

Combination Pliers.



NEW
Z 01 9 16

Combination Pliers Inomic VDE*.
Insulation up to 1000 V AC, GS-Mark.

Standards: Manufactured acc. to EN/IEC 60900:2004.

Head shape: Innovative head with three parallel gripping surfaces at opening angles of 2°, 10° and 20° offers an improved and secure hold of the workpiece. Crosswise-profiled gripping surfaces with specially shaped teeth for gripping in all directions.

Design: Head of pliers manufactured in MIM technology. Arms of the pliers move in parallel: +25% force transfer. Angled shape (23°) for fatigue-free work. With opening spring and locking mechanism.

Material: Head of pliers made of ball-bearing steel, hardened to approx. 60 HRC. 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	○	●	↔	↔	£
30657 1	160	3.0	2.0	150	5	25.10
30658 8	180	3.3	2.2	155	5	26.60
30659 5	200	3.6	2.5	160	5	28.00



Fraunhofer Institut
Arbeitswirtschaft und
Organisation

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.

* Available in the second half of 2006.

Needle Nose Pliers and Diagonal Cutters.



NEW
Z 06 9 16

Needle Nose Pliers Inomic VDE*.
Insulation up to 1000 V AC, GS-Mark.

Standards: Manufactured acc. to EN/IEC 60900:2004.

Head shape: Straight shape with blade and three stripping points 2.5 mm², 1.5 mm², 0.75 mm². Parallel and crosswise profiling for gripping in all directions.

Design: Head of pliers manufactured in MIM technology. Arms of the pliers move in parallel: +25% force transfer. Angled shape (23°) for fatigue-free work. With opening spring and locking mechanism.

Material: Head of pliers made of ball-bearing steel, hardened to approx. 60 HRC. Handles made of tough fibre-glass reinforced plastic, ergonomic soft grip zone in the handle.

Application: For gripping, holding, cutting and stripping. With improved access to the objects to be processed.

Order-No.	Typ	○	●	↔	↔	£
30661 8	160	2.5	1.6	150	5	27.10



NEW
Z 12 9 16

Diagonal Cutters Inomic VDE*.
Insulation up to 1000 V AC, GS-Mark.

Standards: Manufactured acc. to EN/IEC 60900:2004.

Head shape: Innovative head with dual cutting function. Cutting edge with bevel near the joint, cutting edge without bevel in the front cutting area.

Design: Head of pliers manufactured in MIM technology. Arms of the pliers move in parallel: +25% force transfer. Angled shape (23°) for fatigue-free work. With opening spring and locking mechanism.

Material: Head of pliers made of ball-bearing steel, hardened to approx. 60 HRC. Handles made of tough fibre-glass reinforced plastic, ergonomic soft grip zone in the handle.

Application: For cutting hard wires in the joint area. Flush, burr-free cutting of soft wires, cables and plastics in the front cutting area. With improved access to the objects to be processed.

Order-No.	Typ	○	●	●	↔	↔	£
30665 6	140	4.0	2.5	1.8	137	5	25.10
30666 3	160	4.0	2.8	2.0	140	5	26.60
30667 0	180	4.6	3.0	2.5	145	5	28.00