

# Wiha pliers.

Quality and ergonomics for professionals.



**Note:**  
The new Wiha pliers design shown in the catalogue is available from May 2010.

## Pliers range

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# Wiha pliers.



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## Quality in all aspects from stripping to gripping

Maximum quality for all products – in this way Wiha meets the high demands of the user. This also holds true for the pliers assortment.

## First class material, tried-and-true processes

Selected, premium grade steel, pleasant plastic application on the handle and a manufacturing process for all aspects according to state-of-the-art quality management directives – this forms the basis for the tried-and-trusted Wiha quality. A special heat treatment and inductive hardening of highly stressed parts ensure a long service life.

## Even more precise? Yes!

"Functionality": this somewhat sober yet important phrase represents a host of clever ideas. As such Wiha pays attention to a precise interplay of joints and an exact processing of cutting edges and gripping surfaces.

## Ergonomics: "grippy" in the best sense of the word!

Wiha pliers are consistently designed according to the requirements of users. Proof of this is the innovative and angled form of the Wiha Inomic® pliers series. And the multi-component pliers handles have also been designed according to the latest findings from the field of ergonomics. With extra wide handle backs and a well thought-out distribution of soft and hard zones they are both comfortable and easy on the hands.

## Focus Energy Silber 2006

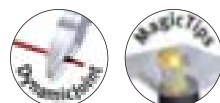


## Not only new, but innovative as well

Current examples in the further development of the Wiha pliers series clearly demonstrate what the power of innovation can achieve for users: – Wiha has perfected the interplay of technology and natural movement with the Inomic® pliers generation. – More "bite", meaning greater cutting performance with less expenditure of effort: that's what **Wiha DynamicJoint** represents. The optimised joint construction reduces the force needed for cutting by up to 40 %!

– **MagicTips**, the precision tips made from high performance steel create an added plus in terms of stability and safety with the Basic series circlip pliers. The special latching function that prevents a jumping away of the safety rings is as unique as it is useful!

Because that is and has always been the aim of Wiha innovations making work with pliers safer, more energy-saving and with greater comfort. For absolutely professional results.



## Wiha quality management

The Wiha quality assurance system in accordance with ISO 9001:2008 ensures with pliers as well that only first-class products leave our factory. Continuously monitored production processes and documented organisational procedures form the basis for the excellent quality for which Wiha products are renowned.



## Force of power with cutting

hard wire ø 1.6 mm [2,000 N/mm<sup>2</sup>]  
after 1,200 cuts

TÜV-Süd test, October 2009

Comparison of **Wiha**  
to next best competitor:

9.6 kg less force of power  
with 180 mm combination pliers



12.8 kg less force of power  
with 180 mm heavy-duty diagonal cutters



100% corresponds to 80 kg hand strength  
10% corresponds to 8 kg hand strength

1 2 3  
Competitors



For ergonomic and qualitative design, the **Wiha Inomic® pliers** were awarded not only the "iF – product design award" but the "red dot design award" as well. In addition to the red dot award, organised as part of the world's largest show for contemporary design, the iF product design award is one of the oldest and most renowned design accolades.













**Inomic® distinctions:**  
The levels of innovation, functionality, ergonomics and service life speak for themselves.

**Wiha Professional pliers** have won the "Focus in Silver" award for outstanding design. The Stuttgart Design Center awarded the 2006 international design prize in a special energy category. Energy also determines the reference level – the key to success.

"Focus in Silver" award:  
Convincing ergonomics, surface feel and clean design lines.

# Wiha pliers matrix.

Discover real pliers quality.

		Wiha Inomic®		Wiha Inomic® VDE		Wiha Professional		Wiha Professional electric		Wiha Industrial		Wiha Basic	
													
		Typ		Typ		Typ		Typ		Typ		Typ	
Combination pliers		180	179	180	245	160	181	160	247	160	186	160	190
						180	181	180	247	180	186	180	190
						200	181	200	247	200	186	200	190
High leverage combination pliers						200	181	200	247	200	186	200	190
						225	181			225	186	225	190
Needle nose pliers		160	179	160	245	160	182	160	247	160	187	160	190
						200	182	200	247	200	187	200	190
Needle nose pliers, angled						160	182	160	247	160	187	160	190
						200	182	200	247	200	187	200	190
Long-flat nose pliers						160	181	160	247	160	186	160	190
Long-round nose pliers						160	181	160	248	160	186	160	191
Diagonal cutters		160	179	160	245	140	182	140	248	140	187	140	191
						160	182	160	248	160	187	160	191
						180	182	180	248	180	187	180	191
Heavy duty diagonal cutters						160	182	160	248	160	187	160	191
						180	182	180	248	180	187	180	191
						200	182	200	248	200	187	200	191
Electrician's diagonal cutters								160	248				
Cable cutters								160	248			160	191
								200	248			200	191
Stripping pliers						160	181	160	247	160	188	160	191
Crimping pliers for end sleeves												145	191
												180	191
Revolving punch and loop pliers						225	183						
Revolving punch pliers						225	183						
Water pump pliers						250	183			250	188	180	192
												250	192
												300	192
Water pump pliers with push button setting						250	183			250	188	180	192
												250	192
												300	192
QuickFix water pump pliers						250	183					250	192
End cutting nippers												160	193
												180	193
												200	193
Pincers (carpenter's pincers)												180	193
												200	193
Concretors pincers with handle coating												200	193
												250	193
												280	193
												300	193
Concretors pincers												200	193
												250	193
												280	193
												300	193
Pipe wrenches swedish style, S-jaw		○ ➤ 1 "										320	196
		○ ➤ 1 ½"										420	196
		○ ➤ 2 "										535	196
Pipe wrenches swedish style, 45°		○ ➤ 1 "										315	196
		○ ➤ 1 ½"										420	196
		○ ➤ 2 "										570	196
Pipe wrenches swedish style, 90°		○ ➤ 1 "										320	196
		○ ➤ 1 ½"										415	196
		○ ➤ 2 "										555	196
Grip pliers with wire cutter												180	197
												250	197
												300	197
Welding grip pliers												280	197
Pipe welding grip pliers												280	197
Profile welding grip pliers												280	197
Cable shears												●	250
Crimp tools												●	250
												●	251
Automatic stripping pliers												●	251

## Circlip pliers for bores

– Straight shape

## Circlip pliers for shafts

– Shape D: 90° angled shape

- with safety latching function

## Diagonal cutter

– Narrow, pointed head

## Diagonal cutter

– Wide, pointed head

## Diagonal cutter

– Narrow, semi-circular head

## Diagonal cutter

– Wide, semi-circular head

## Oblique cutting nippers

– Wide, pointed head

## Oblique end cutting nippers

– Narrow head

– Extra narrow head, cutting edges angled at 40°

– Wide head, angled at 29°

## End cutting nippers

– Extra narrow, slim shape

– Wide head

## Needle nose pliers

– Straight head

## Needle nose pliers

– Angled

## Round nose pliers














## Flat nose pliers

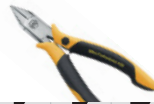








## Pointed pliers

## Stripping pliers

– 20 18 16 14 12 10 AWG, ø 0.81 - 2.59 mm

– 26 24 22 20 18 16 AWG, ø 0.4 - 1.3 mm

																	
for boreholes			for shafts			for boreholes			for shafts			for boreholes			for shafts		
Typ			Typ			Typ			Typ			Typ			Typ		
J 0	8 - 13	195	A 0	7 - 10	195	J 0	8 - 13	194	A 0	3 - 10	194	J 0	8 - 13	194	A 0	3 - 10	194
J 1	12 - 25	195	A 1	10 - 25	195	J 1	12 - 25	194	A 1	10 - 25	194	J 1	12 - 25	194	A 1	10 - 25	194
J 2	19 - 60	195	A 2	19 - 60	195	J 2	19 - 60	194	A 2	19 - 60	194	J 2	19 - 60	194	A 2	19 - 60	194
J 3	40 - 100	195	A 3	40 - 100	195	J 3	40 - 100	194	A 3	40 - 100	194	J 3	40 - 100	194	A 3	40 - 100	194
J 4	85 - 140	195	A 4	85 - 140	195	J 4	85 - 140	194	A 4	85 - 140	194	J 4	85 - 140	194	A 4	85 - 140	194
J 01	8 - 13	195	A 01	7 - 10	195	J 01	8 - 13	194	A 01	3 - 10	194	J 01	8 - 13	194	A 01	3 - 10	194
J 11	12 - 25	195	A 11	10 - 25	195	J 11	12 - 25	194	A 11	10 - 25	194	J 11	12 - 25	194	A 11	10 - 25	194
J 21	19 - 60	195	A 21	19 - 60	195	J 21	19 - 60	194	A 21	19 - 60	194	J 21	19 - 60	194	A 21	19 - 60	194
J 31	40 - 100	195	A 31	40 - 100	195	J 31	40 - 100	194	A 31	40 - 100	194	J 31	40 - 100	194	A 31	40 - 100	194
J 41	85 - 140	195	A 41	85 - 140	195	J 41	85 - 140	194	A 41	85 - 140	194	J 41	85 - 140	194	A 41	85 - 140	194

Wiha Professional ESD						Wiha Electronic					
											
			with wire trapping spring	Typ				with wire trapping spring	Typ		
●				115 283	●				118 202		
	●			115 283	●			●	120 202		
		●		115 283							
●				115 283	●				138 201		
	●		●	115 283	●			●	138 201		
		●		115 283		●			138 201		
	●			115 284							
	●			115 284							
		●		115 284							
						●			138 202		
						●			118 202		
	●			110 284							
	●			110 284							
	●			110 284							
	●			115 285							



# Wiha Inomic®.

Pliers – reinvented.

