

Wiha Professional electric.

Completely reliable.

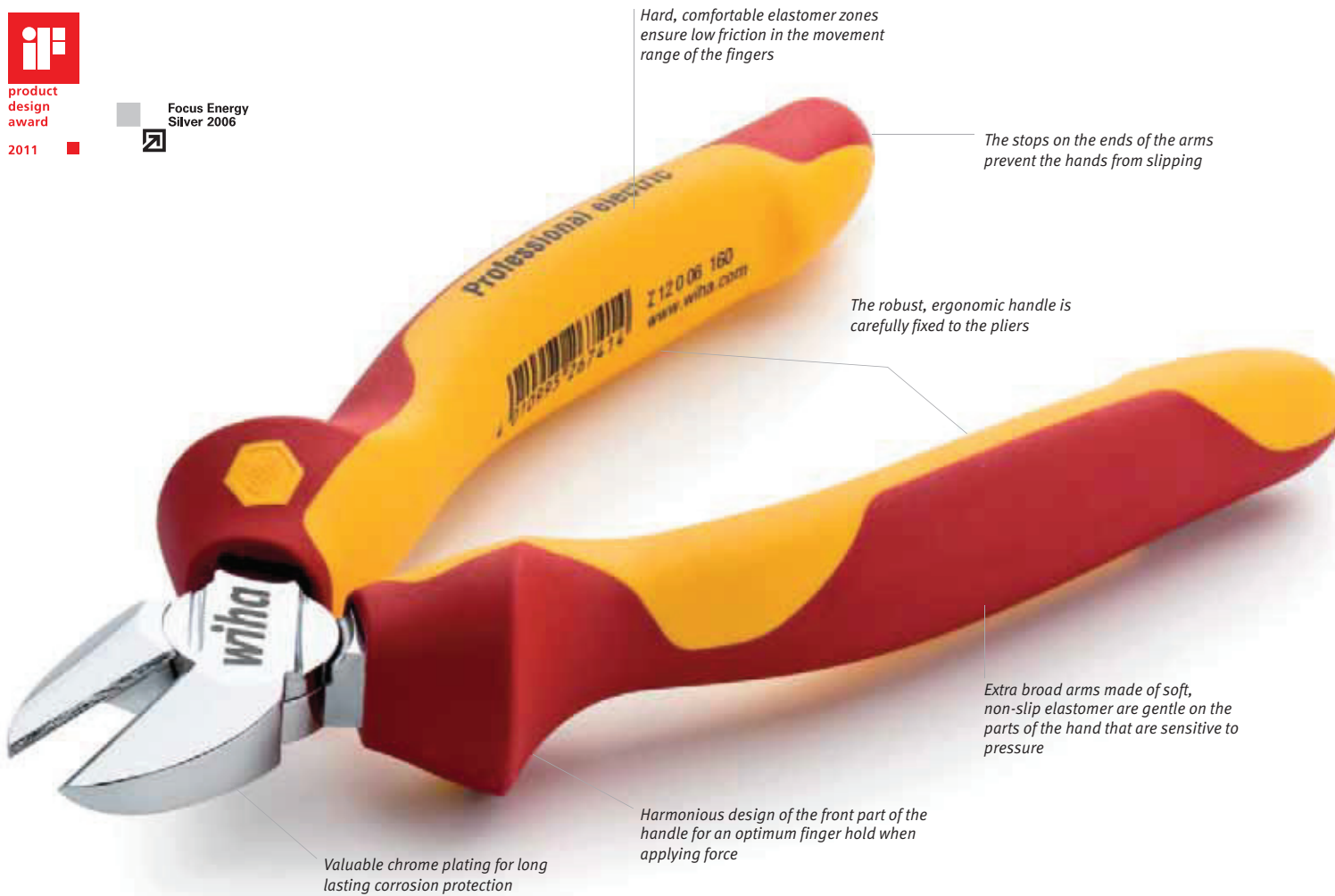


product
design
award

2011



Focus Energy
Silver 2006



Hard, comfortable elastomer zones ensure low friction in the movement range of the fingers

The stops on the ends of the arms prevent the hands from slipping

The robust, ergonomic handle is carefully fixed to the pliers

Extra broad arms made of soft, non-slip elastomer are gentle on the parts of the hand that are sensitive to pressure

Harmonious design of the front part of the handle for an optimum finger hold when applying force

Valuable chrome plating for long lasting corrosion protection

For the VDE-tested Wiha Professional electric pliers only one thing counts: to protect the user one hundred percent when working precisely with live parts.

