being pinched
- Adjustable bolted joint, self retaining screw
- High grade special tool steel, forged, oil hardened
- Clean and smooth cut without crushing and deformation

Burnished - Multi Component Grips



PATENTED



Specifications

Length	mm	200
Cutting Cable Ø	mm	20
Cutting Cable Section Ø	mm ²	70
AWG		2/0
Weight	gram	324

Chrome - Insulated - Multi Component Grips - VDE Tested



PATENTED



Specifications

Length	mm	200
Cutting Cable Ø	mm	20
Cutting Cable Section Ø	mm ²	70
AWG		2/0
Weight	gram	340

Item Code	Item Name
233.21.001	Cable Shears with Twin Cutting Edge - 200 mm - Burnished - Multi Component Grips
233.21.002	Cable Shears with Twin Cutting Edge - 200 mm - Chrome - Multi Component Grips - VDE Tested



Initial Cut :

Using the front cutting edge to cut the insulating sheath on larger cable diameters leaves an ergonomic handle opening width



Final Cut :

After cutting the sheath in the front profile the cut is finished through the metal part of the cable in the rear profile. Initial cut in the front profile, final cut in the rear profile - to keep it as easy as possible



Bolted Joint



Cu + Al Multi – Conductor Cable, Solid and Multi - Stranded



Insulated According to IEC 60900, Usable up to 1000 V AC / 1500 V DC



VDE Tested, also in Conformance to GPSG (Equipment and Product Safety Act)



With Opening Spring

Cable Cutter Ratchet Action



Advantageous

- For cutting copper and aluminum single conductors as well as multiple stranded cables
- Not suitable for steel wire and wire ropes
- Precision ground, hardened blades
- Clean and smooth cut without crushing and deformation
- One-hand operation using ratchet principle
- Two-stage ratchet drive for easy cutting
- Simple handling as a result of low weight and compact design can be used even in confined areas
- Guard prevents operators' fingers being pinched
- High-grade special tool steel, forged, oil hardened
- Little hand force required due to very high transmission ratio

Black Lacquered - Multi Component Grips



PATENTED



Black Lacquered - Insulated - Multi Component Grips VDE Tested



PATENTED



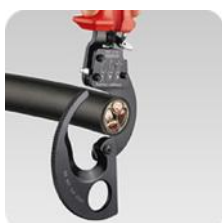
Specifications

Length	mm	250	280
Cutting Cable Ø	mm	32	52
Cutting Cable Section Ø	mm ²	240	380
MCM		500	750
Weight	gram	676	860

Specifications

Length	mm	250	280
Cutting Cable Ø	mm	32	52
Cutting Cable Section Ø	mm ²	240	380
MCM		500	750
Weight	gram	652	835

Item Code	Item Name
233.22.001	Cable Cutter Ratchet Action - 250 mm - Black Lacquered - Multi Component Grips
233.22.002	Cable Cutter Ratchet Action - 280 mm - Black Lacquered - Multi Component Grips
233.22.003	Cable Cutter Ratchet Action - 250 mm - Black Lacquered Insulated - Multi Comp. Grips - VDE Tested
233.22.004	Cable Cutter Ratchet Action - 280 mm - Black Lacquered Insulated - Multi Comp. Grips - VDE Tested



233.22.002 : Large cutting capacity : maximum 52 mm dia. / 380 mm²



Ratchet principle and two stage ratchet drive for easier cutting



233.22.001 & 233.22.002 : Fixed handle with support area as an aid to position the cutters on a flat surface



Bolted Joint



**Cu + Al Multi – Conductor Cable,
Solid and Multi - Stranded**

Cable Shears Ratchet Action with Telescopic Handle



Advantageous

- For cable diameters up to 38 mm, handles can be positioned at an angle to set the optimum handle width, which makes the shear also suitable for work in confined areas
- Comfortable work thanks to ratchet action and low weight
- Heavy duty telescopic handles made of oval aluminum tubing; extendable up to 770 mm for maximum leverage on large cable diameters; retractable down to 570 mm for minimum space requirements during transport
- Setting of a favorable handle width
- Replaceable cutting head
- Extensive cutting range up to max. Ø 38 mm or max. 280 mm² (e.g. 4 x 70 mm² NYY) in copper and aluminum cables
- Easier, neater cut due to optimized cutting edge geometry
- Adjustable bolted joint
- Cutting head : special quality high-grade tool steel, oil hardened
- Handles : high strength oval aluminum tubing
- With adjusting button

Burnished - Multi Component Grips



Specifications

Length	mm	560
Cutting Cable Ø	mm	38
Cutting Cable Section Ø	mm ²	280
MCM		550
Weight	gram	1980

Item Code

Item Name

233.23.001 Cable Shear Ratchet Action with Telescopic Handle - 560 mm - Burnished - Multi Component Grips

Handles adjustable in length and angular position for easier work : set the handle length to the optimum lever for powerful cutting; put the handles at an angle for a comfortable gripping position



Setting of a Favorable handle width



After the first partial cut, the handles open by ratchet action



Repeat cutting and opening actions until the cable is cut through



With adjusting button



Bolted Joint



**Cu + Al Multi – Conductor Cable,
Solid and Multi - Stranded**

Cable Cutter Ratchet Action with Telescopic Handle



Advantageous

- Handle length with multiple position adjustment from 400 - 600 mm (short transport length, individual adaptation to working conditions)
- For copper and aluminum single conductors as well as multiple stranded cables – also with hard rubber or plastic sheath
- Not suitable for steel wire and wire ropes
- Little hand force required for cutting due to optimum transmission ratio
- High cutting capacity due to two-hand operation and ratchet action
- The blade can be opened in any cutting position
- Blade : special - quality high grade tool steel, oil hardened
- Handles : high-strength oval aluminum tubing
- Also suitable for cables with iron sheath reinforcement

Burnished - Multi Component Grips



Specifications

Length	mm	630
Cutting Cable Ø	mm	60
Cutting Cable Section Ø	mm ²	740
MCM		1400
Weight	gram	3820

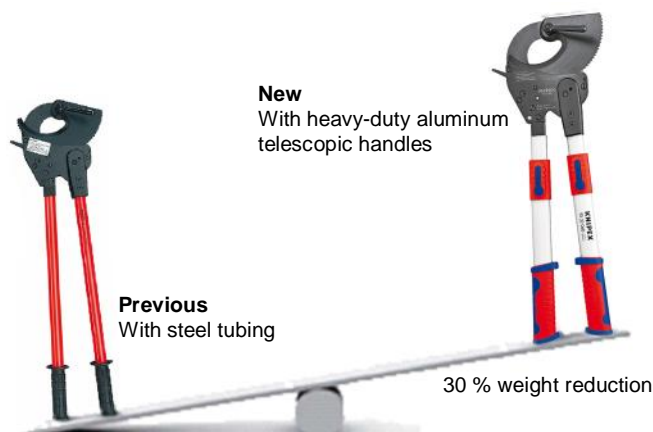
Item Code

Item Name

233.24.001

Cable Cutter Ratchet Action with Telescopic Handle - 630 mm - Burnished - Multi Component Grips

Handles adjustable in length and angular position for easier work : set the handle length to the optimum lever for powerful cutting; put the handles at an angle for a comfortable gripping position



New
With heavy-duty aluminum
telescopic handles







Previous
With steel tubing

30 % weight reduction



Tool in length : 630 mm;
Weight only approx. 3820 g



-  **Cu + Al Multi – Conductor Cable, Solid and Multi - Stranded**
-  **Wire Rope**
-  **Medium Hard Wire**
-  **Piano Wire**
-  **Bolted Joint**
-  **With Opening Spring**

Wire Rope Shears



Advantageous

- With two crimping dies for end caps on Bowden cable sheaths and end ferrules for traction cables
- Comfortable work thanks to handy, slim design and internal opening spring
- Cuts all wire ropes without splaying, including those that are extremely strong, such as for example tire cord
- Crimping of the end ferrule onto the traction cable
- High leverage for reduced effort
- Cutting edge (hardness approx. 64 HRC)
- Chrome vanadium heavy duty steel, forged, oil hardened
- Internal opening spring
- Bolted joint for precise blade guidance, re-adjustable
- Crimping of the end caps on the Bowden cable sheath

Polished - Multi Component Grips

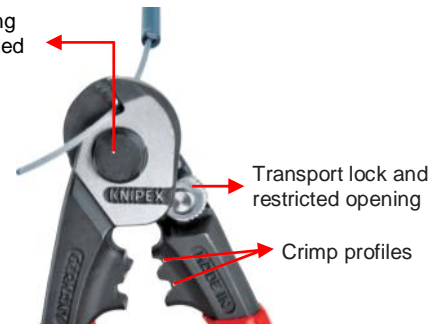


Specifications		
Length	mm	190
Cutting Cable Ø	mm	7
Cutting Wire Rope Ø	mm	6
Cutting Hard Wire Ø	mm	4
Cutting Piano Wire Ø	mm	2.5
Weight	gram	314

