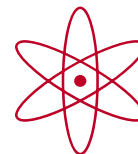
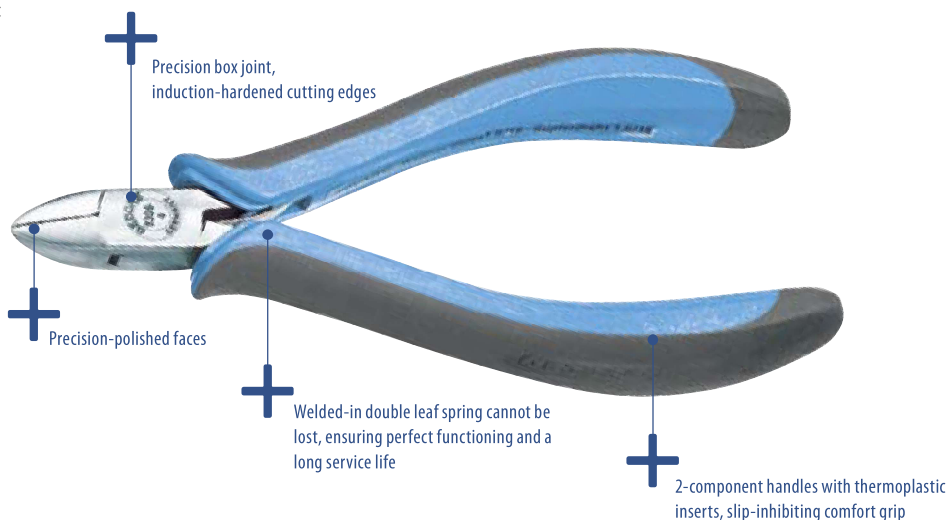


## Electronic Pliers

# ELECTRONIC PLIERS



- > For bending, straightening and assembly work in the electronic and precision mechanical sector
- > GEDORE ESD-electronic-pliers dissipate electrostatic energy in a slow, controlled manner
- > Surfaces: Ground-steel - no flaking chrome parts to cause faults in electronic circuitry



ESD = electrostatic discharge protection  
BL [JL] = Jaw length  
SL [CL] = Cutting edge length

## ATTENTION! SAFETY NOTE!



> Due to the conductivity of the ESD 2-component handles, these tools must not be brought into contact with live conductors passing a voltage sufficient to cause an electric shock.



## CARE REGULATION

- > For safety reasons ESD pliers are not coated with chrome.
- > The surface of the pliers is of polished steel and therefore is at the mercy of corrosion.
- > As such, the surfaces of these pliers must be cleaned with a cloth at least 1x a day either during or after the work.
- > We would recommend our 8305 MT microfibre cloth

## S 8305 ESD ELECTRONIC PLIERS SET

6 pieces

- > Dimensions: L 230 x W 165 x H 55 mm
- > With microfibre cloth 8305 MT



Contents

8305-9	8307-4	8308-1
8306-6	8306-1	E-8305 MT
8307-3		

0,680

Code  
1955551

No.  
S 8305 ESD

## Electronic side cutters

Induction-hardened precision cutting edges, 61-63 HRC

### 8306-1 ELECTRONIC SIDE CUTTER

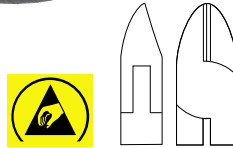
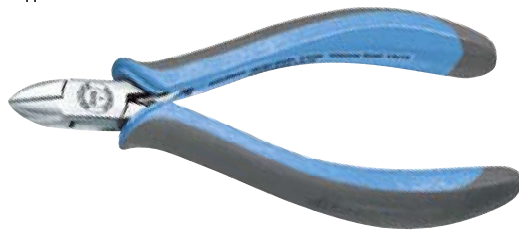


- > Oval head, with bevel
- > Induction-hardened precision cutting edges, 61 - 63 HRC

**Cutting values:**

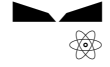
- > Hard wire: 0.4 mm/AWG 26
- > Soft steel: 1.0 mm/AWG 18
- > Copper wire: 1.5 mm/AWG 15

