

# Linemen`s pliers

420/1VDEBI



## Profiles

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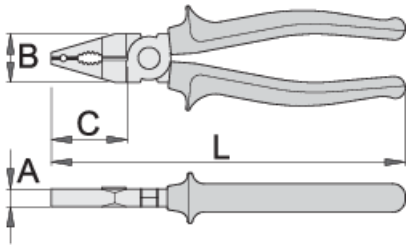
## Standards

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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 to standard ISO 1456:2009
- heavy duty double - component handles
- made according to standard EN IEC 60900



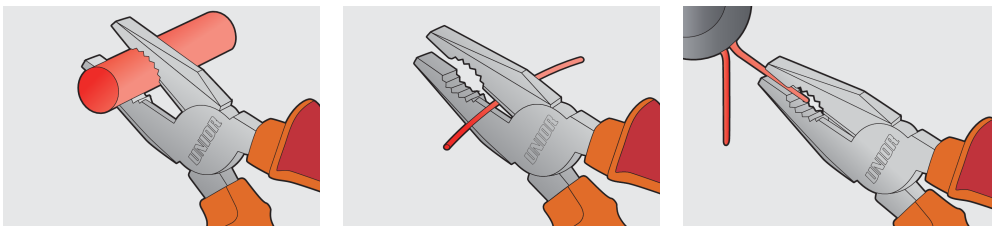
|        |     |    |    |    |     |
|--------|-----|----|----|----|-----|
|        | L   | B  | C  | A  |     |
| 610425 | 180 | 24 | 45 | 11 | 241 |

cutting capacity (10N=1kg)

|        |     |                               |                              |
|--------|-----|-------------------------------|------------------------------|
|        | L   | max 1560 N/mm <sup>2</sup> Ø↑ | max 750 N/mm <sup>2</sup> Ø↑ |
| 610425 | 180 | 1,8                           | 2,5                          |

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

### Usage (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.