The new DynamicJoint® construction proves its worth: it makes cutting significantly easier and helps to eliminate the danger of cramping or slipping due to excessive force of power.

In addition the handle insulation and curved handle ends that prevent the fingers slipping away ensure even more safety.



Wiha Info



Wiha DynamicJoint –
A new dimension in
strength and durability

- **Innovative:**
Optimised joint construction
- **Effective:**
Low loss of force means less force needed for cutting
- **Permanent:**
Optimal performance even after thousands of cuts

Must maintain the highest level of electrical safety! All Wiha Professional electric pliers meet the strict VDE requirements.



1000 V
IEC 60900:2012

Approved for work in the area of live parts up to 1,000 V AC or 1,500 V DC. When working with VDE tools, observe the national safety and accident prevention regulations.



Wiha Professional electric.

- **Uncompromisingly safe**
Manufactured and inspected according to IEC 60900:2012, one-off testing at 10,000 V, GS mark for inspected safety, VDE tested
- **Powerful**
With DynamicJoint®, the high quality joint construction for simple, long-term cutting efficiency
- **As hard as steel**
Pliers head drop forged from high quality steels
- **Robust and durable**
Cutting edges are individually tempered and additionally induction hardened, joints are extremely wear resistant and can withstand high stresses, and with high-quality riveting
- **Ergonomic**
Extra wide handle backs, with soft and hard zones perfectly distributed across the handle
- **Attractive**
Award-winning design

**Safety note:**

When working with cutting pliers –
beware of wire ends flying away.
Please wear safety glasses.

Combination pliers and high-leverage combination pliers.

1000 V
IEC 60900:2012

Z 01 0 06

Combination pliers Professional electric.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: DIN ISO 5746. Manufactured acc. to IEC 60900:2012.
Head shape: Extra long cutting edge for flat and round cables.
Design: OptiGrip - the newly designed gripping surface with 'triple-point support' ensures optimal hold of the workpiece while working.
Cutting edges additionally induction hardened to approx. 64 HRC.
The Wiha DynamicJoint® ensures optimal transmission of hand strength to the cutting edges.
Material: High quality C 70 tool steel, tempered.
Application: General purpose pliers for gripping and holding as well as cutting soft and hard wires and cables.
For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	○	●	●	g	SB	SB
26705	160	6 ½	3.1	2.0	1.6	195		5
27328	160	6 ½	3.1	2.0	1.6	195	x	5
26708	180	7	3.4	2.2	1.8	245		5
27418	180	7	3.4	2.2	1.8	245	x	5
26711	200	8	3.8	2.5	2.0	325		5
27419	200	8	3.8	2.5	2.0	325	x	5



1000 V
IEC 60900:2012

Z 02 0 06

High leverage combination pliers Professional electric.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: DIN ISO 5746. Manufactured acc. to IEC 60900:2012.
Head shape: Extra long cutting edge for flat and round cables.
Design: OptiGrip - the newly designed gripping surface with 'triple-point support' ensures optimal hold of the workpiece while working.
Particularly powerful leverage results in 40% less effort being required for cutting tasks compared with standard combination pliers.
Cutting edges additionally inductively hardened to approx. 64 HRC, therefore also appropriate for cutting piano wire.
The Wiha DynamicJoint® ensures optimal transmission of hand strength to the cutting edges.
Material: High quality C 70 tool steel, specially tempered.
Application: Power assisted general purpose pliers for gripping and holding as well as cutting wires and cables ranging in hardness from soft to extremely hard. For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	○	●	●	g	SB	SB
26714	200	8	3.8	2.8	2.3	330		5
27420	200	8	3.8	2.8	2.3	330	x	5
26717	225	9	4.4	3.0	2.5	390		5
27421	225	9	4.4	3.0	2.5	390	x	5

Needle nose pliers with cutting edge (snipe nose pliers).

