Data Sheet
uniortools.com

Combination pliers

406/1VDEDP



Profiles

1000V IEC 60900 · Premium

Standards

DIN EN IEC 60900 (VDE 0682-201):2019-04; EN IEC 60900:2018

Product features

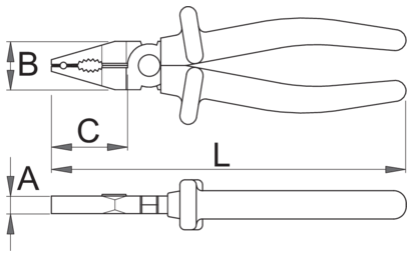
- material: premium plus carbon steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: trivalent chrome plated according to ISO 1456:2009
- made according to standard ISO 5746 and EN IEC 60900

Advantages

- handles are insulated with double layered - double coloured insulation for additional safety

Important!

- if second layer is visible, replace your insulated tool with a new one.



	L	B	C	A	
619178	160	24	35	9.5	219

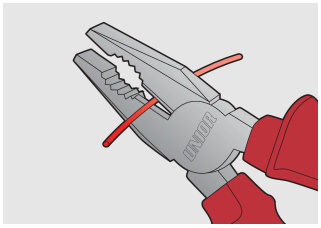
cutting capacity (10N=1kg)

	L	max 1560 N/mm² ØT	max 750 N/mm² ØT
619178	160	1,6	2,0

* Images of products are symbolic. All dimensions are in mm, and weight is in grams. All listed dimensions may vary in tolerance.

Usage (pictures)





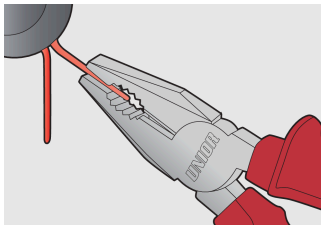
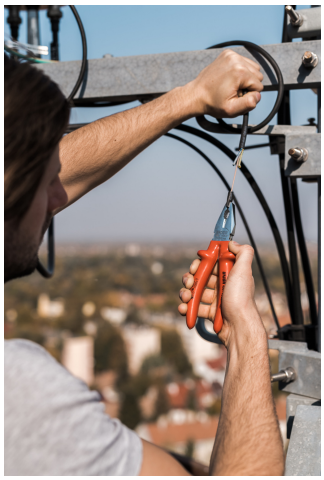


Photo (pictures)







Safety tips

- Pliers should be oiled regularly. A drop of oil at the hinge will lengthen the tool life and assure easy operation.
- When cutting wire with pliers, you should always wear glasses or goggles.

- Don't use pliers for cutting hardened wire, unless specifically manufactured for this purpose.
- Don't expose pliers to excessive heat. This may ruin the tool.
- Don't use pliers as a hammer.
- Don't hammer on the handles. They may crack or break.
- Don't extend the length of plier handles to secure greater leverage.
- Don't use pliers on nuts or bolts. A wrench will do a better job and with less risk of damage to the fastener.

Frequently asked questions

Are certified insulated tools made through a different procedure than non-certified insulated tools?
The tools are made according to the same procedure.

Are insulated (VDE) tools considered as personal protective equipment (PPE)?
According to EU regulations, VDE tools are not considered as PPE.

Is it possible to work with insulated pliers under electrical voltage?
Yes, but only by professionals who follow safety requirements and use additional personal protective equipment.

Are the VDE tools only being sampled in series production?
The high voltage test (at 10kV) is performed fully on each tool. Other tests are performed in accordance with the EN60900 standard.