► See VDE tools,  
page 244 – 245



Innovative technology and as ergonomic as nature: descriptions that fit Wiha Inomic® pliers perfectly.

Firstly as an extension of the hand: firm and secure when gripping, and with a natural movement that is easy on the joints. And then progressive know-how: with high quality materials that feel soft but are relentless with components being worked upon.



The relaxed hold when using Inomic® ensures fatigue-free work.

Pliers have been around for ages. But never with so many ideas and intelligent details as the Wiha Inomic® pliers.



In collaboration with the IAO Stuttgart (Institute for Industrial Engineering), a wide variety of shapes and variants for this new generation of pliers was investigated during the course of extensive studies and user tests. Gripping system, hand closure forces, jaw shapes and geometries are just a few of the points examined.

- Wiha Inomic®.**
- **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

## Combination pliers.



**Z 01 0 15** Combination pliers Inomic®.  
Head shape: Extra long cutting edge for flat and round cables.  
Design: Serrated gripper jaws. Cutting edges additionally induction hardened to approx. 64 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.

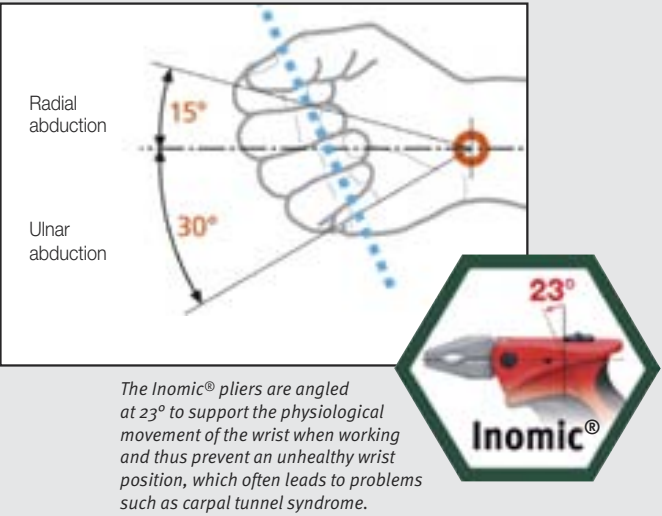
Order-No.	Typ				
33260 0	180	3.3	2.2	155	5

## Needle nose pliers and diagonal cutters.



**Z 05 0 15** Needle nose pliers Inomic®.  
Head shape: Straight form with extra-long cutting edge.  
Design: Ridged gripping surfaces. Cutting edges additionally induction hardened to approx. 64 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				
33256 3	160	2.5	1.6	150	5



Details of cutting results of cutting pliers.

Symbol	Types of wire	Example	Tensile strength ca. N/mm²
	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 0 15** Diagonal cutters Inomic®.  
Head shape: Semi-circular, swedish style.  
Design: 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 soft and hard wires. With improved access to the objects to be processed.

Order-No.	Typ				
33254 9	160	2.8	2.0	140	5



► See VDE tools,  
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# Wiha Professional.

Quality down to the last detail.



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



Functionality, quality and comfort: only three of the many features that professionals fundamentally demand of their tools. Wiha Professional implements these in a consistent manner.

With a new dimension in terms of functionality: DynamicJoint, the progressive development of the joint construction, ensures precise cuts with simultaneously up to 40% less force of power. Cutting performance is still as high even after thousands of applications!

And in addition Wiha Professional pliers are characterised by manufacture from selected, multi-hardened steel with quality chrome plating. The elastic, shock absorbing plastic handles guarantee comfortable, fatigue-free work.

Wiha Professional carries on where average tools give up the ghost. For thoroughly professional results every time.



Wiha's professional combination pliers offer a secure hold when gripping, bending and cutting both soft and hard wires. The extra wide arms of the new, ergonomic, multi-component handle sleeves offer maximum comfort, even when applying larger amounts of force.



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



## Wiha Professional.

- **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 to approx. 64 HRC; joints are extremely wear resistant and withstand high stresses, with high-quality riveting

- **Ergonomic**  
Extra wide handle backs, with soft and hard zones perfectly distributed across the handle

- **Attractive**  
Award-winning design with high quality chrome-plated head

## Combination and high leverage combination pliers.



### NEW Z 01 0 05

#### Combination pliers Professional.

Standards: DIN ISO 5746.  
Head shape: Extra long cutting edge for flat and round cables. 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	in	mm	mm	mm	mm
26704 9	160	6 1/2	3.0	2.0	195	5
26707 0	180	7	3.4	2.2	245	5
26710 0	200	8	3.6	2.5	325	5



### NEW Z 02 0 05

#### High leverage combination pliers Professional.

Standards: DIN ISO 5746.  
Head shape: Extra long cutting edge for flat and round cables. 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	in	mm	mm	mm	mm
26713 1	200	8	3.8	2.8	2.3	315
26716 2	225	9	4.4	3.0	2.5	370

### Details of cutting results of cutting pliers.

Symbol	Types of wire	Example	Tensile strength ca. N/mm²
○	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

## Stripping, long-flat and round nose pliers.



### Z 55 0 05

#### Stripping pliers Professional.

Standards: DIN ISO 5743.  
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 ø 5 mm = 10 mm² conductor cross-section.

Order-No.	mm	in	mm	mm
26846 6	160	6 1/2	155	5



### Z 07 0 05

#### Long-flat nose pliers Professional.

Standards: DIN ISO 5745.  
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.

Order-No.	mm	in	mm	mm
26731 5	160	6 1/2	160	5



### Z 09 0 05

#### Long-round nose pliers Professional.

Standards: DIN ISO 5745.  
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	in	mm	mm
26734 6	160	6 1/2	140	5







► See VDE tools,  
page 246 – 249

# Wiha Professional.

Quality down to the last detail.

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



**Z 05 0 05** Needle nose pliers Professional with cutting edge.  
Standards: DIN ISO 5745.  
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 mechanical sector.

Order-No.	mm	II	○	●	↵↵	↵
26719 3	160	6 ½	2.5	1.8	155	5
26722 3	200	8	2.8	2.0	200	5



**Z 05 1 05** Needle nose pliers Professional with cutting edge.  
Standards: DIN ISO 5745.  
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 mechanical sector.

Order-No.	mm	II	○	●	↵↵	↵
26724 7	160	6 ½	2.5	1.8	155	5
26726 1	200	8	2.8	2.0	200	5

## Diagonal cutters and heavy duty diagonal cutters.



**NEW**  
**Z 12 0 05** Diagonal cutters Professional.  
Standards: DIN ISO 5749.  
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.  
Material: High-quality tool steel, tempered.  
Application: For soft and hard wires.

Order-No.	mm	II	○	●	●	↵↵	↵
26736 0	140	5 ½	4.0	2.5	1.8	160	5
26740 7	160	6 ½	4.0	2.8	2.0	200	5
26743 8	180	7	4.0	3.0	2.5	250	5



**NEW**  
**Z 16 0 05** Heavy duty diagonal cutters Professional.  
Standards: DIN ISO 5749.  
Head shape: Semi-circular.  
Design: Low wear lap joint, riveted and able to withstand high levels of load.  
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.  
Material: High-quality tool steel, specially tempered.  
Application: Power assisted, all round diagonal cutter for soft wire as well as the most stringent of demands made by piano wires.

