

63077

Electronics screwdriver sets, PicoFinish (6 pieces)



Design

- Slim handle shape and rotating cap for sensitive work
- Screwdriver handle size concept for an optimum balance between precision and control
- With a practical plastic holder for hanging or positioning

Applications

Ideal for fine and delicate screwdriving work in electronics, precision engineering, model construction and hobby applications.



63077 100



Contents 1 piece each	Design	63077	...
0.25 x 2.0/0.4 x 2.0/0.4 x 2.5/0.5 x 3.0 mm	in rack		100
PH 00/PH 0			
TX 4/5/6/7/8/9	in rack		200
size 2.5/3.0/3.5/4.0/5.0/5.5 mm	in rack		300

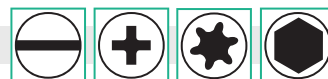
63078

Precision engineering/electronics screwdriver sets (6 pieces)



Design

Kraftform micro with anti-roll protection and rotating cap for lightning-fast twisting, multi-component. Blade: Round, micro matt, black point.



63078



Contents 1 piece each	Design	63078	...
0.3 x 1.8/0.4 x 2.0/0.4 x 2.5/0.5 x 3.0 mm	in rack		101
PH 00/PH 0			
0.4 x 2.5/0.5 x 3.0/0.6 x 3.5/0.8 x 4.0 mm	in rack		102
PH 0/PH 1			
TX 7/8/9/10/15/20	in rack		103
size 0.9/1.3 mm	in rack		104
size 1.5/2.0/2.5/3.0 mm			
size 2.0/2.5/3.0/3.5/4.0/5.0 mm	in rack		105

63079

Precision engineering/electronics screwdriver set (12 pieces)



Design

- Kraftform micro screwdriver set in a rugged belt bag, keeping the tool always to hand
- With anti-roll protection and rotating cap for fast twisting
- The Wera black point tip provides a precise fit and optimised corrosion protection
- With holding function for TX® screws

Applications

For example, for electronics technicians, opticians, precision engineers, jewellers or computer hardware fitters



63079



Contents 1 piece each	Design	63079	...
0.23 x 1.5 x 40/0.30 x 1.8 x 60/0.40 x 2.0 x 60/0.40 x 2.5 x 80/0.50 x 3.0 x 80 mm	in belt bag		101
PH 00 x 60 ⁽¹⁾ /PH 0 x 60 ⁽²⁾			
TX 5 x 40/6 x 40			
SW 0.9 x 40/1.5 x 60/2.0 x 60 mm			

1) Optimised for Japanese PH screws

2) Size 0 modified according to JCS 0 (Japanese Camera Industrial Standard)

63084

Precision engineering/electronics slotted screwdrivers



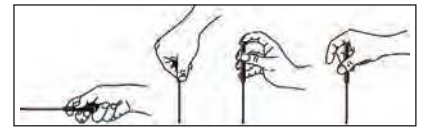
Design

- Multi-component Kraftform micro handle with anti-roll protection and rotating cap for lightning-fast twisting
- Blade: Round, micro matt, black point

Tip:

DIN 8320 up to 0.3 x 1.8 mm,
DIN 5264-A from 0.4 x 2.0 mm,
ISO 2380 from 0.8 x 4.0 mm.

63084



Blade thickness x Width mm	Blade length mm	Total length mm	63084	...
0.16 x 0.8	40	137	099	
0.25 x 1.2	40	137	101	
0.23 x 1.5	40	137	102	
0.30 x 1.8	60	157	103	
0.40 x 2.0	60	157	104	

Blade thickness x Width mm	Blade length mm	Total length mm	63084	...
0.40 x 2.5	80	177	105	
0.50 x 3.0	80	177	106	
0.60 x 3.5	80	177	107	
0.80 x 4.0	80	177	108	

63086

Precision engineering/electronics Phillips screwdrivers PH



Design

- Multi-component Kraftform micro handle with anti-roll protection and rotating cap for lightning-fast twisting
- Blade: Round, micro matt, black point

Tip:

DIN 5260-PH, ISO 8764-PH.

Applications

Phillips cross recess head screws.

