

## Product information

# 08 22 145

## Needle-Nose Combination Pliers

DIN ISO 5746



### Always with you, always useful: the versatile pliers for on the go

- Small High Leverage Combination Pliers with pointed jaw.
- For all common installation and repair work.
- Handy use when working in confined areas thanks to slim head design and pointed jaws (anti-twist)
- Gripping surfaces with special convex contour on one side for secure gripping of flat parts
- Milled groove in the gripping area permits small parts such as nails, pins and bolts to be held and pulled
- The reliable and diverse combination pliers when out and about
- Easy cutting thanks to the high leverage joint
- With cutting edges for soft, medium-hard and hard wire
- Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC
- Long service life and stable tips
- Forged from special high grade tool steel, manifold oil-hardened

### General

Article No.	08 22 145
EAN	4003773078968
Pliers	black atramentized
Head	polished
Handles	with multi-component grips
Weight	145 g
Dimensions	145 x 58 x 18 mm
Standard	DIN ISO 5746
Reach	no
RohS	no

### Technical details

Cutting capacities medium hard wire (diameter)	Ø 3.0 mm
Cutting capacities hard wire (diameter)	Ø 2.0 mm
Cutting capacity copper cable, multiple-stranded	Ø 8.0 mm
Cutting capacity copper cable, multiple-stranded	16.0 mm <sup>2</sup>

### Classification

eCl@ss 5.1.4	21040301
ETIM 6.0	EC000836
proficl@ss 6.0	AAA967c005
UNSPSC 13.1	27112139

technical change and errors excepted



Milled groove in the gripping area