> ESD = electrostatic discharge protection



CL	l mm	kg	Code	No.
12	125	0.080	6726450	8306-1

### 8306-2 MINIATURE ELECTRONIC SIDE CUTTER

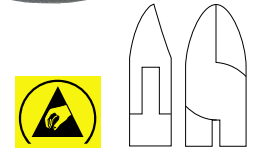
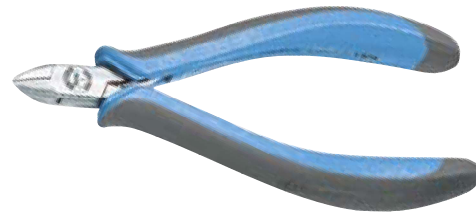


- > Short, oval head, with fine bevel
- > Induction-hardened precision cutting edges, 61 - 63 HRC

**Cutting values:**

- > Soft steel: 0.6 mm/AWG 22
- > Copper wire: 1.2 mm/AWG 16

> ESD = electrostatic discharge protection



CL	l mm	kg	Code	No.
9	120	0.071	6726530	8306-2

### 8306-4 ELECTRONIC SIDE CUTTER

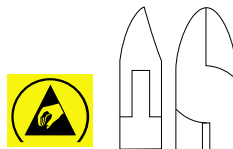
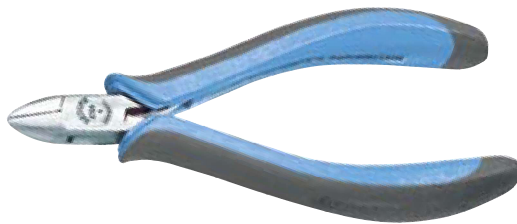


- > Oval head, with fine bevel
- > Induction-hardened precision cutting edges, 61 - 63 HRC

**Cutting values:**

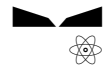
- > Soft steel: 1.0 mm/AWG 18
- > Copper wire: 1.5 mm/AWG 15

> ESD = electrostatic discharge protection



CL	l mm	kg	Code	No.
14	125	0.081	6727180	8306-4

### 8306-5 MINIATURE ELECTRONIC SIDE CUTTER

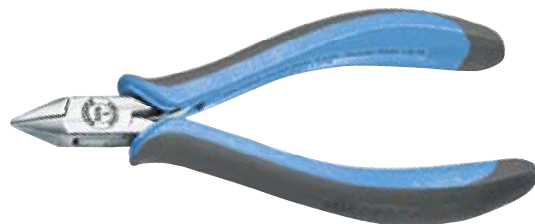


- > Pointed head, with fine bevel
- > Induction-hardened precision cutting edges, 61 - 63 HRC

**Cutting values:**

- > Hard wire: 0.4 mm/AWG 26
- > Soft steel: 1.0 mm/AWG 18
- > Copper wire: 1.2 mm/AWG 16

> ESD = electrostatic discharge protection



CL	l mm	kg	Code	No.
12	125	0.079	6727340	8306-5

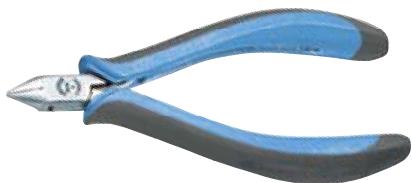
## 8306-6

### MINIATURE ELECTRONIC SIDE CUTTER



- > Short, head pointed and flattened (relief-milled), with fine bevel
- > Induction-hardened precision cutting edges, 61 - 63 HRC
- Cutting values:**
  - > Soft steel: 0.6 mm/AWG 22
  - > Copper wire: 1.0 mm/AWG 18

> ESD = electrostatic discharge protection



CL	mm	kg	Code	No.
10	120	0.072	6727500	8306-6

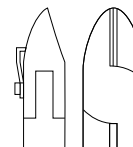
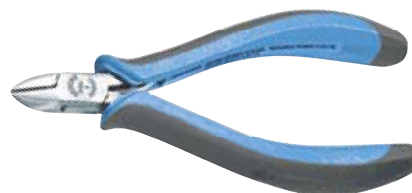
## 8306-8

### MINIATURE ELECTRONIC SIDE CUTTER



- > With wire gripper
- > Oval head, with bevel
- > Induction-hardened precision cutting edges, 61 - 63 HRC
- Cutting values:**
  - > Hard wire: 0.4 mm/AWG 26
  - > Soft steel: 1.0 mm/AWG 18
  - > Copper wire: 1.5 mm/AWG 15