1000 V
IEC 60900:2012

Z 05 0 06

Needle nose pliers Professional electric with cutting edge.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: DIN ISO 5745. Manufactured acc. to IEC 60900:2012.
Head shape: Straight shape.
Design: Extra long cutting edge for flat and round cables.
Gripping surfaces partially serrated in parts.
Cutting edges additionally induction hardened to approx. 64 HRC.
Material: High quality C 70 tool steel, tempered.
Application: Gripping and holding as well as cutting soft and hard wires and cables.
Preferred choice in the electrical sectors.
For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	○	●	●	g	SB	SB
26720	160	6 ½	2.5	1.8	1.2	155		5
27422	160	6 ½	2.5	1.8	1.2	155	x	5
26727	200	8	3.2	2.2	1.6	200		5
27423	200	8	3.2	2.2	1.6	200	x	5



1000 V
IEC 60900:2012

Z 05 1 06

Needle nose pliers Professional electric with cutting edge.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: DIN ISO 5745. Manufactured acc. to IEC 60900:2012.
Head shape: Angled, approx. 40°.
Design: Extra long cutting edge for flat and round cables.
Gripping surfaces partially serrated in parts.
Cutting edges additionally induction hardened to approx. 64 HRC.
Material: High quality C 70 tool steel, tempered.
Application: Gripping and holding as well as cutting soft and hard wires and cables.
Preferred choice in the electrical sectors.
For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	○	●	●	g	SB	SB
26728	160	6 ½	2.5	1.8	1.2	155		5
27424	160	6 ½	2.5	1.8	1.2	155	x	5
26729	200	8	3.2	2.2	1.6	200		5
27425	200	8	3.2	2.2	1.6	200	x	5

Details of cutting results of cutting pliers.

Symbol/Types of wire	Example	Tensile strength ca. N/mm ²
○ Soft wire	Copper, aluminium	220 - 250
● Medium hard wire	Iron nail	750 - 800
● Hard wire	Spring wire, steel nails	1.600 - 1.800
● Piano wire	Hardened spring steel	2.200 - 2.300

Test wires standardised in DIN ISO 5744

Wiha Professional electric.

Completely reliable.

Diagonal cutters.



Z 12 0 06

Diagonal cutters Professional electric.

Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: DIN ISO 5749.

Manufactured acc. to IEC 60900:2012.

Head shape: Semi-circular, swedish style.

Design: Low wear lap joint, riveted and able to withstand high loads.

Lightweight action, clean cutting achieved by specially milled precision cutting edges. Long term cutting is achieved through additional inductive hardening to approx. 64 HRC. The Wiha DynamicJoint® ensures optimal transmission of hand strength to the cutting edges.

Material: High quality C 70 tool steel, tempered.

Application: Universal cutter for cutting soft and hard wires and cables, also suitable for cutting and stripping cables. For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	○	●	●	●	g	SB	≡
26737	140	5 ½	4.0	2.5	1.8	1.4	160		5
27428	140	5 ½	4.0	2.5	1.8	1.4	160	x	5
26741	160	6 ½	4.0	2.8	2.0	1.6	200		5
27429	160	6 ½	4.0	2.8	2.0	1.6	200	x	5
26744	180	7	4.0	3.0	2.5	1.8	250		5
27430	180	7	4.0	3.0	2.5	1.8	250	x	5



Z 16 0 06

Heavy duty diagonal cutters Professional electric.

Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: DIN ISO 5749.

Manufactured acc. to IEC 60900:2012.

Head shape: Semi-circular.

Design: Low wear lap joint, riveted and able to withstand high levels of load.

Lightweight action, clean cutting achieved by specially milled precision cutting edges. Long term cutting is achieved through additional inductive hardening to approx. 64 HRC. The Wiha DynamicJoint® ensures optimal transmission of hand strength to the cutting edges.

Material: High quality C 70 tool steel, tempered.

Application: Power-assisted all-round diagonal cutter for cutting soft to extremely hard wires and cables. For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	○	●	●	●	g	SB	≡
26748	160	6 ½	3.5	2.5	2.0	1.90			5
27432	160	6 ½	3.5	2.5	2.0	1.90		x	5
26751	180	7	3.8	2.7	2.3	2.60			5
27434	180	7	3.8	2.7	2.3	2.60		x	5
26754	200	8	4.2	3.0	2.5	3.15			5
27435	200	8	4.2	3.0	2.5	3.15		x	5

Diagonal cutters.



NEW

Z 18 0 06

BiCut Professional electric - switchable high-performance diagonal cutters.

Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: Based on DIN ISO 5749.

Head shape: Semi-circular.