63086



Size	Blade length mm	Total length mm	63086	...
PH 00	60	157	101	
PH 0	60	157	102	

Size	Blade length mm	Total length mm	63086	...
PH 1	80	177	103	

63088

Precision engineering/electronics Phillips screwdrivers PZ



Design

- Multi-component Kraftform micro handle with anti-roll protection and rotating cap for lightning-fast twisting
- Blade: Round, micro matt, black point

Tip:

DIN 5260-PZ, ISO 8764-PZ.

Applications

Pozidriv Phillips-head screws.

63088



Size	Blade length mm	Total length mm	63088	...
PZ 0	60	157	101	

Size	Blade length mm	Total length mm	63088	...
PZ 1	80	177	102	

63091

Precision engineering/electronics TORX® B0-s-screwdrivers



Design

- Multi-component Kraftform micro handle with anti-roll protection and rotating cap for lightning-fast twisting
- Blade: Round, micro matt, black point
- From size T7 TORX® B0-s.

Applications

Internal TORX® screws with locking pin
(B0 = with hole).

63091



Size	Blade length mm	Total length mm	63091	...
T 1	40	137	097	
T 2	40	137	098	
T 3	40	137	099	
T 4	40	137	100	
T 5	40	137	101	
T 6	40	137	102	

Size	Blade length mm	Total length mm	63091	...
T 7 B0	60	157	103	
T 8 B0	60	157	104	
T 9 B0	60	157	105	
T 10 B0	60	157	106	
T 15 B0	60	157	107	

63094

Precision engineering/electronics hexagon socket screwdrivers



Design

- Multi-component Kraftform micro handle with anti-roll protection and rotating cap for lightning-fast twisting
- Blade: Round, micro matt, black point

63094



Size mm	Blade length mm	Total length mm	63094	...
0.7	40	137		101
0.9	40	137		102
1.3	40	137		103
1.5	60	157		104

Size mm	Blade length mm	Total length mm	63094	...
2.0	60	157		105
2.5	60	157		106
3.0	60	157		107

63095

ESD precision screwdrivers



Design

- High-quality ESD precision screwdrivers with rotating cap and two-component handle with soft casing
- Integrated anti-roll protection at the transition to the blade, prevents unintended rolling away of the screwdriver
- Black tip for a precise fit and secure grip
- Blade made from chrome-molybdenum-vanadium enables performance data up to 100% above DIN
- Hanging hole for convenient tool storage
- Anti-static, electrically-conductive –dissipative to protect electrostatically sensitive components

Quality

Chrome-molybdenum-vanadium alloy.

63095 100

Design

- Set in a special ESD plastic box for safe tool storage

63095 100



Contents 1 piece each	Design	63095	...
⊖ 0.23 x 1.5/0.40 x 2.0/0.40 x 2.5/0.50 x 3.0 mm	in ESD plastic box		100
⊕ PH 00x60/PH 0x60			

Blade thickness x Width mm	Blade length mm	Total length mm	63095	...
0.23 x 1.5	60	162		101
0.40 x 2.0	60	162		102
0.40 x 2.5	60	162		103
0.50 x 3.0	60	162		104

Size	Blade length mm	Total length mm	63095	...
PH 00	60	162		105
PH 0	60	162		106
PH 1	75	177		107

Size mm	Blade length mm	Total length mm	63095	...
1.5	60	162		108
2.0	60	162		109
2.5	75	177		110
3.0	75	177		111



63095 101-104



63095 105-107



63095 108-111



Special tools / PPE

63099

ESD/EGB screwdriver set (6 pieces)



63099



Design

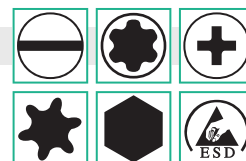
- Multi-component Kraftform micro handle with anti-roll protection and rotating cap for lightning-fast twisting
- Blade: Round, micro matt, black point



Contents 1 piece each	Design	63099	...
⊖ 0.23 x 1.5/0.25 x 1.2/0.3 x 1.8/0.4 x 2.5 mm	in rack		101
⊕ PH 0x60/PH 1x80			

63100

ESD precision screwdriver set with interchangeable bits



63100



Design

- **20 pieces**, consisting of 1 handheld bit holder and 19 interchangeable bits (bit length 44 mm)
- Bit holder suitable for accommodating bits with 4 mm half moon or HIOS drive
- Handle made from material with electrical surface resistance of less than 10 to the power of 9 ohm
- Handle/interchangeable blade system to replace blades in seconds
- Kraftform micro handle with rotating cap for lightning-fast twisting

Applications

For manual and machine-operated screw connections.



