

Diamond PLUS

*Top quality range
of pliers*



cimco[®]
WERKZEUGFABRIK



The **PLUS** in detail



The range of pliers, exclusively **Made in Germany** undergoes a series of advanced, robot-assisted production processes which are without equal. The process, from **forging** and **grinding** to **dry-fining** and **dielectric testing** of the insulating coating are carried out **with robots** to ensure consistent quality. Pliers of the DIAMANT-PLUS range comply with the current standards of IEC 900, IEC 60900:2004 and VDE 0682/Part 201. These strict safety directives stipulate 10 different quality tests for insulation protection of all pliers. In addition to the type examination, the independent test centre of the VDE also regularly carries out checks of production and warehousing. Every single pair of pliers is tested in a water bath with a test voltage of 10,000 Volts AC for disruptive breakdown and sparkover. In this way we guarantee routinely checked safety.

Perfect material finish

In tough everyday use, CIMCO pliers are a superior. The materials and construction are designed for maximum strength. The high-alloy steels used are specially designed for use by tradesmen. In combination with careful hardening, optimum stability under load is thus achieved.

- All pliers are hardened in an oil bath. All cutting edges are also additionally induction hardened – the best prerequisite for long life, even in the case of rough treatment.
- Thanks to the high level of air exclusion during the smelting process, the electric steel achieves a high level of purity and reduces CO² emissions.

Low effort required to open and close

- Virtually backlash-free joint for easy, even opening and closing over the whole range of functions.

Univalled cutting performance

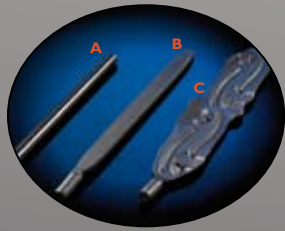
- Precise closing of cutting edges.
- Favourable transmission ratio for low effort when cutting.
- Induction hardened precision cutting edges (approx. 64HRC) for all wires including piano wire.

Special gripping surfaces

- Functional tapered gripping surfaces, for even gripping of most conventional workpieces.
- Distinct, even toothing of gripping surfaces and burner port.



Diamond PLUS - Production



From
tool steel



to
precision joints



to the
pliers blank



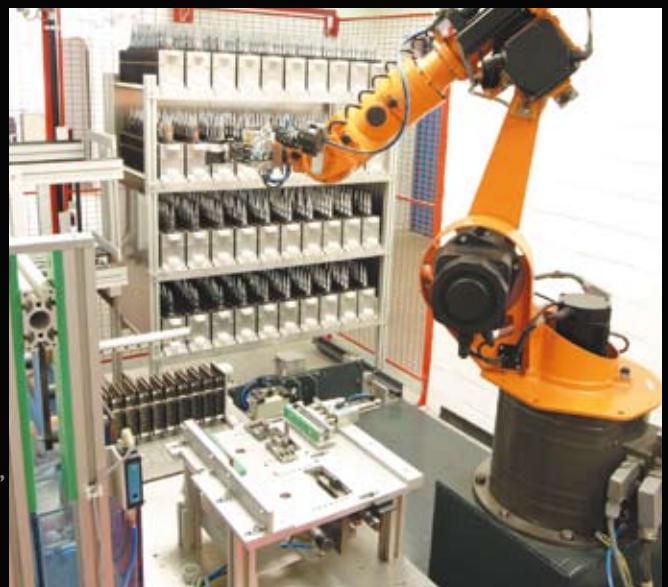
The pliers blank is
provided with an even
shape on several grinding
zones using robot
technology.



Through specific heating
of the cutting zone, the
cutting edges are hardened
according to their area of
application.



Optimum
bonding
between the
coating and the
pliers blank is
ensured through the use
of special
assembly
fixtures
combined with
dispensing units
for adhesives.



Through the use of robots,
all pliers are routinely
tested in a water bath
with a voltage
of 10,000 Volts.