Design: Clever - BiCut does the job of two pairs of pliers. Powerful - Up to 50% less hand strength required for cutting. Power - Cutting force doubled for extremely hard materials. Comfortable - Easily switch between the two strengths in a one handed operation. Robust and durable - Cutter blades induction hardened up to 64 HRC.

Material: Hard as steel - Drop forged of high-quality C70 steel.

Application: For cutting various materials from soft to extremely hard, such as cables, nails, screws, bolts, wire cable, spring wire, chains, etc. For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	○	●	●	g	SB	≡
38191	200	8	3.5	3	350			5
38984	200	8	3.5	3	350		x	5



Z 14 0 06

Electrician's diagonal cutters Professional electric.

Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: DIN ISO 5749.

Manufactured acc. to IEC 60900:2012.

Head shape: Semi-circular, swedish style.

Design: Low wear lap joint, riveted and able to withstand high loads.

The Wiha DynamicJoint® ensures optimal transmission of hand strength to the cutting edges. Lightweight action, clean cutting achieved by specially milled precision cutting edges. Long term cutting is achieved through additional inductive hardening to approx. 64 HRC.

Rear cutting area near to plier joint also suitable for medium-hard and hard wire. Front cutting area for soft wire, with precision stripping stations for 1.5 mm² and 2.5 mm² single-wire conductor.

Material: High quality C 70 tool steel, tempered.

Application: Special diagonal cutters with additional function for electrical installation. For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	○	●	●	g	SB	≡
26745	160	6 ½	4.0	2.0	1.6	200		5
27431	160	6 ½	4.0	2.0	1.6	200		x 5



Safety note:
When working with cutting pliers – beware of wire ends flying away. Please wear safety glasses.

Installation pliers and cable cutter.



NEW
Z 14 1 06



Professional electric TriCut installation pliers
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: Manufactured acc. to IEC 60900:2012.
Head shape: With three processing stations: For cutting and stripping.
Design: Low wear lap joint, riveted and able to withstand high loads. Diagonal cutters with durable cutting edges due to additional induction hardening to approx. 64 HRC. Ergonomic and energy-saving stripping lengthwise on the cable and the pliers, thanks to the specially cranked head.
Material: High quality C 70 tool steel, tempered.
Application: Diagonal cutters for cutting soft and hard wires, as well as cables such as NYM lines 3x1.52 - 5x2.52
Flush stripping of round and damp-proof cable and stripping of conductors, even in hard-to-reach areas, e.g. in junction boxes and distribution boxes. For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	○	○	●	g	SB	SB
38552	170	7	4	2.5	1.6	260		5
38853	170	7	4	2.5	1.6	260	x	5



Z 50 1 06



Cable cutters Professional electric.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: Manufactured acc. to IEC 60900:2012.
Head shape: Classic cutting form.
Design: Light, energy-saving and clean cutting with specially ground precision cutting edges. Durable cutting edges due to additional induction hardening to approx. 58 HRC. Safety stop prevents finger injuries after cutting.
Material: Special tool steel C 70, tempered.
Application: Cable cutter for cutting of copper and aluminium cables without crushing, also suitable for stripping. Not for steel cable, wires and copper conductors with hard coatings. For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	Ø	mm²	g	SB	SB
34743	160	6 ½	16	50	190		5
35704	160	6 ½	16	50	190	x	5
34744	200	8	20	60	305		5
35705	200	8	20	60	305	x	5

Stripping pliers and needle-nose and round-nose pliers.



Z 55 0 06



Stripping pliers Professional electric.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: DIN ISO 5743. Manufactured acc. to IEC 60900:2012.
Head shape: Precision cutting edge prism for even cutting of cable insulation.
Design: An easy to use adjusting screw allows the stripping diameter to be set. Opening spring for effortless and sensitive handling of pliers.
Material: High quality C 70 tool steel, tempered.
Application: Simple stripping of cables and strands of up to ø 5 mm/ 10 mm² conductor cross-section.
For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	Ø	mm²	g	SB	SB
26847	160	6 ½	5	10	155		5
27437	160	6 ½	5	10	155	x	5



Z 07 0 06



Long-flat nose pliers Professional electric.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: DIN ISO 5745. Manufactured acc. to IEC 60900:2012.
Head shape: Extra long head.
Design: Ridged gripping surfaces.
Material: High-quality tool steel, tempered.
Application: Gripping and right-angled bending of wires and sheet metal parts.
For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	g	SB	SB
26732	160	6 ½	160		5
27426	160	6 ½	160	x	5



Z 09 0 06



Long-round nose pliers Professional electric.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Standards: DIN ISO 5745. Manufactured acc. to IEC 60900:2012.
Head shape: Extra long head.
Design: Ridged gripping surfaces.
Material: High-quality tool steel, tempered.
Application: Gripping and bending of wires and sheet metal parts.
For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	g	SB	SB
26735	160	6 ½	140		5
27427	160	6 ½	140	x	5



Wiha Professional electric.