Item Code	Item Name
233.25.001	Wire Rope Shears - 190 mm - Polished - Multi Component Grips



Precise guiding through a bolted joint





VDE tested, also in conformance to GPSG (Equipment and Product Safety Act)

Standard Tools Case 26 Parts



Advantageous

- Containing a range of insulated KNIPEX tools for works on electrical installations
- Shock resistant plastic case
- Foam inserts with recesses for the tools
- Fixable partition wall
- Dimensions, exterior (W x H x D) : 440 x 105 x 385 mm

Item Code	Product Name	Weight (gr)
233.26.002	Standard Tool Case 26 Parts	4230
	Combination Pliers	⚡1000V ⚠️ ⚙️ 🔧
	Diagonal Cutter	⚡1000V ⚠️ ⚙️ 🔧
	Open End Wrench	⚡1000V 🔧
	Open End Wrench	⚡1000V 🔧
	Open End Wrench	⚡1000V 🔧
	Open End Wrench	⚡1000V 🔧
	Open End Wrench	⚡1000V 🔧
	Open End Wrench	⚡1000V 🔧
	Open End Wrench	⚡1000V 🔧
	Dismantling Knife for Round Cable	⚡1000V ⚠️ ⚙️
	Screwdrivers for Slotted Screws	⚡1000V ⚠️ ⚙️ ⚙️
	Screwdrivers for Slotted Screws	⚡1000V ⚠️ ⚙️ ⚙️
	Screwdrivers for Slotted Screws	⚡1000V ⚠️ ⚙️ ⚙️
	Screwdrivers for Slotted Screws	⚡1000V ⚠️ ⚙️ ⚙️
	Screwdrivers for Cross Recessed Screws, Philips	⚡1000V ⚠️ ⚙️ ⚙️
	Screwdrivers for Cross Recessed Screws, Philips	⚡1000V ⚠️ ⚙️ ⚙️
	Screwdrivers for Cross Recessed Screws, Philips	⚡1000V ⚠️ ⚙️ ⚙️
	T-Handle	⚡1000V ⚙️
	Hexagon Socket for Hexagonal Screws	⚡1000V 🔧 ⚙️
	Hexagon Socket for Hexagonal Screws	⚡1000V 🔧 ⚙️
	Hexagon Socket for Hexagonal Screws	⚡1000V 🔧 ⚙️
	Hexagon Socket for Hexagonal Screws	⚡1000V 🔧 ⚙️
	Hexagon Socket for Hexagonal Screws	⚡1000V 🔧 ⚙️
	Hexagon Socket for Hexagonal Screws	⚡1000V 🔧 ⚙️
	Hexagon Socket for Hexagonal Screws	⚡1000V 🔧 ⚙️
	Cable Knife	⚡1000V ⚠️ ⚙️



Tool Roll 15 Parts



⚠ 1000V Insulated according to IEC 60900, usable up to 1000 V AC / 1500 V DC

Advantageous

- Tool roll made of hard-wearing polyester fabric
- With practical, adjustable quick release fastener
- Containing a range of insulated KNIPEX tools for works on electrical installations

Item Code	Product Name	Weight (gr)
233.26.003	Tool Roll 15 Parts	2455
	Combination Pliers	⚠1000V
	Insulation Stripper	⚠1000V
	Snipe Nose Side Cutting Pliers	⚠1000V
	Diagonal Cutter	⚠1000V
	Cable Shear	⚠1000V
	Open End Wrench	⚠1000V
	Open End Wrench	⚠1000V
	Open End Wrench	⚠1000V
	Open End Wrench	⚠1000V
	Open End Wrench	⚠1000V
	Screwdrivers For Slotted Screws	⚠1000V
	Screwdrivers For Slotted Screws	⚠1000V
	Screwdrivers For Slotted Screws	⚠1000V
	Screwdrivers For Slotted Screws	⚠1000V
	Cable Knife	⚠1000V



1000V Insulated according to IEC 60900, usable up to 1000 V AC / 1500 V DC

Universal Tool Case 48 Parts



Advantageous

- Hard wearing case made of ABS material, red; containing a range of KNIPEX tools for works on electrical installations, tested according to DIN EN/IEC 60900, as well as insulating mats, clamps and gloves for added protection
- Sturdy aluminum frame with D-shape rings for belt and fix, sturdy center board with multi-purpose push-in facilities by elastic loops and 12 small pockets
- Metal hinges
- 30 kg maximum load
- Stands stable in any opening position due to lid-holders and hinge mechanisms on both sides, that register in a position of 45° and 90°
- 3 digit lock and two flip locks for fixation of the cover
- Removable document compartment and removable tool board, with 13 push-in compartments on one side
- 2 flip locks to fix the bottom
- Base tray, height 58 mm, can be subdivided by flexible inserts; cover plate with six large push-in compartments, can be fixed by popper
- Dimensions, external (W x H x D) : 490 x 255 x 410 mm
- Dimensions, internal (W x H x D) : 445 x (105 + 105) x 350 mm
- Can be opened on one or both sides; bottom tray and cover can be opened independently

Item Code	Product Name	Weight (gr)
233.26.004	Universal Tool Case 48 Parts	16250
	Combination Pliers	1000V
	Insulation Stripper	1000V
	Diagonal Cutter	1000V
	KNIPEX Alligator	1000V
	Cable Shears	1000V
	Open End Wrench	1000V
	Open End Wrench	1000V
	Open End Wrench	1000V
	Open End Wrench	1000V
	Open End Wrench	1000V
	Open End Wrench	1000V
	Box Wrench	1000V
	Box Wrench	1000V
	Box Wrench	1000V
	Box Wrench	1000V
	Box Wrench	1000V
	Box Wrench	1000V
	Insulating Mat	1000V
	Screwdriver for Slotted Screws	1000V
	Screwdriver for Slotted Screws	1000V

Continue to page 33



Universal Tool Case 48 Parts



⚠️ 1000V Insulated according to IEC 60900, usable up to 1000 V AC / 1500 V DC

Item Code	Product Name	Weight (gr)
	Screwdriver for Slotted Screws	⚠️1000V ⚡🔧⚙️
	Screwdriver for Slotted Screws	⚠️1000V ⚡🔧⚙️
	Screwdriver for Cross Recessed Screws	⚠️1000V ⚡🔧⚙️⊕
	Screwdriver for Cross Recessed Screws	⚠️1000V ⚡🔧⚙️⊕
	T-Handle	⚠️1000V ⚡🔧
	Reversible Ratchet	⚠️1000V ⚡🔧
	Extension Bar	⚠️1000V ⚡🔧⚙️
	Extension Bar	⚠️1000V ⚡🔧⚙️
	Hexagon Socket for Hexagonal Screws	⚠️1000V ⚡🔧⚙️
	Hexagon Socket for Hexagonal Screws	⚠️1000V ⚡🔧⚙️
	Hexagon Socket for Hexagonal Screws	⚠️1000V ⚡🔧⚙️
	Hexagon Socket for Hexagonal Screws	⚠️1000V ⚡🔧⚙️
	Hexagon Socket for Hexagonal Screws	⚠️1000V ⚡🔧⚙️
	Hexagon Socket for Hexagonal Screws	⚠️1000V ⚡🔧⚙️
	Hexagon Socket for Hexagonal Screws	⚠️1000V ⚡🔧⚙️
	Hexagon Socket for Hexagonal Screws	⚠️1000V ⚡🔧⚙️
	Hexagon Socket for Hexagonal Screws	⚠️1000V ⚡🔧⚙️
	Cable Knife	⚠️1000V ⚡🔪
	Dismantling Knife for Round Cable	⚠️1000V ⚡🔪
	Insulating Clamp	⚠️1000V ⚡🔗
	Electricians' Gloves	⚠️1000V



