

# Waterpump box joint pliers

#### 447/1VDEDP



#### **Profiles**







#### **Standards**

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

#### Product features

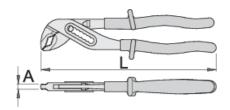
- material: premium chrome vanadium steel
- drop forged, entirely hardened and tempered
- working surfaces induction hardened
- surface finish: chrome plated to standard ISO 1456:2009
- made according to standard ISO 8976 and EN IEC 60900

#### Advantages:

- handles are insulated with double layered double coloured insulation for additional safety
- jaw aperture adjustable in 7 positions
- A special bulge prevents fingers to be pressed between the handles of the pliers.

#### Important!

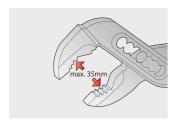
if second layer is visible, replace your insulated tool with a new one.



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619199	240	6.5	35	382

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

### Usage (pictures)





## 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.