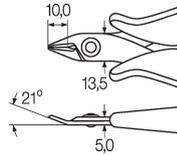


## Z 41 1 03 Electronic Diagonal Cutters



**Head shape:** Wide, pointed head.

**Design:** Cutting edge with full flush cutter function. With opening spring.

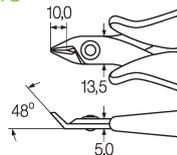
**Material:** C 70 special tool steel.

**Application:** For an absolutely flush cut of soft wires in the electronics industry.

Part No.	Length [mm]	Weight [g]
Z 41 1 03	138	70

Part No.	Ord.No.
s Z 41 1 03	63824
s Z 41 1 03SB (blister pack)	64921

## Z 46 0 03 Electronic Oblique Cutting Nippers



**Head shape:** Wide, pointed head.

**Design:** Cutting edge with full flush cutter function. With cutting edge at 48° for cutting obliquely from above or from the side.

**Material:** C 70 special tool steel.

**Application:** For absolutely flush cutting of soft wires in places which are difficult to access in the electronics industry.

Part No.	Length [mm]	Weight [g]
Z 46 0 03	138	70

Part No.	Ord.No.
s Z 46 0 03	63825

## Z 41 3 04 Professional ESD Diagonal Cutter



**Head shape:** Wide, pointed head.

**Design:** Cutting edge without bevel for absolute flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.

**Material:** High alloy carbon steel C 60.

**Application:** For absolutely flush cutting of copper wire.

Part No.	Length [mm]	Weight [g]
Z 41 3 04	115	60

Part No.	Ord.No.
s Z 41 3 04	66289

## Z 43 1 04 Professional ESD Diagonal Cutter



**Standards:** DIN ISO 9654. IEC 61340-5-1.

**Head shape:** Narrow, semi-circular head.

**Design:** Cutting edge with full flush cutter function for virtually flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.

**Material:** High alloy carbon steel C 60.

**Application:** For virtually flush cutting of copper wire in places which are difficult to access.

Part No.	Length [mm]	Weight [g]
Z 43 1 04	115	60

Part No.	Ord.No.
s Z 43 1 04	66304

## Z 47 2 04 Professional ESD End Cutting Nippers



**Standards:** DIN ISO 9654. IEC 61340-5-1.

**Head shape:** Wide head.

**Design:** Cutting edge with full flush cutter function for virtually flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.

**Material:** High alloy carbon steel C 60.

**Application:** For frontal, virtually flush cutting of thicker, soft wires.

Part No.	Length [mm]	Weight [g]
Z 47 2 04	115	65

Part No.	Ord.No.
s Z 47 2 04	68700

## Z 46 4 04 Professional ESD Oblique End Cutting Nippers



**Standards:** DIN ISO 9654. IEC 61340-5-1.

**Head shape:** Extra narrow head. Cutting edges angled at 40°.

**Design:** Cutting edge with full flush cutter function for virtually flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.

**Material:** High alloy carbon steel C 60.

**Application:** For virtually flush cutting thin, soft wires in places which are particularly difficult to access.

Part No.	Length [mm]	Weight [g]
Z 46 4 04	110	42

Part No.	Ord.No.
s Z 476 4 04	69760

## HT- 109

ECONOMIC



Flat profile electronic pliers. High-leverage design provides greater cutting and gripping power, cutter angled at 22,5°, made of finest tool steel, induction hardened, black burnished surface. Spring-loaded, Length: 130mm, for copper wire up to 0,519mm<sup>2</sup>.

Part No.	Ord.No.
s HT-109	6144

## HT - 222

ECONOMIC



Precise electronic pliers, cutter angled at 22,5°, made of finest tool steel, black burnished surface, spring-loaded, Length: 130mm, for copper wire up to 0,79mm<sup>2</sup> (AWG18).

Part No.	Ord.No.
s HT-222	7706

## KL - 130

ECONOMIC



Precise electronic pliers with insulated handles, for wires up to 0,8mm diameter. With a spring for collecting ends of wires that have been cut off, cutter angled at 20°. Length: 130mm.

Part No.	Ord.No.
s KL 130	14304