Ergonomic design handle covers in modern dual component design made of high-quality plastic with excellent haptic properties. Optimum grip thanks to non-slip, non-stick surfaces in wet and dirty conditions. Very skin-friendly, insulation in extreme temperatures, electric shocks and vibrations. Resistant against sweat, salt water, oils, many chemicals and UV radiation.

1000 V heavy duty side cutters

In accordance with DIN ISO 5749 A, made of electric steel, lay-on joint, induction hardened precision cutting edge (approx. 64 HRC), for all wires including piano wire

145 mm (5,5")	10 0524*
160 mm (6")	10 0526
200 mm (8")	10 0528



1000 V side cutters

In accordance with DIN ISO 5749 B, made of electric steel, single joint, induction hardened precision cutting edge (approx. 64 HRC), for all wires including piano wire

130 mm (5")	10 0570*
145 mm (5,5")	10 0572
160 mm (6")	10 0574
180 mm (7")	10 0577



1000 V wire-stripping side cutters

Single joint, made of electric steel, induction hardened precision cutting edge (approx. 64 HRC) for hard, medium-hard and soft wire, with two wire-stripping stations for solid and multi-wire conductors 1.5 mm² and 2.5 mm²

160 mm (6")	10 0652
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Lead sealing pliers side cutters

Single joint, made of electric steel, induction hardened precision cutting edge (approx. 64 HRC), for all wires including piano wire, with 8 mm ø seals

160 mm (6")	10 0030
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1000 V heavy duty end cutters

In accordance with DIN ISO 5748, made of electric steel, lay-on joint, induction hardened precision cutting edge (approx. 64 HRC), for all wires including piano wire

200 mm (8")	10 0402
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1000 V combinations pliers

In accordance with DIN ISO 5746, made of special tool steel, single joint, induction hardened precision cutting edge (approx. 64 HRC), for all wires, including piano wire, with slightly tapered, serrated gripping surfaces and serrated recess (burner port)

160 mm (6")	10 0334
185 mm (7")	10 0336
200 mm (8")	10 0338



1000 V wire-stripping pliers

Single joint, made of electric steel, with adjusting screw for setting the required wire or strand diameter, for solid and multi-wire conductors up to 5 mm ø or 0.75 up to 6 mm², with internal opening spring

160 mm (6")	10 0686
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1000 V telephone pliers with straight jaws

In accordance with DIN ISO 5745, single joint, induction hardened precision cutting edge (approx. 60 HRC), long, flat-nose-round-nose jaws (flat-nose-round-nose pliers), serrated gripping surfaces and serrated recess (burner port), with cutting edges for hard and soft wire

145 mm (5,5")	10 0212*
160 mm (6")	10 0214
200 mm (8")	10 0216



1000 V telephone pliers with curved jaws

In accordance with DIN ISO 5745, single joint, jaws 45° gewinkelt, induction hardened precision cutting edge (approx. 60 HRC), long, flat-nose-round-nose jaws (flat-nose-round-nose pliers), serrated gripping surfaces and serrated recess (burner port), with cutting edges for hard and soft wire

160 mm (6")	10 0236
200 mm (8")	10 0238



1000 V flat-nose pliers (Langbeck pliers)

In accordance with DIN ISO 5745, single joint, long, flat-nose jaws, jaw length 50 mm, serrated gripping surfaces

160 mm (6")	10 0024
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1000 V round-nose pliers (Langbeck pliers)

In accordance with DIN ISO 5745, single joint, long, round-nose jaws, jaw length 50 mm, fine serrated gripping surfaces

160 mm (6")	10 0062
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Mechanics pliers

Precision box joint for zero backlash and very long life, jaw length 75 mm, finely angled gripper jaws

Straight, flat-nose-round-nose jaws

190 mm (7,5")	10 0082*
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Flat-nose-round-nose jaws, angled 45°

190 mm (7,5")	10 0086*
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Straight, flat-nose-wide jaws

190 mm (7,5")	10 0090*
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Flat-nose-wide jaws, angled 45°

190 mm (7,5")	10 0094*
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Water pump pliers

In accordance with DIN ISO 8976, made of chrome vanadium steel box joint, self-clamping on the workpiece, with serrated recess (burner port)

without handle covers

250 mm (10")	10 1222*
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with handle covers

250 mm (10")	10 1224*
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Handles with two-coloured plastic multi-layered safety for optimum safety. In the event of damage to the outer red insulation layer, the orange plastic insulation underneath which is now visible indicates that 100 % safety in accordance with the safety standards is no longer guaranteed.