Completely reliable.

Water pump pliers.



NEW

Z 21 0 06



Professional electric water pump pliers, box type.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

- Standards: DIN ISO 8976.
Manufactured acc. to IEC 60900:2012.
- Head shape: Narrow head, therefore also appropriate for work in small spaces.
- Design: Precision adjustment joint, box type, providing optimum adaptation to object to be gripped. Long durability achieved by additional inductive hardening of gripper jaws.
- Material: Chrome-vanadium molybdenum steel, tempered.
- Application: For gripping and holding pipes and angular profiles such as hex nuts in the installation area. For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	⊙	⊙	g	SB	
33520	250	10	2	50	405		5
38631	250	10	2	50	405	x	5

Crimping pliers.



NEW

Z 60 0 06



Professional electric crimping pliers.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

- Standards: DIN ISO 5743.
Manufactured acc. to IEC 60900:2012.
- Head shape: Fixed profile grooves for the relevant conductor cross-sections.
- Design: Trapezoidal or semi-circular profiles for a secure connection between end sleeve and conductor. Sleeve and conductor inserted from the side.
- Material: High-quality tool steel, tempered.
- Application: For crimping end sleeves acc. to DIN 46228 parts 1 + 4.
For all work on or around electrical components up to 1,000 V AC.

Order-No.	mm	II	mm ²	g	SB	
35861	145	5 ¼	0,25-2,5	130		5
38985	145	5 ¼	0,25-2,5	250	x	5
35862	180	7	0,25-16	250		5
38986	180	7	0,25-16	250	x	5



NEW

Z 22 0 06



Professional electric water pump pliers with push button adjustment.
Individually tested protective insulation 1,000 V AC, VDE and GS tested.

- Standards: DIN ISO 8976.
Manufactured acc. to IEC 60900:2012.
- Head shape: Narrow head, therefore also appropriate for work in small spaces.
- Design: Precision adjustment joint, box type, providing optimum adaptation to object to be gripped. Rapid and simple push button setting and locking. Long durability achieved by additional inductive hardening of gripper jaws.
- Material: Chrome-vanadium molybdenum steel, tempered.
- Application: For gripping and holding pipes and angular profiles such as hex nuts in the installation area.
For all work on or around electrical components up to 1,000 V AC.

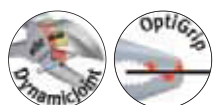
Order-No.	mm	II	⊙	⊙	g	SB	
37450	250	10	2	50	405		5
38632	250	10	2	50	405	x	5

Opening width of water pump pliers.

- ⊙: Maximum gripper width across flats [mm]
⊙: Maximum gripper pipe diameter ["]

**Safety note:**

When working with cutting pliers –
beware of wire ends flying away.
Please wear safety glasses.

Pliers set.

1000 V
IEC 60900:2012

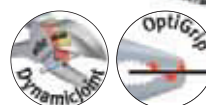
Z 99 0 001 06 Pliers set Professional electric, 3 pcs.

Individually tested protective insulation 1,000 V AC, VDE and GS tested.

Design: All pliers made of high quality tool steel, hardened, polished and chrome-plated. Multi-component handles with slip guard for safe and comfortable operation. Individually tested for electrical safety in accordance with IEC 60900:2012. Weight 820 g.

Application: All tools suitable for use with or near live components up to 1,000 V AC. For all work on or around electrical components up to 1,000 V AC.

Order-No.	Series	
26852	Z 99 0 001 06	1
	Z 01 0 06	Combination pliers Professional electric. With Wiha DynamicJoint® and OptiGrip. 180 mm 7"
	Z 12 0 06	Diagonal cutters Professional electric. With Wiha DynamicJoint®. 160 mm 6 1/2"
	Z 05 0 06	Needle nose pliers Professional electric with cutting edge. With Wiha DynamicJoint® and OptiGrip. 200 mm 8"

Display.