Contents 1 piece each	Design	63100	...
⊖ 0.23 x 1.5/0.40 x 2.0/0.50 x 3.0	in folding pouch		101
⊕ PH 00/ PH 0 / PH 1			
⬢ Hex-Plus size 1.5/2			
⬠ TORX® TX 1/ 2/ 3/ 4/ 5/ 6			
⬠ TORX® Plus IP 1/2/ 3/4			
Five lobe IPR 1			

52445

ESD/EGB Phillips screwdrivers PH



52445



Design

Tip: DIN 5260 PH, ISO 8764 PH. Round blade, black point tip, handle with anti-roll protection. With rotating cap for lightning-fast twisting.

Applications

For Phillips cross recess head screws. For work on electrostatically sensitive electronic components.

Complies with standard EN 100-015 Part 1.

Quality

Blade made from high-alloy special steel.



Size	Blade length mm	Total length mm	52445	...
PH 0	60	157		101
PH 1	80	177		102

ATORN®**Design**

- Joint surfaces polished, phosphated
- Heavy two-component grip covers and double-leaf opening spring

Applications

For work in the electronics industry and precision engineering.

Quality

Tool steel, cutting edges inductively hardened.

63200 100

Set of 6 pieces in a zipped case.

63200 101-104**Design****- DIN ISO 9655**

- Hardness on the head, the joints and handles HRC 44-48
- Cutting edge hardness HRC 56-60

63200 105-110**Design****- DIN ISO 9654**

- Hardness on the head, the joints and handles HRC 38-42
- Cutting edge hardness HRC 62-65

63200 101**63200 100**

Set contents	Design	Length	Art. no.
1 Flat-nose pliers	-	125 mm	63200 101
1 Round-nose pliers	-	125 mm	63200 102
1 Pointed pliers	30° bent	125 mm	63200 103
1 Pointed pliers	straight	125 mm	63200 104
1 Side cutters	with bevel	112 mm	63200 105
1 Side cutters	without bevel	112 mm	63200 106

Content	Set	
6 pieces	63200	100



Description	Design	Length mm	Up to wire diameter medium-hard mm	Up to wire diameter hard mm	Up to wire diameter piano mm	Up to wire diameter copper mm	63200	...
Flat-nose pliers	-	125	-	-	-	-	-	101
Round-nose pliers	-	125	-	-	-	-	-	102
Pointed pliers	Tip 30° bent	125	-	-	-	-	-	103
Pointed pliers	Straight	125	-	-	-	-	-	104
Side cutters	With bevel	112	2	1.2	0.6	-	-	105
Side cutters	Without bevel	112	-	-	-	0.5-2	-	106
Side cutters	With bevel and retaining spring	112	2	1.2	0.6	-	-	107
Side cutters	Without bevel and retaining spring	112	-	-	-	0.5-2	-	108
End cutting nippers	Without bevel	112	-	-	-	0.5-2	-	110

**ATORN®****Design**

- Two-component handle with soft, non-slip thermo-plastic material
- With slip guard
- Inserted double-leaf spring
- Precision box joint, pushed-through (no readjustment required)
- Cutting edges inductively hardened

Applications

For work in the electronics and telecommunications industries as well as in precision engineering, service areas and **areas at risk of electrostatic discharge (ESD)**. EGB protection in accordance with DIN EN 100 015.