1000 V heavy duty side cutters

In accordance with DIN ISO 5749 A, made of electric steel, lay-on joint, induction hardened precision cutting edge (approx. 64 HRC), for all wires including piano wire

160 mm (6")	10 8789
200 mm (8")	10 8784



1000 V side cutters

In accordance with DIN ISO 5749 B, made of electric steel, single joint, induction hardened precision cutting edge (approx. 64 HRC), for all wires including piano wire

145 mm (5,5")	10 8785
160 mm (6")	10 8786
180 mm (7")	10 8787
250 mm (10")	10 8788



1000 V wire-stripping side cutters

Single joint, induction hardened precision cutting edge (approx. 64 HRC) for hard, medium-hard and soft wire, additionally with two wire-stripping stations for solid and multi-wire conductors 1.5 mm² and 2.5 mm²

160 mm (6")	10 8792
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1000 V heavy duty end cutters

In accordance with DIN ISO 5748, made of electric steel, lay-on joint, induction hardened precision cutting edge (approx. 64 HRC), for all wires including piano wire

200 mm (8")	10 8795
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1000 V combination pliers

In accordance with DIN ISO 5746, made of special tool steel, single joint, induction hardened precision cutting edge (approx. 64 HRC), for all wires including piano wire, with slightly tapered, serrated gripping surfaces and serrated recess (burner port)

160 mm (6")	10 8781
185 mm (7")	10 8782
200 mm (8")	10 8783



1000 V wire-stripping pliers

Single joint, with adjusting screw to set the required wire or strand diameter, for solid and multi-wire conductors up to 5 mm ø or 0.75 up to 6 mm², with internal opening spring

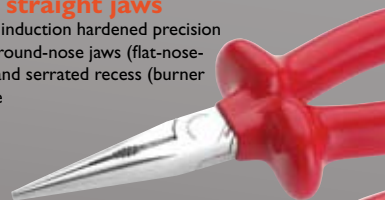
160 mm (6")	10 8790
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1000 V telephone pliers with straight jaws

In accordance with DIN ISO 5745, single joint, induction hardened precision cutting edge (approx. 60 HRC), long, flat-nose-round-nose jaws (flat-nose-round-nose pliers), serrated gripping surfaces and serrated recess (burner port), with cutting edges for hard and soft wire

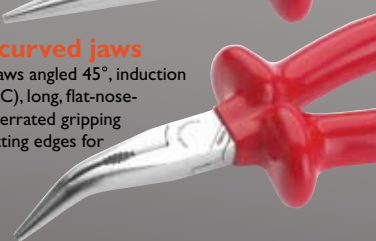
160 mm (6")	10 8779
200 mm (8")	10 8778



1000 V telephone pliers with curved jaws

In accordance with DIN ISO 5745, single joint, jaws angled 45°, induction hardened precision cutting edge (approx. 60 HRC), long, flat-nose-round-nose jaws (flat-nose-round-nose pliers), serrated gripping jaws and serrated recess (burner port), with cutting edges for hard and soft wire

160 mm (6")	10 8777
200 mm (8")	10 8780



1000 V flat-nose pliers (Langbeck pliers)

In accordance with DIN ISO 5745, single joint, long, flat-nose jaws, jaw length 50 mm, serrated gripping jaws

160 mm (6")	10 8771
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1000 V round-nose pliers (Langbeck pliers)

In accordance with DIN ISO 5745, single joint, long, round-nose jaws, jaw length 50 mm, fine serrated gripping jaws

160 mm (6")	10 8773
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1000 V water pump pliers

