

# Wiha Professional electric.

Completely reliable.

**Focus Energy Silber 2006**



Wiha received the "Focus in Silber" award for outstanding design.

Valuable chrome plating for long lasting corrosion protection

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



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.

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



**Wiha Professional electric.**

- **Uncompromisingly safe**  
Manufactured and inspected according to IEC 60900:2004, 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

**AC 1000V IEC 60900:2004**

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.



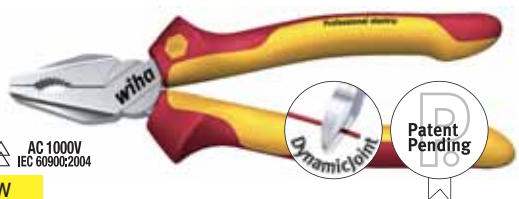
**Neues Detailbild: -Zangenkopf VDE - ????**



The low expenditure of energy thanks to DynamicJoint is especially advantageous when cutting a large number of hard objects.



### Combination and stripping pliers.



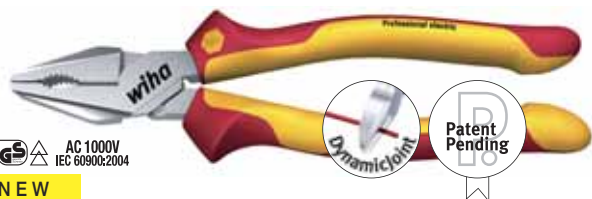
AC 1000V  
IEC 60900:2004

NEW

**Z 01 0 06** Combination pliers Professional electric.  
Insulation 1000 V AC, VDE-tested and with GS mark.

Standards: DIN ISO 5746. Manufactured acc. to IEC 60900:2004.  
Head shape: Extra long cutting edge for flat and round cables.  
Design: Serrated gripper jaws. Cutting edges additionally induction hardened to approx. 62 HRC. The Wiha DynamicJoint ensures optimal transmission of hand strength to the cutting edges.  
Material: High-quality tool steel, tempered.  
Application: General purpose pliers for gripping and holding as well as cutting soft and hard wires and cables.

Order-No.	mm	II	○	●	↵	≡
26705 6	160	6 ½	3.2	2.0	195	5
26708 7	180	7	3.4	2.2	245	5
26711 7	200	8	3.6	2.5	325	5



AC 1000V  
IEC 60900:2004

NEW

**Z 02 0 06** High leverage combination pliers Professional electric.  
Insulation 1000 V AC, VDE-tested and with GS mark.

Standards: DIN ISO 5746. Manufactured acc. to IEC 60900:2004.  
Head shape: Extra long cutting edge for flat and round cables.  
Design: Serrated gripper jaws. 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 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.

Order-No.	mm	II	○	●	↵	≡
26714 8	200	8	3.8	2.8	2.3	315



AC 1000V  
IEC 60900:2004

**Z 55 0 06** Stripping pliers Professional electric.  
Insulation 1000 V AC, VDE-tested and with GS mark.

Standards: DIN ISO 5743. Manufactured acc. to IEC 60900:2004.  
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 tool steel, tempered.  
Application: Simple stripping of cables and strands of up to  $\varnothing 5 \text{ mm} = 10 \text{ mm}^2$  conductor cross-section. For all work on or around electrical components up to 1000 V AC.

Order-No.	mm	II	↵	≡
26847 3	160	6 ½	155	5

### Long-flat and needle nose pliers.



AC 1000V  
IEC 60900:2004

**Z 05 0 06** Needle nose pliers Professional electric with cutting edge.  
Insulation 1000 V AC, VDE-tested and with GS mark.

Standards: DIN ISO 5745. Manufactured acc. to IEC 60900:2004.  
Head shape: Straight shape.  
Design: Extra long cutting edge for flat and round cables. Gripping surfaces serrated in parts. Cutting edges additionally induction hardened to approx. 62 HRC.  
Material: High-quality 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 1000 V AC.

Order-No.	mm	II	○	●	↵	≡
26720 9	160	6 ½	2.5	1.8	155	5
26727 8	200	8	2.8	2.0	200	5



AC 1000V  
IEC 60900:2004

**Z 05 1 06** Needle nose pliers Professional electric with cutting edge.  
Insulation 1000 V AC, VDE-tested and with GS mark.

Standards: DIN ISO 5745. Manufactured acc. to IEC 60900:2004.  
Head shape: Angled, approx. 40°.  
Design: Extra long cutting edge for flat and round cables. Gripping surfaces serrated in parts. Cutting edges additionally induction hardened to approx. 62 HRC.  
Material: High-quality 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 1000 V AC.

Order-No.	mm	II	○	●	↵	≡
26728 5	160	6 ½	2.5	1.8	155	5
26729 2	200	8	2.8	2.0	200	5



AC 1000V  
IEC 60900:2004

**Z 07 0 06** Long-flat nose pliers Professional electric.  
Insulation 1000 V AC, VDE-tested and with GS mark.

Standards: DIN ISO 5745. Manufactured acc. to IEC 60900:2004.  
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 1000 V AC.

Order-No.	mm	II	↵	≡
26732 2	160	6 ½	160	5

# Wiha Professional electric.

Completely reliable.

## Round nose pliers and diagonal cutters.



AC 1000V  
IEC 60900:2004

**Z 09 0 06** Long-round nose pliers Professional electric.  
Insulation 1000 V AC, VDE-tested and with GS mark.

Standards: DIN ISO 5745. Manufactured acc. to IEC 60900:2004.  
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.

Order-No.	mm	II	mm	mm
26735 3	160	6 ½	140	5



AC 1000V  
IEC 60900:2004

**NEW**  
**Z 12 0 06** Diagonal cutters Professional electric.  
Insulation 1000 V AC, VDE-tested and with GS mark.

Standards: DIN ISO 5749. Manufactured acc. to IEC 60900:2004.  
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. Durable cutting edges due to additional induction hardening to approx. 62 HRC. The Wiha DynamicJoint ensures optimal transmission of hand strength to the cutting edges.  
Material: High-quality tool steel, tempered.  
Application: Universal cutter for cutting soft and hard wires and cables, also suitable for cutting and stripping cables.

Order-No.	mm	II	mm	mm	mm	mm	mm	mm
26737 7	140	5 ½	4.0	2.5	1.8	160	5	
26741 4	160	6 ½	4.0	2.8	2.0	200	5	
26744 5	180	7	4.0	3.0	2.5	250	5	



AC 1000V  
IEC 60900:2004

**NEW**  
**Z 16 0 06** Heavy duty diagonal cutters Professional electric.  
Insulation 1000 V AC, VDE-tested and with GS mark.

Standards: DIN ISO 5749. Manufactured acc. to IEC 60900:2004.  
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 tool steel, specially tempered.  
Application: Power-assisted all-round diagonal cutter for cutting soft to extremely hard wires and cables.

Order-No.	mm	II	mm	mm	mm	mm	mm
26748 3	160	6 ½	3.5	2.5	2.0	190	5
26751 3	180	7	3.8	2.7	2.3	260	5
26754 4	200	8	4.2	3.0	2.5	315	5

## Diagonal and cable cutters.



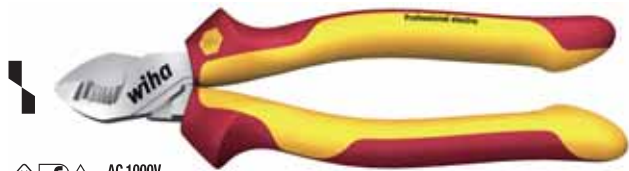
AC 1000V  
IEC 60900:2004

**NEW**  
**Z 14 0 06** Electrician's diagonal cutters Professional electric.  
Insulation 1000 V AC, VDE-tested and with GS mark.