63210 311+316**63210 312****63210 313-315****63210 317****63210 318****63210 310**

Description	Design	Length mm	Up to wire diameter medium-hard mm	Up to wire diameter hard mm	Up to wire diameter copper mm	63210	...
Mini side cutters	Pointed head, fine bevel	120	0.8	-	1.5	-	310
Side cutters	Oval head, with bevel	125	1.0	0.4	1.5	-	311
Side cutters	Oval head, with bevel	125	1.0	0.4	1.5	-	312
Side cutters	Pointed head, with bevel	125	1.0	0.3	1.5	-	313
Side cutters	Pointed head, fine bevel	125	1.0	-	1.5	-	314
Side cutters	Pointed head, fine bevel	125	0.8	-	1.5	-	315
Side cutters	Oval head, with bevel	140	1.5	0.7	2.0	-	316
Angled cutters	Straight head, horizontal and vertical operation, fine bevel	120	1.0	0.4	1.2	-	317
Pointed cutters	Slim jaws, fine bevel	130	0.6	-	0.8	-	318

63211

ESD electronics pointed pliers


ATORN®

Design

- Two-component handle with soft, non-slip thermoplastic material
- With slip guard
- Inserted double-leaf spring
- The gripping pliers have no cutting edge and are therefore not inductively hardened
- Precision box joint, pushed-through (no readjustment required)
- Cutting edges inductively hardened

Applications

For work in the electronics and telecommunications industries as well as in precision engineering, service areas and **areas at risk of electrostatic discharge (ESD)**.

EGB protection in accordance with DIN EN 100 015.

63211 101



63211 102



63211 103



63211 104



63211 105



Version	Length mm	63211	...
Pointed jaws, without cut (smooth)	130		101
Pointed short jaws, without cut (smooth)	130		102
Flat jaws, without cut (smooth)	130		103
Round jaws, without cut (smooth)	130		104
Pointed long jaws, with cut	155		105

63212

Cemented carbide ESD electronics side cutters


ATORN®

Design

- With cemented carbide cutting edge
- Two-component handle with soft, non-slip thermoplastic material
- With slip guard
- Inserted double-leaf spring
- Pliers with cemented carbide cutting edges are not inductively hardened
- Precision box joint, pushed-through (no readjustment required)
- Cutting edges inductively hardened

Applications

For extreme requirements in the aerospace industry. In particular for tough nickel, electrodes, diodes and piano wires. For work in the electronics and telecommunications industries as well as in precision engineering, service areas and areas at risk of electrostatic discharge (ESD). EGB protection in accordance with DIN EN 100 015.

63212 101



Design	Length mm	Up to wire diameter medium hard mm	Up to wire diameter hard mm	Up to wire diameter piano mm	63212	...
Oval head, with bevel	125	2.0	1.0	0.6		101

63250

Electronics side cutters

HHW

Design

- **Oval head**, jet black bronzed, polished
- Red plastic-coated arms
- Box joint articulation
- Double-leaf opening spring

63250 101

Design

- With bevel

63250 102

Design

- Without bevel

Applications

For extremely fine electronics work.

Quality

C 60, inductively hardened cutting edges.

63250



Up to wire diameter piano mm	Up to wire diameter hard mm	Up to wire diameter soft mm	Up to wire diameter copper mm	Head thickness mm	Head width mm	Length mm	63250	...
0.4	0.6	1.0	1.2	7.5	11	115		101
-	-	1.0	1.2	7.5	11	115		102

63252

Electronics side cutters



Design

- **Narrow head**, pointed, jet black bronzed, polished
- Red plastic-coated arms
- Box joint articulation, double-leaf opening spring

Applications

For extremely fine electronics work.

Quality

C 60, inductively hardened cutting edges.

63252 101

Design

- With 1/2 bevel

63252 102

Design

- Without bevel

63252



Up to wire diameter hard mm	Up to wire diameter soft mm	Up to wire diameter copper mm	Head thickness mm	Head width mm	Length mm	63252	...
0.4	1.0	1.0	10	11	115	101	
-	1.0	1.0	10	11	115	102	

63255

Electronics holding side cutters



Design

- **Oval head**, with wire holder, mini bevel, jet black bronzed, polished
- Red plastic-coated arms
- Box joint articulation
- Double-leaf opening spring

Applications

For extremely fine electronics work.

Quality

C 60, inductively hardened cutting edges.

63255



Up to wire diameter hard mm	Up to wire diameter soft mm	Up to wire diameter copper mm	Head thickness mm	Head width mm	Length mm	63255	...
0.4	1.2	1.2	7.5	11	115	101	

63258

Electronics angled end cutting nippers



Design

- **Oval head**, with wire holder, mini bevel, jet black bronzed, polished
- Red plastic-coated arms
- Box joint articulation
- Double-leaf opening spring

Applications

For extremely fine electronics work.

