

# Long nose pliers with side cutter and pipe grip, bent

512/1VDEDP



## Profiles



## Product features

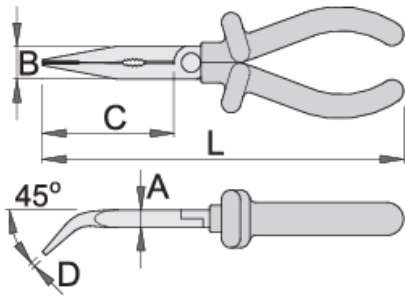
- material: premium plus carbon steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard ISO 1456:2009
- made according to standard ISO 5745 and EN IEC 60900



## Advantages:

- handles are insulated with double layered - double coloured insulation for additional safety
- the long bent jaws enable simple and precise clenching of nuts and screws
- the strong jaws enable good grip
- jaws bent to an angle of 45°
- gripping surface serrated


## Important!

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



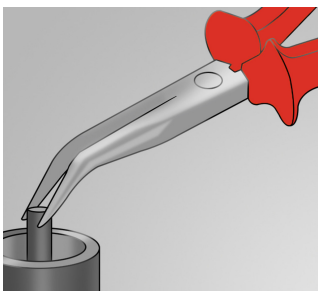
	L	B	D	A	C	
619191	170	17	2.5	9	61	156
619192	200	17	2.5	9	77	201

cutting capacity (10N=1kg)

	L	max 1600 N/mm <sup>2</sup> Ø↑	max 650 N/mm <sup>2</sup> Ø↑
619191	170	1,6	2,0
619192	200	1,8	2,5

\* 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.