Order-No.	mm	II	○	●	●	↵↵	↵
26747 6	160	6 ½	3.5	2.5	2.0	190	5
26750 6	180	7	3.8	2.7	2.3	260	5
26753 7	200	8	4.2	3.0	2.5	315	5

### Details of cutting results of cutting pliers.

Symbol	Types of wire	Example	Tensile strength ca. N/mm²
○	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

## Water pump pliers.



**Z 21 0 05** Water pump pliers Professional, box type.  
Standards: DIN ISO 8976.  
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 tool steel, tempered.  
Application: For gripping and holding pipes and angular profiles such as hex nuts in the installation area.

Order-No.	mm	II	○	●	↵↵	↵
26762 9	250	10	2	50	380	5



**Z 22 0 05** Water pump pliers Professional with push button setting.  
Standards: DIN ISO 8976.  
Head shape: Extra narrow head, therefore also appropriate for work in difficult to access areas.  
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 tool steel, tempered.  
Application: For gripping and holding pipes and angular profiles such as hex nuts in the installation area.

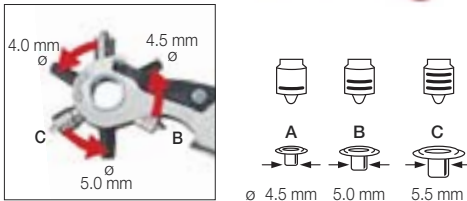
Order-No.	mm	II	○	●	↵↵	↵
26766 7	250	10	2	50	400	5



**Z 23 0 05** QuickFix water pump pliers Professional, box type.  
Standards: DIN ISO 8976.  
Head shape: Narrow head, therefore also appropriate for work in small spaces.  
Design: Fast and easy-to-adjust water pump pliers, with automatic adjustment of the box type, precision-stepped joint.  
Optimum adjustment to the object to be gripped.  
Long durability achieved by additional inductive hardening of gripper jaws.  
Material: Chrome vanadium tool steel, tempered.  
Application: For rapid and optimum gripping and holding of pipes and angular profiles such as hex nuts in the installation area.

Order-No.	mm	II	○	●	↵↵	↵
26769 8	250	10	1 ½	40	380	5

## Revolving punch pliers.



**Z 65 2 05** Professional revolving punch and loop pliers.  
Head shape: Alternate equipping of perforating tubes and loop punches.  
Design: Locking lever and rotatable magazine with hole sizes 4.0 / 4.5 and 5.0 mm and corresponding loop punches.  
Ergonomic plastic handle.  
Material: Body of pliers made of high-resistance special steel, nickel-plated.  
Application: For perforating and pressing of loops in three sizes with only one tool.

Order-No.	mm	II	Ø	↵↵	↵
29550 9	225	9	4.0-5.0	325	5



**Z 65 0 05** Professional revolving punch pliers.  
Head shape: Size designation of perforating tubes in viewing window.  
Design: Locking mechanism and 6 exchangeable punching tools, diameter: 2.0 / 2.5 / 3.0 / 3.5 / 4.0 / 4.5 mm.  
With opening spring and locking mechanism for real single-handed operation.  
Material: Body of pliers made of high-resistance special steel, nickel-plated.  
Application: Perforation of a wide variety of different materials in trade, industry and DIY.

Order-No.	mm	II	Ø	↵↵	↵
28402 2	225	9	2.0-4.5	325	5

### Opening width of water pump pliers.

○	Maximum gripper width across flats [mm]
○	Maximum gripper pipe diameter [ " ]

## 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



Less force of power:

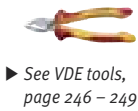


Up to 40% less force for cutting



# Wiha Professional.

Quality down to the last detail.



► See VDE tools, page 246 – 249

## Pliers set and tool bag.



**Z 99 0 002 05 Pliers set Professional Plus, 3 pcs.**  
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. Cutting pliers are also suited for extremely hard wires. QuickFix water pump pliers with "automatic" rapid adjustment. Weight 1120 g.  
Content: **High leverage combination pliers**, series Z 02 0 05, 200 mm – with Wiha DynamicJoint  
**High leverage diagonal cutters**, series Z 16 0 05, 180 mm – with Wiha DynamicJoint  
**QuickFix water pump pliers** series Z 23 0 05, 250 mm  
Application: Power assisted pliers for providing craftsmen or industrial mechanics with a basic set of pliers.

Order-No.	Series	
26854 1	Z 99 0 002 05	1



**9300-001 Mechanic's tool bag, 11 pcs.**  
Design: High-quality tools in practical tool bag with carrying handle. Bag format approx. 33 x 27 x 5.5 cm. Weight 2170 g.  
Content: **Wiha SoftFinish® screwdriver:**  
– slotted screwdriver, series 302: 3x100 / 5,5x125  
– Phillips screwdriver, series 311: PH1x80 / PH2x100  
**Bit holder with SoftFinish® handle**, series 386 (1/4")  
**XSelector** 7944-904 (PH / PZ / TORX®)  
**PocketStar** 351 PG7 (hex assortment)  
**QuickFix water pump pliers** series Z 23 0 05, 250 mm  
**Combination pliers** series Z 01 0 05, 180 mm  
**Plastic folding metre rule 1 m** 41010002  
**Plastic folding metre rule 2 m** 41020002  
Application: Selected stock for most common applications.

Order-No.	Series	
28142 7	9300-001	1

## Tool set.













**Z 99 0 003 05 Tool set Professional Mix, 5 pcs.**  
Design: Pliers made of high quality tool steel, hardened, polished and chrome plated. Multi-component handles with slip guard for safe and comfortable operation. Wiha SoftFinish® screwdriver with round blade and ChromTop® blade tip. Weight 720 g.  
Content: **Diagonal cutters**, series Z 12 0 05, 160 mm – with Wiha DynamicJoint  
**Needle nose pliers** series Z 05 0 05, 200 mm  
**Wiha SoftFinish® screwdriver:**  
– slotted screwdriver, series 302: 3.5x100 / 5.5x125  
– Phillips screwdriver, series 311: PH2x100  
Application: The compact basic set of pliers and screwdrivers for demanding craftsmen and industrial mechanics.

Order-No.	Series	
26856 5	Z 99 0 003 05	1

## Symbols.

Details of cutting results of cutting pliers.			
Symbol	Types of wire	Example	Tensile strength ca. N/mm²
○	Soft wire	Copper, aluminium	220 - 250
◐	Medium hard wire	Iron nail	750 - 800
◑	Hard wire	Spring wire, steel nail	1.600 - 1.800
●	Piano wire	Hardened spring steel	2.200 - 2.300
Test wires standardised in DIN ISO 5744			

Dimensions.	
⊗	Maximum gripper width across flats
○	Maximum gripper pipe diameter
□	Opening width, flat
⌵	Clamping range
⌋	Retaining ring, external
⌌	Retaining ring, internal

Jaw style:		Cutter style:	
	Flat jaws		Cutter without bevel
	Half round jaws		Cutter with small bevel
	Round jaws		Cutter with bevel
			Center cutter
			Scissors cutter
			Anvil cutter
			Stripper

# Wiha Industrial.

Comfortable in your hand, versatile in application.



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



Multi-polished plier heads

The interior is made of harder material for less friction

The exterior of the handle is made of soft, non-slip elastomer

Functional gripping surfaces and exact closing, induction hardened cutting edges

For industrial applications in particular, the diversity of tools and the demands made upon them have increased dramatically. Here the Wiha Industrial pliers series has proven to be ideal. It combines the advantages of the Wiha Professional and Basic series: pleasant handling, a concise shape and a flexible range.

With DynamicJoint, Wiha Industrial implements the new generation of precision joints: cuts are powerful and at the same time more energy-saving than ever before. Tests have proven: up to 40% less expenditure of effort is a convincing argument.



Wiha Industrial pliers offer a secure hold when gripping, bending and cutting soft and hard wire.

Up to 40% less force for cutting. The low expenditure of energy thanks to DynamicJoint is especially advantageous when cutting a large number of hard objects.

## Wiha Industrial.

- **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 with high quality chrome-plated head



# Wiha Industrial.

Comfortable in your hand, versatile in application.

Combination and high leverage combination pliers.



**NEW**  
**Z 01 0 02** **Combination pliers Industrial.**  
Standards: DIN ISO 5746.  
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	○	●	↵↵	▬
30979 4	160	6 ½	3.0	2.0	195	5
30826 1	180	7	3.4	2.2	245	5
30978 7	200	8	3.6	2.5	325	5



**NEW**  
**Z 02 0 02** **High-leverage combination pliers Industrial.**  
Standards: DIN ISO 5746.  
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	○	●	●	↵↵	▬
32319 6	200	8	3.8	2.8	2.3	315	5
32320 2	225	9	4.4	3.0	2.5	370	5

Flat and round-nose pliers.



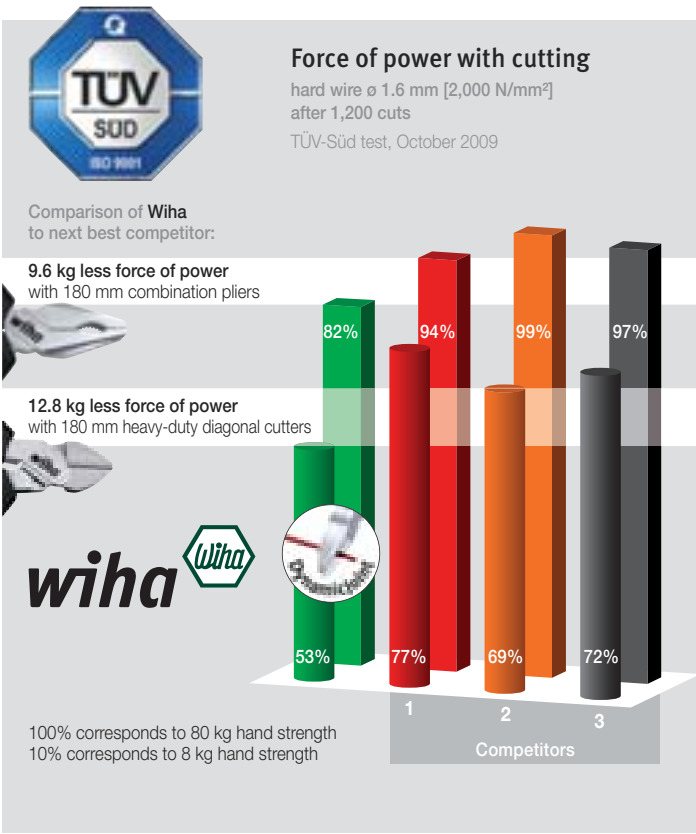
**Z 07 0 02** **Long flat-nose pliers Industrial.**  
Standards: DIN ISO 5745.  
Head shape: Extra long head.  
Design: Gripping surfaces serrated and inductively hardened.  
Material: High-quality tool steel, tempered.  
Application: Gripping and right-angled bending of wires and sheet metal parts.

Order-No.	mm	II	↵↵	▬
32330 1	160	6 ½	160	5



**Z 09 0 02** **Long round-nose pliers Industrial.**  
Standards: DIN ISO 5745.  
Head shape: Extra long head.  
Design: Gripping surfaces serrated and inductively hardened.  
Material: High-quality tool steel, tempered.  
Application: Gripping and bending of wires and sheet metal parts.

Order-No.	mm	II	↵↵	▬
32332 5	160	6 ½	140	5



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



**Z 05 0 02** **Needle nose pliers Industrial with cutting edge.**  
Standards: DIN ISO 5745.  
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 mechanical sector.

Order-No.	mm	II	○	●	↵↵	▬
32322 6	160	6 ½	2.5	1.8	155	5
32323 3	200	8	2.8	2.0	200	5



**Z 05 1 02** **Needle nose pliers Industrial with cutting edge.**  
Standards: DIN ISO 5745.  
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 mechanical sector.

Order-No.	mm	II	○	●	↵↵	▬
32324 0	160	6 ½	2.5	1.8	155	5
32328 8	200	8	2.8	2.0	200	5

**Details of cutting results of cutting pliers.**

Symbol	Types of wire	Example	Tensile strength ca. N/mm²
○	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

Diagonal cutters and heavy duty diagonal cutters.



**NEW**  
**Z 12 0 02** **Diagonal cutters Industrial.**  
Standards: DIN ISO 5749.  
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.  
Material: High-quality tool steel, tempered.  
Application: For soft and hard wires.

Order-No.	mm	II	○	●	●	↵↵	▬
30975 6	140	5 ½	4.0	2.5	1.8	160	5
30827 8	160	6 ½	4.0	2.8	2.0	200	5
30976 3	180	7	4.0	3.0	2.5	250	5



**NEW**  
**Z 16 0 02** **Heavy-duty diagonal cutters Industrial.**  
Standards: DIN ISO 5749.  
Head shape: Semi-circular.  
Design: Low wear lap joint, riveted and able to withstand high levels of load.  
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.  
Material: High-quality tool steel, tempered.  
Application: Power assisted, all round diagonal cutter for soft wire as well as the most stringent of demands made by piano wires.

Order-No.	mm	II	○	●	●	↵↵	▬
32333 2	160	6 ½	3.5	2.5	2.0	190	5
32339 4	180	7	3.8	2.7	2.3	260	5
32341 7	200	8	4.2	3.0	2.5	315	5



# Wiha Industrial.

Comfortable in your hand, versatile in application.

## Stripping and water pump pliers.



**Z 55 0 02 Stripping pliers Industrial.**  
Standards: DIN ISO 5743.  
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 mm = 10 mm<sup>2</sup> conductor cross-section.

Order-No.	mm	II	III	IV
32345 5	160	6 ½	155	5



**Z 21 0 02 Water pump pliers Industrial.**  
Standards: DIN ISO 8976.  
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 tool steel, tempered.  
Application: For gripping and holding pipes and angular profiles such as hex nuts in the installation area.

Order-No.	mm	II	III	IV	V
32342 4	250	10	2	50	380



**Z 22 0 02 Water pump pliers Industrial with push button adjustment.**  
Standards: DIN ISO 8976.  
Head shape: Extra narrow head, therefore also appropriate for work in difficult to access areas.  
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 tool steel, tempered.  
Application: For gripping and holding pipes and angular profiles such as hex nuts in the installation area.

Order-No.	mm	II	III	IV	V
32352 3	250	10	2	50	400

## Tool set.



**Z 99 0 006 02 Tool set Industrial Mix, 5 pcs.**  
Design: Pliers of high quality tool steel, hardened and polished. Multi-component handles with slip guard for safe and comfortable operation. Wiha SoftFinish® screwdriver with round blade and ChromTop® blade tip: Weight 755 g.

Content: **Diagonal cutters**, series Z 12 0 02, 160 mm – with Wiha DynamicJoint  
**Combination pliers**, series Z 01 0 02, 180 mm – with Wiha DynamicJoint  
**Wiha SoftFinish® screwdriver:**  
– slotted screwdriver, series 302: 3.5x100 / 5.5x125  
– Phillips screwdriver, series 311: PH2x100

Application: The professional set of pliers and screwdrivers for demanding craftsmen and industrial mechanics.

Order-No.	Series	IV
30824 7	Z 99 0 006 02	1

Opening width of water pump pliers.	
III	Maximum gripper width across flats [mm]
IV	Maximum gripper pipe diameter [ " ]

# Wiha Basic.

The complete workshop range.



Pipe, wire, sheet metal parts, cable, springs, nails, bolts and screws, safety rings, wire-end sleeves: the tool needs to be as diverse as the materials and tasks it faces in everyday work.

The most suitable prerequisites are supplied by the Wiha Basic range of pliers: over 80 pliers have been tested in all possible application scenarios. And Wiha continues to perfect them: DynamicJoint for example, the progressive development of the joint construction, ensures significantly easier cutting. And the precise Wiha MagicTips stabilise and protect the circlip pliers.

Wiha Basic – tried-and-true quality at a competitive price, with an appealing design.



Power assisted, all round end cutting nippers for soft wires as well as demanding piano wires.

Up to 40% less force for cutting. The low expenditure of energy thanks to DynamicJoint is especially advantageous when cutting a large number of hard objects.

## Wiha Basic.

- Powerful**  
With DynamicJoint, the high quality joint construction for simple, long-term cutting efficiency
- Extra rugged, right up to the tips**  
With Wiha MagicTips, the precision tips that ensure a firm hold with unexcelled stability
- As hard as steel**  
Pliers head drop forged from high quality steels
- Robust and durable**  
Cutting edges are individually tempered and additionally induction hardened to approx. 64 HRC; joints are extremely wear resistant and withstand high stresses, with high-quality riveting
- Ergonomic**  
An ergonomic handle shape for optimal handling
- Attractive**  
An appealing design, with a multi-polished head

# Wiha Basic.

The complete workshop range.

## Combination, high leverage combination and stripping pliers.



**NEW**  
**Z 01 0 01** **Combination pliers Basic.**  
Standards: DIN ISO 5746.  
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	Ø	mm²	mm	mm
26703 2	160	6 ½	3.0	2.0	160	5
26706 3	180	7	3.4	2.2	205	5
26709 4	200	8	3.6	2.5	280	5



**NEW**  
**Z 02 0 01** **High leverage combination pliers Basic.**  
Standards: DIN ISO 5746.  
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	Ø	mm²	mm	mm
26712 4	200	8	3.8	2.8	275	5
26715 5	225	9	4.2	3.0	330	5



**Z 55 0 01** **Stripping pliers Basic.**  
Standards: DIN ISO 5743.  
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 ø 5 mm = 10 mm² conductor cross-section.

Order-No.	mm	II	mm	mm
26845 9	160	6 ½	125	5

## Long-flat and needle nose pliers.



**Z 07 0 01** **Long-flat nose pliers Basic.**  
Standards: DIN ISO 5745.  
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.

Order-No.	mm	II	mm	mm
26730 8	160	6 ½	130	5



**Z 05 0 01** **Needle nose pliers Basic with cutting edge.**  
Standards: DIN ISO 5745.  
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 mechanical sector.

Order-No.	mm	II	Ø	mm²	mm	mm
26718 6	160	6 ½	2.5	1.8	120	5
26721 6	200	8	2.8	2.0	165	5



**Z 05 1 01** **Needle nose pliers Basic with cutting edge.**  
Standards: DIN ISO 5745.  
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 mechanical sector.

Order-No.	mm	II	Ø	mm²	mm	mm
26723 0	160	6 ½	2.5	1.8	120	5
26725 4	200	8	2.8	2.0	165	5

Details of cutting results of cutting pliers.			
Symbol	Types of wire	Example	Tensile strength ca. N/mm²
○	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			

## Round-nose pliers and power/diagonal cutters.










**Z 09 0 01** **Long-round nose pliers Basic.**  
Standards: DIN ISO 5745.  
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
26733 9	160	6 ½	110	5










**NEW**  
**Z 12 0 01** **Diagonal cutters Basic.**  
Standards: DIN ISO 5749.  
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.  
Material: High-quality tool steel, tempered.  
Application: For cutting of soft and hard wire.

Order-No.							
26738 4	140	5 ½	4.0	2.5	1.8	130	5
26739 1	160	6 ½	4.0	2.8	2.0	170	5
26742 1	180	7	4.0	3.0	2.5	220	5



**NEW**  
**Z 16 0 01** **Heavy duty diagonal cutters Basic.**  
Standards: DIN ISO 5749.  
Head shape: Semi-circular.  
Design: Low wear lap joint, riveted and able to withstand high levels of load.  
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.  
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.							
26746 9	160	6 ½	3.5	2.5	2.0	160	5
26749 0	180	7	3.8	2.7	2.3	220	5
26752 0	200	8	4.2	3.0	2.5	275	5

## Cable cutter and crimping pliers.



**NEW**  
**Z 50 1 01** **Cable cutters Basic.**  
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: High-quality tool steel, 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.

Order-No.	mm	II	Ø	mm²	mm	mm
34729 1	160	6 ½	16	50	150	5
34730 7	200	8	20	60	270	5



**Z 60 0 01** **Crimping pliers for end sleeves Basic.**  
Standards: DIN ISO 5743.  
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.

Order-No.	mm	II	mm²	mm	mm
28330 8	145	5 ¾	0.25-2.5	130	5
30066 1	180	7	0.25-16	250	5

### 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

**Less force of power:**

- 9.6 kg

- 12.6 kg

**1 2 3**

**Competitors**

*Up to 40% less force for cutting*



# Wiha Basic.

The complete workshop range.

## Water pump pliers.



**Z 21 0 01**   **Water pump pliers Basic, box type.**  
Standards:   DIN ISO 8976.  
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 tool steel, tempered.  
Application:   For gripping and holding pipes and angular profiles such as hex nuts in the installation area.

Order-No.	mm	II	○	⊗	↺↻	▬
26760 5	180	7	1	30	145	5
26761 2	250	10	2	50	345	5
26763 6	300	12	2 ½	63	555	5



**Z 22 0 01**   **Water pump pliers Basic with push button setting.**  
Standards:   DIN ISO 8976.  
Head shape:   Extra narrow head, therefore also appropriate for work in difficult to access areas.  
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 tool steel, tempered.  
Application:   For gripping and holding pipes and angular profiles such as hex nuts in the installation area.

Order-No.	mm	II	○	⊗	↺↻	▬
26764 3	180	7	1	30	150	5
26765 0	250	10	2	50	365	5
26767 4	300	12	2 ½	63	570	5

Opening width of water pump pliers.	
⊗	Maximum gripper width across flats [mm]
○	Maximum gripper pipe diameter [ " ]

## Water pump pliers.



**Z 23 0 01**   **QuickFix water pump pliers Basic, box type.**  
Standards:   DIN ISO 8976.  
Head shape:   Narrow head, therefore also appropriate for work in small spaces.  
Design:   Fast and easy-to-adjust water pump pliers, with automatic adjustment of the box type, precision-stepped joint.  
Optimum adjustment to the object to be gripped.  
Long durability achieved by additional inductive hardening of gripper jaws.  
Material:   Chrome vanadium tool steel, tempered.  
Application:   For rapid and optimum gripping and holding of pipes and angular profiles such as hex nuts in the installation area.

Order-No.	mm	II	○	⊗	↺↻	▬
26768 1	250	10	1 ½	40	360	5

## Symbols.

Details of cutting results of cutting pliers.			
Symbol	Types of wire	Example	Tensile strength ca. N/mm²
○	Soft wire	Copper, aluminium	220 - 250
⊗	Medium hard wire	Iron nail	750 - 800
⦿	Hard wire	Spring wire, steel nail	1.600 - 1.800
●	Piano wire	Hardened spring steel	2.200 - 2.300
Test wires standardised in DIN ISO 5744			

Dimensions.	
⊗	Maximum gripper width across flats
○	Maximum gripper pipe diameter
□	Opening width, flat
↺↻	Clamping range
⌚	Retaining ring, external
⌚	Retaining ring, internal

Jaw style:		Cutter style:	
▬	Flat jaws	↗	Cutter without bevel
●	Half round jaws	↗↘	Cutter with small bevel
●	Round jaws	↗↘↗	Cutter with bevel
		↗↘↗↘	Center cutter
		↗↘↗↘↗	Scissors cutter
		↗↘↗↘↗↘	Anvil cutter
		↗↘↗↘↗↘↗	Stripper

## End cutting nippers and pincers.



**Z 17 0 01**   **Basic end cutting nippers.**  
Standards:   DIN ISO 5748.  
Head shape:   Classic style.  
Design:   Low wear lap joint, riveted and able to withstand high levels of load.  
Striking high quality cutting edge with high cutting performance and low application of force due to highly precise processing.  
Good durability due to additional induction hardening of cutting edges to approx. 62 HRC.  
Material:   High-quality tool steel, tempered.  
Application:   Power assisted, all round diagonal cutter for soft wires as well as demanding piano wires.  
Also appropriate for binding (plaiting) and cutting wire netting in reinforced concrete structures.

Order-No.	mm	II	○	⊗	↺↻	▬
26757 5	160	6 ½	3.5	2.5	180	5
26758 2	180	7	3.8	2.8	200	5
26759 9	200	8	4.0	3.0	220	5



**Z 30 0 01**   **Pincers (carpenter's pincers) Basic.**  
Standards:   DIN ISO 9243.  
Head shape:   Classic style.  
Design:   Low wear lap joint, riveted and able to withstand high levels of load.  
Striking high quality cutting edge with high cutting performance and low application of force due to highly precise processing.  
Good durability due to additional induction hardening of cutting edges to approx. 62 HRC.  
Material:   High-quality tool steel, tempered.  
Application:   For withdrawing and cutting nails and wire pins.

Order-No.	mm	II	↺↻	▬
26771 1	180	7	265	5
26772 8	200	8	350	5

## Monier pliers (rabitz pliers).



**Z 31 0 01**   **Concretors pincers Basic.**  
Standards:   DIN ISO 9242.  
Head shape:   Classic style.  
Design:   Low wear lap joint, riveted and able to withstand high levels of load.  
High quality cutting edge with high cutting performance and low application of force due to highly precise processing.  
Good durability due to additional induction hardening of cutting edges to approx. 62 HRC.  
Material:   High-quality tool steel, tempered.  
Application:   For binding (plaiting) and cutting wire netting in reinforced concrete structures in a single operation.