1000 V
IEC 60900:2012

NEU**Z 99 0 005 06VH Professional electric pliers display.**

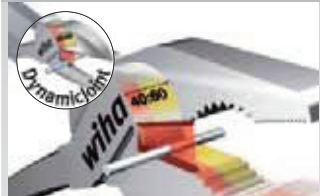
Card display with 10 pieces.

Insulation up to 1,000 V AC, GS-mark.

Design: Pliers made of high quality tool steel, hardened, polished and chrome plated. Multi-component handles with slip guard for safe and comfortable operation. Size 25.5 x 25.5 x 25.5 cm (WxDxH). Weight 3.18 kg.

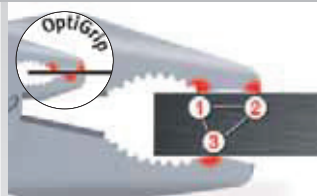
Application: The pliers selection for demanding electricians. For all work on or around electrical components up to 1,000 V AC.

Order-No.	Series	
36063	Z 99 0 005 06VH	1
	Z 01 0 06	Combination pliers Professional electric. With Wiha DynamicJoint® and OptiGrip. 180 mm 7"
	Z 05 0 06	Needle nose pliers Professional electric with cutting edge. With Wiha DynamicJoint® and OptiGrip. 200 mm 8"
	Z 12 0 06	Diagonal cutters Professional electric. With Wiha DynamicJoint®. 160 mm 6 1/2"
	Z 16 0 06	Heavy duty diagonal cutters Professional electric. With Wiha DynamicJoint®. 180 mm 7"
	Z 55 0 06	Stripping pliers Professional electric. 160 mm 6 1/2"

Wiha Info

Wiha DynamicJoint –
A new dimension in
strength and durability

- **Innovative:**
Optimised joint construction
- **Effective:**
Low loss of force means
less force needed for cutting
- **Permanent:**
Optimal performance even after
thousands of cuts

Wiha Info

Opti-Grip – optimal grip
due to newly designed gripping
surfaces

- **A firm hold:** The 'triple-point support'
protects the workpiece from
twisting or slipping.
- **Highly effective:** Optimum grip even
with a large jaw opening – and at
the same time significantly
less force needed
- **A wide selection:** Now in standard
Wiha combination pliers and high
leverage combination pliers

Wiha Inomic® VDE.

Completely relaxed.



product design award

2013



reddot design award winner 2013



Locking mechanism: Pliers should be transported and stored in closed position

Head of pliers made of high quality tool steel, cutting edges additionally induction hardened

Metal parts with all-round, corrosion resistant surface

Handle with ergonomic soft-grip zone made of thermoplastic elastomer (TPE) in the pressure area around the ball of the thumb

Impact-resistant tool body made of fibre-glass reinforced plastic: Low weight

The areas in the arm of the pliers that move and press against each other feature hard plastic: low abrasion

How can maximum safety and effective working be combined with live parts? It's possible, with the Wiha Inomic® VDE.

A principle of nature has inspired Wiha for the design of this pliers range: the angled form of the pliers means the user can work without tiring limbs, sinews and muscles, and he can apply a powerful grip when cutting. That means: tiredness and aching limbs are not an issue even after hours of work.



And just to be on the safe side: Wiha Inomic® VDE pliers are regularly subjected to a wide range of stringent quality inspections, thus repeatedly confirming their high normative quality.

Safety and functionality at the highest level - and with unashamedly good looks!

The relaxed position of the hand when using Inomic® VDE ensures fatigue-free work. Guaranteed with highest electrical safety level.



Approved for work in the area of live parts up to 1,000 V AC or 1,500 V DC. When working with VDE tools, observe the national safety and accident prevention regulations.



Wiha Inomic® VDE.

- Uncompromisingly safe**
 Manufactured and inspected according to IEC 60900:2012, one-off testing at 10,000 V, GS mark for inspected safety, VDE tested
- Gentle**
 The angled form is easy on muscles, tendons and joints
- Powerful**
 All fingers grip at the same time.
- Robust and durable**
 Strong pliers jaws, complete zinc-nickel coating, impact resistant construction
- Sensitive**
 Greater control with grasping via opening spring with fine resistance
- Ergonomic**
 Like the extension of a hand: grasping is simple, firm and safe
- Attractive**
 An appealing design



Safety note:
When working with cutting pliers – beware of wire ends flying away. Please wear safety glasses.