> ESD = electrostatic discharge protection



CL	mm	kg	Code	No.
13	125	0.076	6727930	8306-8

## Electronic side cutter carbide

Tungsten-carbide cutting edges induction-hardened, 84-86 HRA

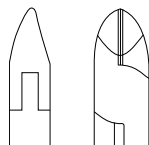
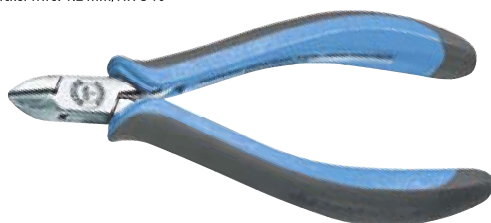
## 8306-7

### ELECTRONIC SIDE CUTTER CARBIDE



- > Oval head, with bevel
- > Tungsten-carbide cutting edges for an extremely long service life
- > Hardness 84 - 86 HRA
- Cutting values:**
  - > Piano wire: 0.6 mm/AWG 22
  - > Hard steel: 1.0 mm/AWG 18
  - > Nickel wire: 1.2 mm/AWG 16

> ESD = electrostatic discharge protection



CL	mm	kg	Code	No.
11	125	0.076	6727770	8306-7

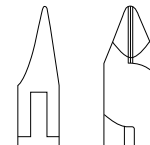
## 8306-9

### ELECTRONIC SIDE CUTTER CARBIDE



- > Tungsten-carbide cutting edges for an extremely long service life
- > Hardness 84 - 86 HRA
- > Pointed, slim head for work in confined spaces
- > Without bevel
- Cutting values:**
  - > Piano wire: 0.3 mm
  - > Hard steel: 0.5 mm

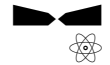
> Nickel wire: 0.6 mm  
> Especially for cutting SMD components  
> With opening spring  
> ESD = electrostatic discharge protection



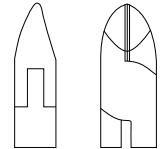
CL	mm	kg	Code	No.
11	125	0.076	1743414	8306-9



## 8306-10 ELECTRONIC SIDE CUTTER CARBIDE



- > Oval head, with special bevel, especially suitable for cutting glass fibre and Kevlar®
- > Tungsten-carbide cutting edges for an extremely long service life
- > Hardness 84 - 86 HRA
- > With opening spring
- > ESD = electrostatic discharge protection
- > Kevlar® is a registered trademark of the company DuPont



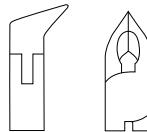
CL	l mm		Code	No.
11	125	0.077	1743422	8306-10

### Electronic diagonal cutters and end nippers

## 8308-1 ELECTRONIC MINI DIAGONAL CUTTER

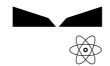


- > Pointed head, cutting edges angled 55°, with fine bevel
- > For working in confined spaces
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- Cutting values:**
  - > Hard steel: 0.4 mm/AWG 26
  - > Soft steel: 1.0 mm/AWG 18
  - > Copper wire: 1.2 mm/AWG 16
- > With opening spring
- > ESD = electrostatic discharge protection

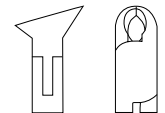


CL	l mm		Code	No.
12	125	0.076	1743600	8308-1

## 8308-3 ELECTRONIC DIAGONAL CUTTER

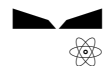


- > Wide head and long cutting faces, with fine bevel
- > Cutting edges angled 55°
- > Head ground to a point on one side
- > For working in confined spaces
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- Cutting values:**
  - > Hard steel: 0.4 mm/AWG 26
  - > Soft steel: 1.0 mm/AWG 18
  - > Copper wire: 1.5 mm/AWG 15
  - > With opening spring
  - > ESD = electrostatic discharge protection

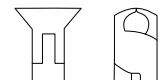


CL	l mm		Code	No.
15	135	0.094	1743627	8308-3

## 8308-4 ELECTRONIC END CUTTING NIPPER



- > Wide head and long cutting faces, with fine bevel
- > High cutting performance
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- Cutting values:**
  - > Hard steel: 0.4 mm/AWG 26
  - > Soft steel: 1.0 mm/AWG 18
  - > Copper wire: 1.5 mm/AWG 15
  - > With opening spring
  - > ESD = electrostatic discharge protection



