

Wiha Inomic®.

Pliers – reinvented.

► See VDE tools,
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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.

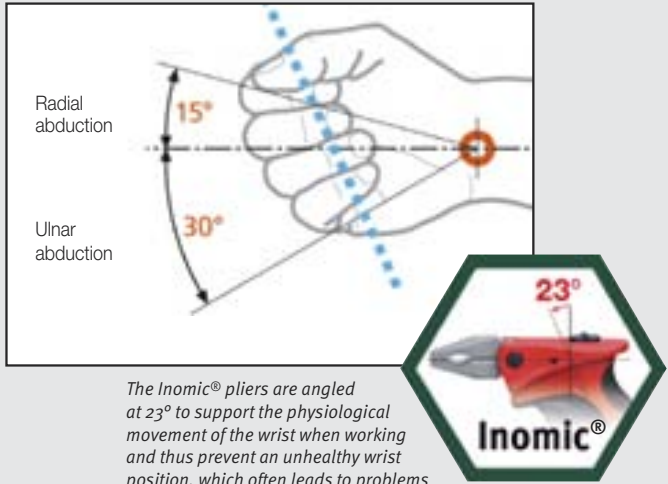
Order-No.	Typ	⊖	⊙	↔	🔒
33260 0	180	3.3	2.2	155	5

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



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/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