Combination pliers.



Z 01 9 16

Combination pliers Inomic® VDE.
Insulation up to 1,000 V AC, GS-mark.

- Standards: Manufactured acc. to IEC 60900:2012.
- Head shape: With cutting edge for flat and round cable.
- Design: Serrated gripping jaws.
Cutting edges additionally induction hardened to approx. 62 HRC.
Arms of the pliers move in parallel: +25% force transfer.
Angled shape (23°) for fatigue-free work.
With opening spring and locking mechanism.
- Material: Pliers head of high-quality tool steel.
Handles made of tough fibre-glass reinforced plastic, ergonomic soft grip zone in the handle.
- Application: For gripping, holding and cutting.
With improved access to the objects to be processed.

Order-No.	Typ	○	◐	◑	↵	↵
30658	180	3.5	2.5	1.6	160	5

Needle nose pliers and diagonal cutters.

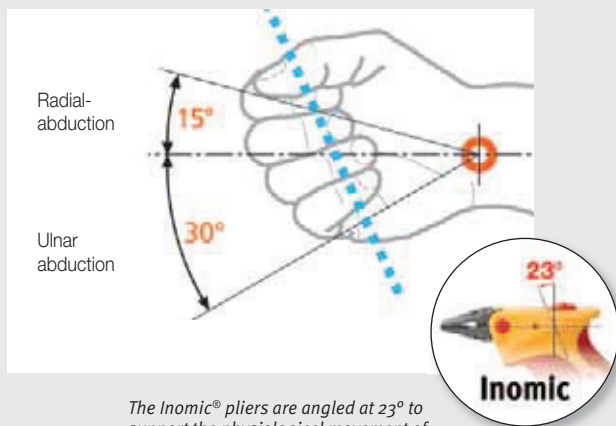


Z 06 0 16

Needle nose pliers Inomic® VDE.
Insulation up to 1,000 V AC, GS-mark.

- Standards: Manufactured acc. to IEC 60900:2012.
- Head shape: Straight shape with blade and three stripping points 2.5 mm², 1.5 mm², 0.75 mm².
- Design: Ridged gripping surfaces.
Cutting edges additionally induction hardened to approx. 62 HRC.
Arms of the pliers move in parallel: +25% force transfer.
Angled shape (23°) for fatigue-free work.
With opening spring and locking mechanism.
- Material: Pliers head of high quality C 70 tool steel.
Handles made of tough fibre-glass reinforced plastic, ergonomic soft grip zone in the handle.
- Application: For gripping, holding, cutting and stripping.
With improved access to the objects to be processed.

Order-No.	Typ	○	◐	↵	↵
33259	160	2.5	1.6	155	5



The Inomic® pliers are angled at 23° to support the physiological movement of the wrist when working and thus prevent an unhealthy wrist position, which often leads to problems such as carpal tunnel syndrome.

Details of cutting results of cutting pliers.

Symbol/Types of wire	Example	Tensile strength ca. N/mm ²
○ Soft wire	Copper, aluminium	220 - 250
◐ Medium hard wire	Iron nail	750 - 800
◑ Hard wire	Spring wire, steel nails	1.600 - 1.800
● Piano wire	Hardened spring steel	2.200 - 2.300

Test wires standardised in DIN ISO 5744



Z 12 9 16

Diagonal cutters Inomic® VDE.
Insulation up to 1,000 V AC, GS-mark.

- Standards: Manufactured acc. to IEC 60900:2012.
- Head shape: Innovative head with dual cutting function.
Cutting edge with bevel near the joint, cutting edge without bevel in the front cutting area.
- Design: Cutting edges additionally induction hardened to approx. 62 HRC.
Arms of the pliers move in parallel: +25% force transfer.
Angled shape (23°) for fatigue-free work.
With opening spring and locking mechanism.
- Material: Pliers head of high-quality tool steel.
Handles made of tough fibre-glass reinforced plastic, ergonomic soft grip zone in the handle.
- Application: For cutting hard wires in the joint area.
Flush, burr-free cutting of soft wires, cables and plastics in the front cutting area.
With improved access to the objects to be processed.

Order-No.	Typ	○	◐	◑	↵	↵
30666	160	3.5	2.5	1.6	145	5