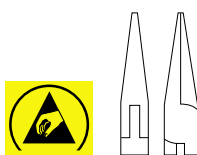
CL	l mm		Code	No.
15	135	0.098	1743635	8308-4

## Needle nose electronic pliers

### 8305-2 NEEDLE NOSE ELECTRONIC PLIERS



- > Extra long, half-round jaws, with file-cut surface
- > ESD = electrostatic discharge protection

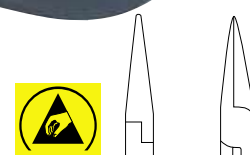


JL	mm	kg	Code	No.
39	165	0.111	6725480	8305-2

### 8307-4 NEEDLE NOSE ELECTRONIC PLIERS



- > Slim, narrow, flat-round tapered jaws
- > Smooth-ground gripping faces
- > With opening spring
- > ESD = electrostatic discharge protection



JL	mm	kg	Code	No.
31	145	0.074	1743562	8307-4

### 8305-6 FINE NEEDLE NOSE ELECTRONIC PLIERS



- > Extra slim jaws and fine point
- > Without file-cut
- > ESD = electrostatic discharge protection



JL	mm	kg	Code	No.
40	160	0.101	6725720	8305-6

## Needle nose electronic pliers 45° angled

### 8307-3 NEEDLE NOSE ELECTRONIC PLIERS



- > Slim, narrow, flat-round tapered jaws, angled 45°
- > Gripping faces with fine file cut
- > With opening spring
- > ESD = electrostatic discharge protection



JL	mm	kg	Code	No.
22	140	0.081	1743554	8307-3

### 8307-7 LONG NOSE ELECTRONIC PLIERS



- > Extra long, flat-round tapered jaws, angled 45°
- > For bending and straightening jobs
- > Smooth-ground gripping faces
- > With opening spring
- > ESD = electrostatic discharge protection



JL	mm	kg	Code	No.
35	165	0.113	1743597	8307-7

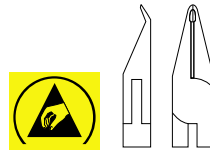
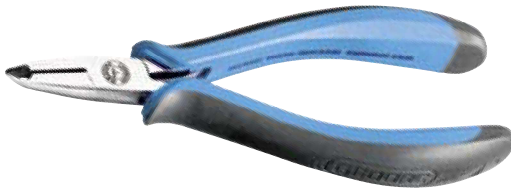


## Special electronic pliers

### 8305-7 ELECTRONIC DIAGONAL CUTTER



- > 30 ° angled cutting edges, with fine bevel
- > With slim head for confined spaces
- Cutting values:**
- > Soft steel: 0.6 mm/AWG 22
- > Copper wire: 0.8 mm/AWG 20
- > ESD = electrostatic discharge protection

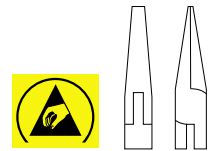


CL	↳ mm ↳	⚖ kg	Code	No.
6	135	0.073	6725990	8305-7

### 8305-9 FLAT NOSE ELECTRONIC PLIERS



- > Straight pattern
- > Without file-cut
- > ESD = electrostatic discharge protection

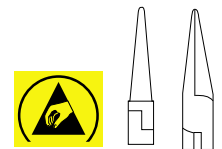


JL	↳ mm ↳	⚖ kg	Code	No.
23	135	0.073	6726370	8305-9

### 8308-6 ROUND NOSE ELECTRONIC PLIERS



- > For delicate work in the electronic sector, suitable for Kevlar®
- > Long service life
- > Tips tapering to Ø 1 mm, without file-cut
- > ESD = electrostatic discharge protection
- > Kevlar® is a registered trademark of the company DuPont



JL	↳ mm ↳	⚖ kg	Code	No.
20	135	0.078	1743651	8308-6

## Miniature Electronic Pliers

Made from high-performance hardened and tempered steel  
Induction-rehardened cutting edges, 59-61 HRC, faces phosphated