Standards: DIN ISO 5749. Manufactured acc. to IEC 60900:2004.  
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.  
Durable cutting edges due to additional induction hardening to approx. 62 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 mm<sup>2</sup> and 2.5 mm<sup>2</sup> single-wire conductor.  
Material: Special tool-steel, hardened & tempered.  
Application: Special diagonal cutters with additional function for electrical installation. For all work on or around electrical components up to 1000 V AC.

Order-No.	mm	II	mm	mm	mm	mm
26745 2	160	6 ½	4.0	2.0	200	5



AC 1000V  
IEC 60900:2004

**NEW**  
**Z 50 1 06** Cable cutters Professional electric.  
Insulation 1000 V AC, VDE-tested and with GS mark.

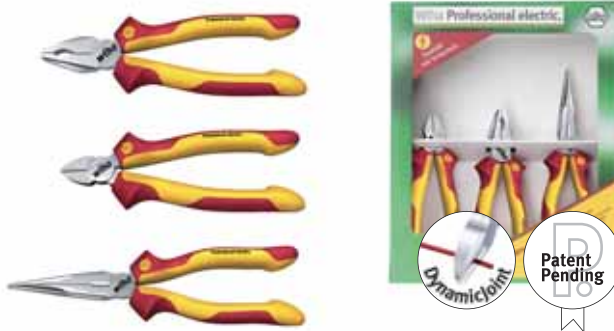
Standards: Manufactured acc. to IEC 60900:2004.  
Head shape: Classic cutting form.  
Design: Light, energy-saving and clean cutting with specially ground precision cutting edges.  
Durable cutting edges due to additional induction hardening to approx. 62 HRC.  
Safety stop prevents finger injuries after cutting.  
Material: Special tool-steel, hardened & 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 1000 V AC.

Order-No.	mm	II	mm	mm <sup>2</sup>	mm	mm
34743 7	160	6 ½	16	50	190	5
34744 4	200	8	20	60	305	5





## Pliers set.



AC 1000V  
IEC 60900:2004

Z 99 0 001 06

**Pliers set Professional electric, 3 pcs.**

**Insulation 1000 V AC, VDE-tested and with GS mark.**

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 60900:2004. Weight 820 g.

Content:

**VDE combination pliers**, series Z 01 0 06, 180 mm

– with Wiha DynamicJoint

**VDE diagonal cutters**, series Z 12 0 06, 160 mm

– with Wiha DynamicJoint

**Needle nose pliers** series Z 05 0 06, 200 mm

Application:

All tools suitable for use with or near live components up to 1000 V AC. For all work on or around electrical components up to 1000 V AC.

Order-No.	Series	
26852 7	Z 99 0 001 06	1

## Tool set.



AC 1000V  
IEC 60900:2004

Z 99 0 002 06

**Tool set Professional electric Mix, 5 pcs.**

**Insulation 1000 V AC, VDE-tested and with 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. Insulated screwdrivers.

Tips with black finish.

Individually tested for electrical safety in accordance with IEC 60900:2004. Weight 780 g.

Content:

**Needle nose pliers** series Z 05 0 06, 200 mm

**VDE diagonal cutters**, series Z 12 0 06, 160 mm

– with Wiha DynamicJoint

**Wiha SoftFinish® electric screwdriver:**

– slotted screwdriver, series 320N: 3.5x100 / 5.5x125

– Phillips screwdriver, series 321N: PH2x100

Application:

The small, basic set of pliers and screwdrivers for skilled electricians. For all work on or around electrical components up to 1000 V AC.

Order-No.	Series	
26755 1	Z 99 0 002 06	1

## Wiha Info

NEW

**Wiha DynamicJoint – Top of their class**

- **Innovative:** Unique joint construction, patent applied for
- **Effective:** Low loss of force means **less force needed for cutting** – up to 40%
- **Permanent:** Optimal performance even after thousands of cuts



Up to 40% less force for cutting

Details of cutting results of cutting pliers.

Symbol	Types of wire	Example	Tensile strength ca. N/mm <sup>2</sup>
○	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