Order-No.	mm	II	○	⊗	↺↻	▬
26774 2	220	8 ¾	3.2	2.0	360	5
26776 6	250	10	3.5	2.2	425	5
26778 0	280	11	3.8	2.4	460	5
26780 3	300	12	3.8	2.4	485	5



**Z 31 0 00**   **Concretors pincers Basic.**  
Standards:   DIN ISO 9242.  
Head shape:   Classic style.  
Design:   High quality cutting edge with high cutting performance and low application of force due to highly precise processing.  
Good durability due to additional induction hardening of cutting edges to approx. 62 HRC.  
Material:   High-quality tool steel, tempered.  
Application:   For binding (plaiting) and cutting wire netting in reinforced concrete structures in a single operation.

Order-No.	mm	II	○	⊗	↺↻	▬
26773 5	220	8 ¾	3.2	2.0	350	5
26775 9	250	10	3.5	2.2	415	5
26777 3	280	11	3.8	2.4	450	5
26779 7	300	12	3.8	2.4	475	5

## Wiha Info

Since pliers have moving parts and sometimes have bright steel parts, they require a certain amount of care:

Therefore keep the joints of the pliers as clean as possible and occasionally give them and the bright surfaces a drop of low viscosity oil which does not contain acid or resin.

You will then be able to enjoy your Wiha quality pliers for a long time to come.



# Wiha Basic.

The complete workshop range.

## Circlip pliers for bores (internal).



**Z 33 0 01** Internal circlip pliers Basic (for boreholes).  
Standards: DIN ISO 5256.  
Head shape: Straight shape.  
Design: Drop forged, cylindrical precision tips.  
Material: Chrome-vanadium tool steel.  
Application: For inserting / removing circlips from inside bores.

Order-No.	Typ	mm	II			
26781 0	J 0	139	5	8-13	95	5
26782 7	J 1	140	5	12-25	95	5
26783 4	J 2	180	7	19-60	155	5
26784 1	J 3	225	9	40-100	245	5
29425 0	J 4	310	12	85-140	410	5



**Z 33 1 01** Internal circlip pliers Basic (for boreholes).  
Standards: DIN ISO 5256.  
Head shape: Shape D: 90° angled shape.  
Design: Drop forged, cylindrical precision tips.  
Material: Chrome-vanadium tool steel.  
Application: For inserting / removing circlips from inside bores.

Order-No.	Typ	mm	II			
26785 8	J 01	139	5	8-13	95	5
26786 5	J 11	140	5	12-25	95	5
26787 2	J 21	180	7	19-60	155	5
26788 9	J 31	225	9	40-100	245	5
29427 4	J 41	310	12	85-140	410	5

## Circlip pliers for shafts (external).



**Z 34 0 01** External circlip pliers Basic (for shafts).  
Standards: DIN ISO 5254.  
Head shape: Straight shape.  
Design: Drop forged, cylindrical precision tips.  
Material: Chrome-vanadium tool steel.  
Application: For fitting / removing circlips externally to / from shafts or axles.

Order-No.	Typ	mm	II			
26789 6	A 0	139	5	3-10	90	5
26790 2	A 1	140	5	10-25	90	5
26791 9	A 2	180	7	19-60	155	5
26792 6	A 3	225	9	40-100	260	5
29428 1	A 4	310	12	85-140	455	5



**Z 34 1 01** External circlip pliers Basic (for shafts).  
Standards: DIN ISO 5254.  
Head shape: Shape D: 90° angled shape.  
Design: Drop forged, cylindrical precision tips.  
Material: Chrome-vanadium tool steel.  
Application: For fitting / removing circlips externally to / from shafts or axles.

Order-No.	Typ	mm	II			
26794 0	A 01	139	5	3-10	90	5
26795 7	A 11	140	5	10-25	90	5
26796 4	A 21	180	7	19-60	155	5
26797 1	A 31	225	9	40-100	260	5
29429 8	A 41	310	12	85-140	455	5

## Circlip pliers for bores (internal).



**NEW**  
**Z 33 4 01** Internal circlip pliers Basic (for boreholes).  
Standards: DIN ISO 5256.  
Head shape: Straight shape.  
Design: Wiha MagicTips – highly resilient precision tips manufactured from special high performance steel.  
With special surface finish to protect against rust and with a unique latching function that effectively prevents jumping away of the safety rings.  
High wear resistance with additional hardening of tips.  
Slim plier head for optimal access and a good view of the workpiece.  
Material: Chrome vanadium tool steel, tempered.  
Application: For inserting / removing circlips from inside bores.

Order-No.	Typ	mm	II			
34688 1	J 0	140	5	8-13	95	5
34689 8	J 1	140	5	12-25	95	5
34690 4	J 2 •	180	7	19-60	155	5
34691 1	J 3 •	220	9	40-100	245	5
34692 8	J 4 •	305	12	85-140	410	5
• with latching function						



**NEW**  
**Z 33 5 01** Internal circlip pliers Basic (for boreholes).  
Standards: DIN ISO 5256.  
Head shape: Angled form.  
Design: Wiha MagicTips – highly resilient precision tips manufactured from special high performance steel.  
With special surface finish to protect against rust and with a unique latching function that effectively prevents jumping away of the safety rings.  
High wear resistance with additional hardening of tips.  
Slim plier head for optimal access and a good view of the workpiece.  
Spring protected in the joint, cannot be lost.  
Material: Chrome vanadium tool steel, tempered.  
Application: For inserting / removing circlips from inside bores.

Order-No.	Typ	mm	II			
34693 5	J 01	140	5	8-13	95	5
34694 2	J 11	140	5	12-25	95	5
34695 9	J 21 •	180	7	19-60	155	5
34696 6	J 31 •	220	9	40-100	245	5
34697 3	J 41 •	305	12	85-140	410	5
• with latching function						

## Circlip pliers for shafts (external).



**NEW**  
**Z 34 4 01** External circlip pliers Basic (for shafts).  
Standards: DIN ISO 5254.  
Head shape: Straight shape.  
Design: Wiha MagicTips – highly resilient precision tips manufactured from special high performance steel.  
With special surface finish to protect against rust and with a unique latching function that effectively prevents jumping away of the safety rings.  
High wear resistance with additional hardening of tips.  
Slim plier head for optimal access and a good view of the workpiece.  
Material: Chrome vanadium tool steel, tempered.  
Application: For fitting / removing circlips externally to / from shafts or axles.

Order-No.	Typ	mm	II			
34698 0	A 0	140	5	7-10	90	5
34699 7	A 1	140	5	10-25	90	5
34700 0	A 2 •	185	7	19-60	155	5
34701 7	A 3 •	240	9	40-100	260	5
34702 4	A 4 •	300	12	85-140	455	5
• with latching function						



**NEW**  
**Z 34 5 01** External circlip pliers Basic (for shafts).  
Standards: DIN ISO 5254.  
Head shape: Angled form.  
Design: Wiha MagicTips – highly resilient precision tips manufactured from special high performance steel.  
With special surface finish to protect against rust and with a unique latching function that effectively prevents jumping away of the safety rings.  
High wear resistance with additional hardening of tips.  
Slim plier head for optimal access and a good view of the workpiece.  
Spring protected in the joint, cannot be lost.  
Material: Chrome vanadium tool steel, tempered.  
Application: For fitting / removing circlips externally to / from shafts or axles.

Order-No.	Typ	mm	II			
34703 1	A 01	140	5	7-10	90	5
34704 8	A 11	140	5	10-25	90	5
34705 5	A 21 •	185	7	19-60	155	5
34706 2	A 31 •	240	9	40-100	260	5
34707 9	A 41 •	300	12	85-140	455	5
• with latching function						

## Wiha Info

Wiha MagicTips – Top of their class

- **Maximum grip:** The special latching function preventing jumping away of the safety rings makes the Wiha circlip pliers truly unique
- **Hard as steel:** Additional hardening of tips means high wear resistance and therefore excellent durability
- **Surface refined:** Protected against rust
- **Precise:** Precision tips of special high performance steel for maximum grip and high stability



Special latching function prevents jumping away of the safety rings





# Wiha Basic.

The complete workshop range.