Quality

C 60, inductively hardened cutting edges.

63258



Up to wire diameter soft mm	Up to wire diameter copper mm	Head thickness mm	Head width mm	Length mm	63258	...
1.2	1.4	7	10	115	101	

63270

Electronics side cutters DIN/ISO 9654



Design

- **Very slim shape**
- Narrow head, bronzed, anti-glare
- Handles with plastic sleeves
- Captive, friction-free double leaf opening spring

Applications

For extremely fine work on electronic components.

Quality

Special tool steel, inductively hardened precision cutting edges. Approx. 64 HRC.

63270 101

Design

- With chamfer

63270 102

Design

- With chamfer and wire clamp

63270 103

Design

- With a small chamfer, for flush cutting

63270 101



Up to wire diameter piano mm	Up to wire diameter hard mm	Up to wire diameter soft mm	Up to wire diameter copper mm	Head thickness mm	Head width mm	Length mm	63270	...
0.4	0.6	1.0	1.3	6.5	10.5	125	101	
0.4	0.6	1.0	1.3	6.5	10.5	125	102	
0.3	0.4	0.9	1.3	6.5	10.5	125	103	

63270 102



63270 103



63271

Electronics side cutters

KNIPEX

63271 100-105+107

Design

- With two-colour multi-component grip covers
- Robust, clearance-free box joint
- Low-friction double spring for smooth, even opening action
- Combined with a fine oil film, the mirror polish offers good rust protection - no interference in the circuit due to flaking chrome parts
- Cutting edges additionally inductively hardened
- Special-grade tool steel, forged, oil-hardened

Applications

Precision pliers for extremely fine cutting work e.g. in electronics and precision engineering.

Quality

Special tool steel, oil-hardened and annealed.

63271 100

Design

- Round head, with small chamfer
- Blade hardness approx. 62 HRC

63271 101

Design

- Round head, with chamfer
- Blade hardness approx. 62 HRC
- With wire clamp - no uncontrolled displacement of wire sections

63271 102

Design

- Round head, without chamfer
- Blade hardness approx. 57 HRC

63271 103

Design

- Pointed head, with small chamfer
- Blade hardness approx. 62 HRC

63271 105

Design

- Pointed mini-head, with small chamfer
- Blade hardness approx. 62 HRC

63271 107

Design

- Pointed head, without chamfer
- Blade hardness approx. 62 HRC

63271 106

Design

- Lap joint
- With two-colour multi-component grip covers
- With sharp, precisely closing cutting edges for soft wire, hard wire and piano wire
- Cutting edges additionally inductively hardened
- Blade hardness approx. 63 HRC

Quality

Vanadium electric steel, forged, oil-hardened



63271 100



63271 101



63271 102



63271 103



63271 105



63271 107



63271 106

Up to wire diameter hard mm	Up to wire diameter soft mm	Up to wire diameter copper mm	Head thickness mm	Head width mm	Length mm	63271	...
0.6	1.2	1.6	7.5	11.0	115	100	
0.6	1.2	1.6	7.5	11.0	115	101	
-	1.0	1.3	7.0	11.0	115	102	
0.5	1.0	1.3	7.5	11.0	115	103	
-	-	0.8	6.0	9.5	115	105	
-	1.3	1.6	9.5	15.0	130	107	
-	-	2.5	9.0	14.5	125	106	

63272

ESD electronics side cutters



KNIPEX

Design

- Electrically-conductive - dissipative
- Precision box joint, pushed-through
- Low-friction double spring for smooth, even opening action
- Combined with a fine oil film, the mirror polish offers good rust protection - no interference in the circuit due to flaking chrome parts
- Cutting edges additionally inductively hardened, cutting edge hardness approx. 62 HRC
- Grips with two-colour multi-component grip covers black/grey

Applications

Precision pliers for extremely fine cutting work e.g. in electronics and precision engineering.

Quality

Special-grade tool steel, fully oil-hardened and annealed.