In accordance with DIN ISO 8976, box joint, self-clamping on the workpiece, with serrated recess (burner port), made of chrome vanadium steel

250 mm (10")	10 8724
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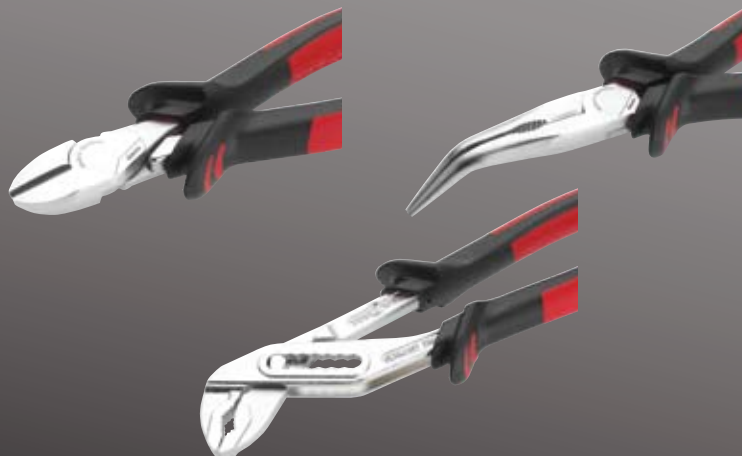


Pliers assortment, 3-piece

with ergonomic design handle covers in modern dual component design.

Consisting of:

Water pump pliers, 250 mm (10")	CIMCO article no. 10 1224
Telephone pliers with curved jaws, 200 mm (8")	CIMCO article no. 10 0238
Side cutters, 160 mm (6")	CIMCO article no. 10 0574



Pliers assortment, 3-piece

CIMCO article no. 10 4022

1000 V pliers assortment, 4-piece

with ergonomic design grip covers in modern dual component design.

Consisting of:

Heavy duty side cutters, 200 mm (8")	CIMCO article no. 10 0528
Combination pliers, 185 mm (7")	CIMCO article no. 10 0336
Telephone pliers with straight jaws, 200 mm (8")	CIMCO article no. 10 0216
Wire-stripping pliers, 160 mm (6")	CIMCO article no. 10 0686



Pliers assortment, 4-piece

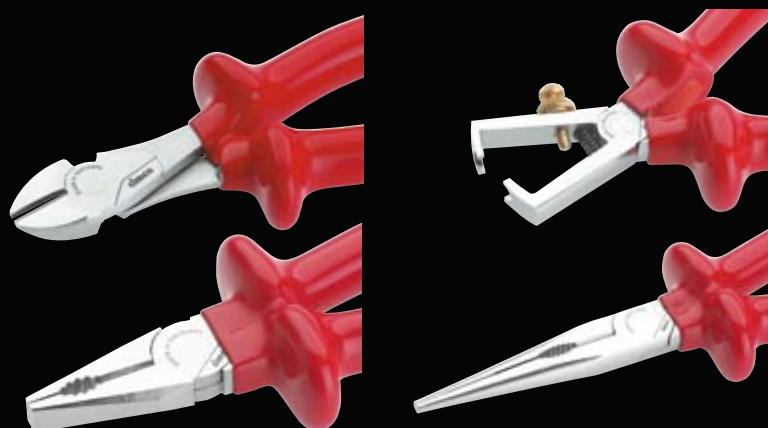
CIMCO article no. 10 4020

1000 V pliers assortment, 4-piece

with two-coloured plastic multi-layered safety.

Consisting of

Heavy duty side cutters, 200 mm (8")	CIMCO article no. 10 8784
Combination pliers, 185 mm (7")	CIMCO article no. 10 8782
Telephone pliers with straight jaws, 200 mm (8")	CIMCO article no. 10 8778
Wire-stripping pliers, 160 mm (6")	CIMCO article no. 10 8790



Pliers assortment, 4-piece

CIMCO article no. 10 8002

Your specialist **CIMCO**® dealer: