

**VDE-insulated combination pliers**

Up to 1,000 V (AC) and 1,500 V (DC)

Protective insulation according to IEC 900, DIN EN 60900

- Drop-forged from high-quality special tool steels
- Safety handles with ergonomic and non-slip TPE VDE sleeve
- Made from shockproof, heat- and cold-resistant, non-flammable, cadmium-free TPE (thermoplastic elastomer)
- Elastic grip zone and hard core
- Highly-polished surface
- Nickel-chromium electro-galvanised coating protects against corrosion

**KBZ 160 / KBZ 180 / KBZ 200**

Combination pliers



**KBZI 200**

Heavy-duty combination pliers (telephone pliers)

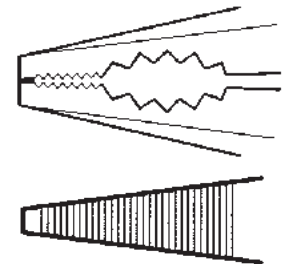
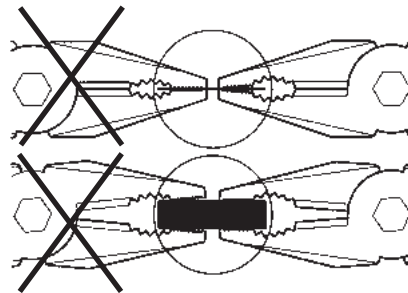


**Combination pliers acc. to DIN ISO 5746**

- With opening gap (see diagram)
- Films and metal sheets up to a thickness of 2.5 mm are gripped with the tip
- Up to a thickness of 2.5 mm, the gripping force pulls the workpiece towards the joint
- Extra-long cutter for ribbon and round cables
- For cutting soft and hard wires
- Cutting edges inductively hardened to approx. 60 HRC

**Telegraph pliers (combination pliers) acc. to DIN 5746**

- Heavy-duty model for demanding requirements
- Extra-long cutter for ribbon and round cables
- For cutting soft and hard wires
- Cutting edges inductively hardened to approx. 60 HRC



**Technical data**

Cutting performance	
Conductor diameter, max. (H)	mm
Conductor diameter, max. (MH)	mm
Tool data	
Cutter hardness	-
Total length	mm
Weight	g
Note	

	KBZ 160	KBZ 180	KBZ 200
Conductor diameter, max. (H)	1.8	2.5	2.5
Conductor diameter, max. (MH)	2.5	2.8	3
Tool data			
Cutter hardness	60	60	60
Total length	160	180	200
Weight	230	290	362
Note			
(MH) medium-hard wire; (H) hard wire; (P) piano wire			

KBZI 200	
Conductor diameter, max. (H)	2.5
Conductor diameter, max. (MH)	3
Tool data	
Cutter hardness	60
Total length	200
Weight	412
Note	
(MH) medium-hard wire; (H) hard wire; (P) piano wire	

**Ordering data**

Version
Note

Type	Qty.	Order No.
KBZ 160	1	9046280000
KBZ 180	1	9046290000
KBZ 200	1	9046300000
Note		

Type	Qty.	Order No.
KBZI 200	1	9046430000
Note		