## Pipe wrenches swedish style.



**Z 26 0 00** Pipe wrenches swedish style Basic, S-jaw.  
Standards: DIN 5234.  
Head shape: S-jaw shape angled 45°.  
Design: Self-clamping gripping of pipes and hex nuts at 3 points.  
Torsion-free handle profile.  
Adjusting nut secured to prevent loss.  
Long durability achieved by additional inductive hardening of gripper jaws.  
Material: Chrome-vanadium steel, tempered.  
Application: Safe and secure grip on pipes and hex nuts.

Order-No.	mm	⌀	🔧	🔧	🔧
29435 9	320	1	0-40	750	1
29436 6	420	1 ½	0-55	1350	1
29437 3	535	2	0-67	2450	1



**Z 26 1 00** Pipe wrenches swedish style Basic, 45°.  
Standards: DIN 5234.  
Head shape: Swedish shape angled 45°.  
Design: Safe and secure grip due to teeth that are offset against the direction of rotation.  
Torsion-free handle profile.  
Adjusting nut secured to prevent loss.  
Long durability achieved by additional inductive hardening of gripper jaws.  
Material: Chrome-vanadium steel, tempered.  
Application: Safe and secure grip on pipes, flat workpieces and nuts.

Order-No.	mm	⌀	🔧	🔧	🔧
29438 0	315	1	0-40	750	1
29439 7	420	1 ½	0-55	1240	1
29440 3	570	2	0-67	2500	1

## Pipe wrenches swedish style.



**Z 26 2 00** Pipe wrenches swedish style Basic, 90°.  
Standards: DIN 5234.  
Head shape: Swedish shape angled 90°.  
Design: Safe and secure grip due to teeth that are offset against the direction of rotation. Torsion-free handle profile.  
Adjusting nut secured to prevent loss.  
Long durability achieved by additional inductive hardening of gripper jaws.  
Material: Chrome-vanadium steel, tempered.  
Application: Safe and secure grip on pipes, flat workpieces and nuts.

Order-No.	mm	⌀	🔧	🔧	🔧
29441 0	320	1	0-40	750	1
29442 7	415	1 ½	0-55	1250	1
29443 4	555	2	0-67	2450	1

### Symbols.

Details of cutting results of cutting pliers.			
Symbol	Types of wire	Example	Tensile strength ca. N/mm²
○	Soft wire	Copper, aluminium	220 - 250
⦿	Medium hard wire	Iron nail	750 - 800
⦿	Hard wire	Spring wire, steel nail	1.600 - 1.800
●	Piano wire	Hardened spring steel	2.200 - 2.300
Test wires standardised in DIN ISO 5744			

Dimensions.	
⌀	Maximum gripper width across flats
⌀	Maximum gripper pipe diameter
□	Opening width, flat
🔧	Clamping range
🔧	Retaining ring, external
🔧	Retaining ring, internal

Jaw style:		Cutter style:	
■	Flat jaws	🔧	Cutter without bevel
●	Half round jaws	🔧	Cutter with small bevel
●	Round jaws	🔧	Cutter with bevel
		🔧	Center cutter
		🔧	Scissors cutter
		🔧	Anvil cutter
		🔧	Stripper

## Grip pliers.



**Z 66 0 00** Grip pliers Basic with wire cutter.  
Head shape: Bent gripper jaws with wire cutter.  
Design: Single-handed operation with quick-release lever, adjusting screw and integrated wire cutter.  
Material: Forged jaws made of chrome-vanadium-steel.  
Body of pliers made of high-resistance special steel, nickel-plated.  
Application: Clamping and gripping of round and flat material.  
Wire cutter for cutting welded wires.

Order-No.	mm	II	⌀	□	🔧	🔧
29485 4	180	7	8-30	0-20	360	5
29486 1	250	10	8-40	0-20	530	5
29487 8	300	12	8-65	0-30	1000	5



**Z 67 0 00** Welding grip pliers Basic.  
Head shape: U-shaped, with two supporting surfaces.  
Design: Single-handed operation with quick-release lever and adjusting screw.  
Material: Clamping jaw made of robust and heat-resistant cast iron.  
Body of pliers made of high-resistance special steel, nickel-plated.  
Application: Clamping and gripping of adjacent profiled or flat materials during welding.

Order-No.	mm	II	⌀	□	🔧	🔧
29488 5	280	11	35-65	0-25	900	2

Opening width of grip pliers.	
⌀	Maximum gripper width across flats [mm]
□	Maximum opening width at jaw flats [mm]

## Grip pliers.



**Z 67 1 00** Pipe welding grip pliers Basic.  
Head shape: U-shaped, with two supporting surfaces.  
Design: Single-handed operation with quick-release lever and adjusting screw.  
Material: Clamping jaw made of robust and heat-resistant cast iron.  
Body of pliers made of high-resistance special steel, nickel-plated.  
Application: Clamping and gripping of adjacent round materials during welding.

Order-No.	mm	II	⌀	🔧	🔧
29489 2	280	11	10-72	912	2



**Z 67 2 00** Profile welding grip pliers Basic (clamp grip pliers).  
Head shape: C-shaped, with rounded supporting surface.  
Design: Single-handed operation with quick-release lever and adjusting screw.  
Material: Forged jaws made of chrome-vanadium-steel.  
Body of pliers made of high-resistance special steel, nickel-plated.  
Application: Clamping and gripping of awkward-shaped workpieces or sections with high ridges.  
Profile height up to 40 mm, profile depth up to 50 mm.

Order-No.	mm	II	□	🔧	🔧
29490 8	280	11	0-90	660	2

# Wiha Basic.

The complete workshop range.

Pliers sets.



**Z 99 0 001 0** **Pliers set Basic, 3 pcs.**  
Design: All pliers made of high-quality tool steel, hardened. Head of pliers polished several times and non-slip, oil- and solvent-resistant handle coating. Weight 630 g.  
Content: **Combination pliers**, series Z 01 0 01, 180 mm – with Wiha DynamicJoint  
**Diagonal cutters**, series Z 12 0 01, 160 mm – with Wiha DynamicJoint  
**Needle nose pliers** series Z 05 0 01, 160 mm  
Application: Standard set of pliers for the basic set of tools.

Order-No.	Series	
26850 3	Z 99 0 001 01	1



**Z 99 0 002 01** **Pliers set Basic Plus, 3 pcs.**  
Design: All pliers in proven basic quality. Cutting pliers also suitable for piano wire. QuickFix water pump pliers with "automatic" rapid adjustment. Weight 1025 g.  
Content: **High leverage combination pliers**, series Z 02 0 01, 200 mm – with Wiha DynamicJoint  
**High leverage diagonal cutters**, series Z 16 0 01, 180 mm – with Wiha DynamicJoint  
**QuickFix water pump pliers** series Z 23 0 01, 250 mm  
Application: Power-assisted set of pliers as part of basic set of tools.

Order-No.	Series	
26853 4	Z 99 0 002 01	1

Tool set.



**Z 99 0 003 01** **Tool set Basic Mix, 5 pcs.**  
Design: All pliers made of high-quality tool steel, hardened. Head of pliers polished several times and non-slip, oil- and solvent-resistant handle coating. Screwdrivers with round blades, chrome-plated, tips with Wiha ChromTop®. Multi-component handles with slip guard for safe and comfortable operation. Weight 745 g.  
Content: **Combination pliers** Z 01 0 01, 180 mm – with Wiha DynamicJoint  
**Diagonal cutters**, series Z 12 0 01, 160 mm – with Wiha DynamicJoint Wiha  
**SoftFinish® screwdriver** with round blade and ChromTop® blade tip: – slotted screwdriver, series 302: 5,5x125 – Phillips screwdriver, series 311: PH1x80 / PH2x100  
Application: The basic set of pliers and screwdrivers for demanding craftsmen and industrial mechanics.

Order-No.	Series	
26855 8	Z 99 0 003 01	1

Pliers set.



**Z 99 0 004 01** **Pliers set Basic Circlip, 4 pcs.**  
Design: All pliers in proven basic quality. Particularly precise tips due to high-speed turning, cylindrical with defined flat cone point. Tightened with great dimensional accuracy and not subsequently curved. Weight 680 g.  
Content: **Circlip pliers for bores**, series Z 33 0 01, **J10**  
**Circlip pliers for bores**, series Z 33 0 01, **J20**  
**Circlip pliers for shafts**, series Z 34 0 01, **A10**  
**Circlip pliers for shafts**, series Z 34 0 01, **A20**  
Application: Set of pliers as basic set of tools for attaching retaining rings to and removing them from shafts and boreholes.