With opening spring  
2-component handles with secure-grip hand protection

### 8350-2 MINIATURE ELECTRONIC SIDE CUTTER



- > Sharp, narrow needle-point head
- > Cutting edges angled 21°, without bevel

**Cutting values:**  
> Copper wire: max. 0.8 mm / AWG 20



CL	↳ mm ↳	⚖ kg	Code	No.
8	132	0.073	1828967	8350-2

### 8350-3 MINIATURE ELECTRONIC SIDE CUTTER



- > Sharp, narrow needle-point head
- > With wire-grip clamp
- > Cutting edges angled 21°, without bevel

**Cutting values:**  
> Copper wire: max. 1.0 mm / AWG 18



CL	↳ mm ↳	⚖ kg	Code	No.
8	132	0.082	1828975	8350-3

### 8350-5 MINIATURE ELECTRONIC DIAGONAL END CUTTING NIPPERS



- > Wide, needle-point head
- > Cutting edges angled 48°, without bevel

**Cutting values:**  
> Copper wire: max. 1.3 mm / AWG 16



CL	↳ mm ↳	⚖ kg	Code	No.
8	136	0.085	1828991	8350-5

### 8350-6 MINIATURE ELECTRONIC SIDE CUTTER



- > Wide, needle-point head
- > Cutting edges angled 21°, without bevel

**Cutting values:**  
> Copper wire: max. 1.3 mm / AWG 16  
> Medium-hard wire: max. 1.0 mm / AWG 18



CL	↳ mm ↳	⚖ kg	Code	No.
8	138	0.094	1829009	8350-6

### 8350-7 MINIATURE ELECTRONIC SIDE CUTTER



- > Wide, needle-point head
- > Cutting edges angled 21°, without bevel

**Cutting values:**  
> Copper wire: max. 1.3 mm / AWG 16



CL	↳ mm ↳	⚖ kg	Code	No.
8	138	0.086	1829017	8350-7

### 8350-8 MINIATURE ELECTRONIC SIDE CUTTER



Power Line

- > Fabric insert for increased strength
- > Wide, needle-point head
- > Cutting edges angled 21°, with fine bevel

**Cutting values:**  
> Copper wire: max. 2.0 mm / AWG 12  
> Medium-hard wire: max. 1.6 mm / AWG 14



CL	↳ mm ↳	⚖ kg	Code	No.
12	140	0.110	1829025	8350-8



## 8350-9 MINIATURE ELECTRONIC SIDE CUTTER



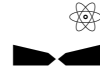
- > Wide, needle-point head
- > With wire-grip spring
- > Cutting edges angled 21°, without bevel

- Cutting values:**
- > Copper wire: max. 1.3 mm / AWG 16
  - > Medium-hard wire: max. 1.0 mm / AWG 18



CL	l mm	kg	Code	No.
10	138	0.094	1829033	8350-9

## 8351-1 MINIATURE ELECTRONIC SIDE CUTTER



Power Line

- > Tungsten-carbide technology for heavy continuous use
- > Cutting edges angled 21°, with fine bevel, hardness 62 HRC

- Cutting values:**
- > Copper wire: max. 2.0 mm / AWG 12
  - > Medium-hard wire: max. 1.6 mm / AWG 14
  - > Piano wire: max. 0.6 mm / AWG 22



CL	l mm	kg	Code	No.
8	137	0.109	1829041	8351-1

## 8352-1 MINIATURE ELECTRONIC NEEDLE NOSE PLIERS

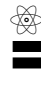


- > Short, narrow, smooth jaws
- > Surface phosphated



JL	l mm	kg	Code	No.
20	145	0.090	1829068	8352-1

## 8352-2 MINIATURE ELECTRONIC FLAT NOSE PLIERS



- > Long, narrow, smooth jaws



JL	l mm	kg	Code	No.
32	158	0.094	1829076	8352-2

## 8352-3 MINIATURE ELECTRONIC NEEDLE NOSE PLIERS



- > Long, narrow, serrated jaws
- > Cutting edges angled 45°



JL	l mm	kg	Code	No.
35	152	0.092	1829084	8352-3

## 8353-1 MINIATURE ELECTRONIC WIRE STRIPPING PLIERS



- > Multipurpose tool for cutting, stripping and terminal crimping



JL	l mm	mm <sup>2</sup>	AWG	kg	Code	No.
40	175	0,25-0,81	30-20	0.126	1829092	8353-1