External circlips



Internal circlips

Circlip Pliers Sets 4 Parts



Advantageous

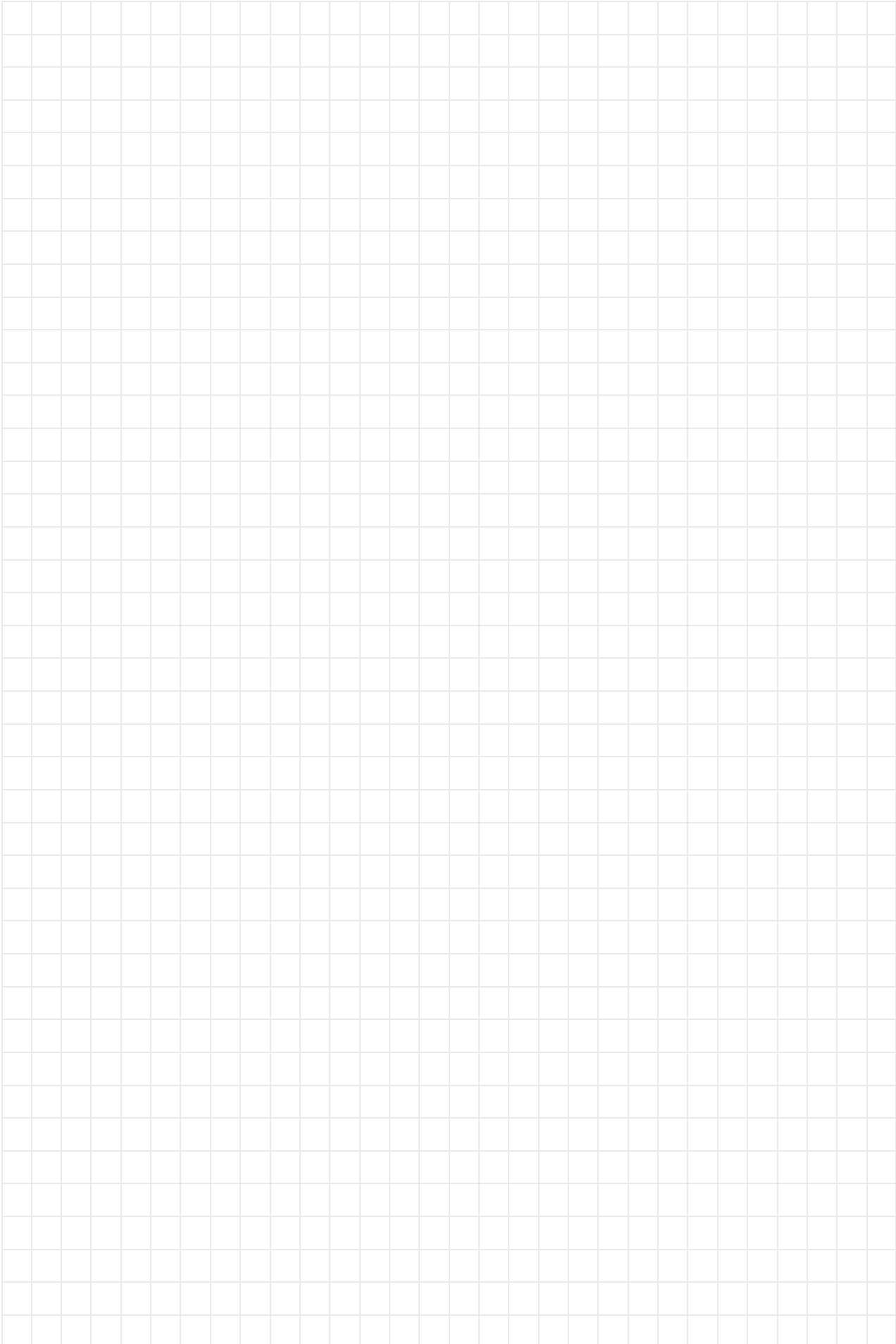
- Tool roll made of hard-wearing polyester fabric
- With practical, adjustable quick release fastener

Item Code	Product Name	Weight (gr)
233.26.001	Circlip Pliers Sets 4 Parts	665
	Internal Straight - 140 mm - Grey Atramentized - Non Slip Plastic Coating	
	Internal Straight - 180 mm - Grey Atramentized - Non Slip Plastic Coating	
	External Straight - 140 mm - Grey Atramentized - Non Slip Plastic Coating	
	External Straight - 180 mm - Grey Atramentized - Non Slip Plastic Coating	

NOTES

A large grid area for taking notes, consisting of 20 columns and 30 rows of small squares.

NOTES

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

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Welding Machine Division : welding.machine@bumi.info
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Welding Consumable Division : welding.consumable@bumi.info
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Balikpapan Selatan 76115
Telephone : +62 - 542 - 771 728
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Sales : bumi.bpp@bumi.info
Retail : retail.bpp@bumi.info
Service : service.bpp@bumi.info



website : www.bumi.info



Youtube : [bumi.info](https://www.youtube.com/bumi.info)



Instagram : [bumi.info](https://www.instagram.com/bumi.info)



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