Order-No.	Series	
26793 3	Z 99 0 004 01	1

Pliers set.



**NEW**  
**Z 99 0 007 01** **Pliers set Basic Circlip, 4 pcs.**  
Design: Wiha MagicTips – highly resilient precision tips manufactured from special high performance steel. High wear resistance with additional hardening of tips. Slim plier head for optimal access and a good view of the workpiece. Weight 650 g.  
Content: **Circlip pliers for bores**, series Z 33 4 01, **J10** – with Wiha MagicTips  
**Circlip pliers for bores**, series Z 33 4 01, **J20** – with Wiha MagicTips  
**Circlip pliers for shafts**, series Z 34 4 01, **A10** – with Wiha MagicTips  
**Circlip pliers for shafts**, series Z 34 4 01, **A20** – with Wiha MagicTips  
Application: Set of pliers as basic set of tools for attaching retaining rings to and removing them from shafts and boreholes.

Order-No.	Series	
34708 6	Z 99 0 007 01	1

## Wiha Info

NEW



- Wiha MagicTips – Top of their class**
- **Maximum grip:** The special latching function preventing jumping away of the safety rings makes the Wiha circlip pliers truly unique
  - **Hard as steel:** Additional hardening of tips means high wear resistance and therefore excellent durability
  - **Surface refined:** Protected against rust
  - **Precise:** Precision tips of special high performance steel for maximum grip and high stability



Special latching function prevents jumping away of the safety rings





# Wiha Electronic.

Precision for made-to-measure work.



A calm hand is essential for working with electronic components. The Wiha Electronic pliers optimally support the user in this respect.

The sophisticated details are conspicuous: ground, razor-sharp cutting edges for smooth cuts. A handle shape that correctly positions the hand of the user. A glare-free, finely pressed pliers head for precise, safe grasping and holding.

And all with an excellent quality and at a competitive price to which both professionals and demanding handymen will not be able to say no to.



The Electronic long-nose pliers from Wiha hold small components and bend wires.



- **Specially for fine work**  
Glare-free, phosphate coated head, applied precision joint
- **Precise**  
Precisely ground cutting edges
- **As hard as steel**  
Finely pressed from high grade C70 steel
- **Robust and durable**  
Cutting edges are additionally hardened up to 63 HRC
- **Sensitive**  
Greater control with grasping via opening spring with fine resistance
- **Ergonomic**  
An innovative handle shape for optimal handling

## Diagonal cutters, wide shape.



**Z 41 1 03** Diagonal cutters Electronic.  
Head shape: Wide, pointed head.  
Design: Cutting edge with full flush cutter function. With opening spring.  
Material: C 70 special tool steel.  
Application: For an absolutely flush cut of soft wires in the electronics industry.

Order-No.	mm	in	mm	mm	mm
26818 3	138	5 ½	1.3	70	5



**Z 41 3 03** Diagonal cutters Electronic.  
Standards: DIN ISO 9654.  
Head shape: Wide, pointed head.  
Design: Cutting edge with semi-flush cutter function, thus also appropriate for medium hard wires. Strong design for soft wires up to ø 2.0 mm. With opening spring.  
Material: C 70 special tool steel. Cutting edges > 60 HRC.  
Application: Universal small diagonal cutter for cutting soft and medium hard wires in the electronics and precision mechanical engineering industries.

Order-No.	mm	in	mm	mm	mm	mm
26815 2	138	5 ½	2.0	0.8	80	5

### Details of cutting results of cutting pliers.

Symbol	Types of wire	Example	Tensile strength ca. N/mm²
○	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

## Diagonal cutters, wide shape with wire trapping spring.



**Z 41 6 03** Diagonal cutters Electronic with wire trapping spring.  
Head shape: Wide, pointed head.  
Design: Cutting edge with full flush cutter function. With opening spring and fixture for collecting ends of wires that have been cut off.  
Material: C 70 special tool steel. Cutting edges approx. 56 HRC.  
Application: For an absolutely flush cut of soft wires in the electronics industry.

Order-No.	mm	in	mm	mm	mm
26825 1	138	5 ½	1.3	80	5

## Wiha Info

Electronics pliers with cutting edges are designed especially for cutting soft to medium hard wires.

The diameters of materials which your electronics pliers are able to cut depend not only on the material selected and the hardness of the cutting edges but also depend greatly on the geometry of the cutting edges:

- Pliers with the full flush cutter function may cut off wires smoothly and flushly but are only appropriate for soft copper wires (99.85% pure copper)
- Pliers with the semi-flush and normal bevelled cutting edges function on the other hand may not cut in a totally flush manner but can cut thin iron wires or even medium hard steel wire
- You will find details of precise cutting results in the individual figures of pliers

# Wiha Electronic.

Precision for made-to-measure work.

## Diagonal cutters, narrow shape.



**Z 40 0 03** Micro diagonal cutter Electronic.  
Head shape: Extra narrow, short head for working in particularly restricted spaces.  
Design: Cutting edge with full flush cutter function.  
With opening spring.  
Material: C 70 special tool steel.  
Application: For absolutely flush cutting of soft wires in places which are difficult to access in the electronics industry.

Order-No.	mm	mm	mm	mm	mm
26812 1	118	4 ½	0.8	60	5

## Diagonal cutters.



**Z 46 0 03** Oblique cutting nippers Electronic.  
Head shape: Wide, pointed head.  
Design: Cutting edge with full flush cutter function.  
With cutting edge at 48° for cutting obliquely from above or from the side.  
Material: C 70 special tool steel.  
Application: For absolutely flush cutting of soft wires in places which are difficult to access in the electronics industry.

Order-No.	mm	mm	mm	mm	mm
26833 6	138	5 ½	1.3	70	5



**Z 40 1 03** Diagonal cutters Electronic with wire trapping spring.  
Head shape: Narrow, pointed head.  
Design: Cutting edge with full flush cutter function.  
With opening spring and fixture for collecting ends of wires that have been cut off.  
Material: C 70 special tool steel.  
Application: For absolutely flush cutting of soft wires in places which are difficult to access in the electronics industry.

Order-No.	mm	mm	mm	mm	mm
26813 8	128	5	1.0	70	5



**Z 46 0 03** Micro oblique cutting nippers Electronic.  
Head shape: Extremely narrow, short head for working in particularly restricted spaces.  
Design: Cutting edge with full flush cutter function.  
Edge at 30° to face end of pliers for cutting obliquely from above or from the side.  
Material: C 70 special tool steel.  
Application: For absolutely flush cutting of soft wires in places which are difficult to access in the electronics industry.

Order-No.	mm	mm	mm	mm	mm
26830 5	118	4 ½	0.6	60	5

## Needle nose pliers



**Z 36 0 03** Pointed pliers Electronic.  
Head shape: Narrow, short head.  
Design: With plain inside jaws.  
Width at tip is only 1.2 mm.  
Material: C 70 special tool steel.  
Application: For holding small components as well as for holding and angling wires.

Order-No.	mm	mm	mm	mm	mm
26801 5	135	5 ½	70		5

## Stripping pliers.



**Z 49 2 03** Electronic stripping pliers.  
Head shape: Wide, long head with ridged gripping surface, shears blade and firm wire stripping stations.  
Design: Wire stripping stations:  
0.8 / 1.0 / 1.3 / 1.6 / 2.0 / 2.6 mm,  
AWG 20 / 18 / 16 / 14 / 12 / 10.  
With opening spring and locking mechanism.  
Material: C 70 special tool steel.  
Application: For gripping, cutting and stripping of wires with diameter.

Order-No.	mm	mm	mm	mm	mm	mm
33471 0	180	7	0.81 - 2.59	20 - 10	70	5



**Z 49 7 03** Electronic stripping pliers.  
Head shape: Wide, long head with ridged gripping surface, shears blade and firm wire stripping stations.  
Design: Wire stripping stations:  
0.4 / 0.5 / 0.6 / 0.8 / 1.0 / 1.3 mm,  
AWG 26 / 24 / 22 / 20 / 18 / 16.  
With opening spring and locking mechanism.  
Material: C 70 special tool steel.  
Application: For gripping, cutting and stripping of wires with diameter.

Order-No.	mm	mm	mm	mm	mm	mm
33472 7	180	7	0.4 - 1.3	26 - 16	70	5

Details of cutting results of cutting pliers.			
Symbol	Types of wire	Example	Tensile strength ca. N/mm²
○	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 Info

A variety of different pliers are required for electronics applications.  
Simply contact us if you require different models for other applications.