63272 101

Design

- Round head, with small chamfer

63272 102

Design

- Pointed head, without chamfer

63272 107

Design

- Pointed mini-head with small chamfer



63272 101



63272 102



63272 107

Up to wire diameter hard mm	Up to wire diameter soft mm	Up to wire diameter copper mm	Head thickness mm	Head width mm	Length mm	63272	...
0.6	1.2	1.6	7.5	11.0	115	101	
-	0.8	1.3	7.0	11.0	115	102	
-	-	0.8	6.0	9.5	115	107	

63273

Electronics side cutters DIN/ISO 9654

KNIPEX

Design

- Heavy-duty design, polished
- Handles with plastic sleeves,
- Box joint

- Captive, friction-free double leaf opening spring
 - With wire clamp and chamfer
- Quality**
Special-grade tool steel, cutting edges additionally inductively hardened, approx. 62 HRC.

63273



Up to wire diameter hard mm	Up to wire diameter soft mm	Up to wire diameter copper mm	Head thickness mm	Head width mm	Length mm	63273	...
0.6	1.2	1.6	7.5	11	115		101

63274

Electronics end (angled) cutting nippers DIN/ISO 9654

KNIPEX

Design

- Head mirror-polished
- Handles with two-colour multi-component grip covers
- Precision box joint, pushed-through
- Low-friction double spring for smooth, even opening action
- Combined with a fine oil film, the mirror polish offers good rust protection - no interference in the circuit due to flaking chrome parts.

Applications

Precision pliers for extremely fine cutting work e.g. in electronics and precision engineering.

Quality

Special-grade tool steel, forged, oil-hardened.
Cutting edges additionally inductively hardened, approx. 56 HRC.

63274 101

63274 101

End angled cutting nippers

Design

Short head, without chamfer, cutting edge angle 27°.

63274 102

End cutting nippers

Design

With chamfer, cutting edge angle 90°.



63274 102

Up to wire diameter hard mm	Up to wire diameter medium hard mm	Up to wire diameter soft mm	Head thickness mm	Head width mm	Length mm	63274	...
-	-	1.3	7.0	10.5	115		101
0.6	1.0	2.0	7.5	11.0	115		102

63275

Electronics side cutters electronics Super Knips® DIN/ISO 9654

KNIPEX

Design

- Grips with two-colour multi-component grip covers
- Play-free joint
- Ground, very sharp cutting edges without bevel for flush cutting
- With opening spring and opening limiter

63275 101-103

Design

- Bare head

Applications

For soft wire.

Quality

Stainless steel.

Cutting edge hardness approx. 54 HRC.

63275 102

Design

- With wire clamp

63275 103

Design

- Cutting edge angled 60°

63275 105-106

Design

- Cutting edges additionally inductively hardened
- Head bronzed
- Anti-glare

Quality

Special tool steel.

Cutting edge hardness approx. 64 HRC.

63275 105

Applications

For hard and soft wire.

63275 106

Design

- With wire clamp

Applications

For hard and soft wire.

Also suitable for cutting fibre-optic cables.

63275 107

Design

- Joint with stainless steel rivet
- Cutting edges additionally inductively hardened
- Extremely smooth action for fatigue-free work
- With narrow head

Applications

For extremely fine cutting work, e.g. in electronics and precision engineering.

Quality

Special tool steel, bronzed.

Cutting edge hardness approx. 60 HRC.

63275 101



63275 102



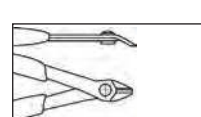
63275 103



63275 105



63275 106



63275 107

Up to wire diameter piano mm	Up to wire diameter medium hard mm	Up to wire diameter soft mm	Length mm	Jaw length mm	63275	...
-	1.0	0.2-1.6	125	9.0		101
-	1.0	0.2-1.6	125	9.0		102
-	0.6	0.2-1.0	125	5.5		103
0.6	1.2	0.2-1.6	125	9.0		105
0.6	1.2	0.2-1.6	125	9.0		106
-	-	0.2-1.0	125	9.0		107



63276

ESD side cutters Super-Knips



Design

- **Electrically-conductive handles –dissipative**
- Grips with two-colour multi-component grip covers black/grey
- Ground, very sharp cutting edges **without bevel** for flush cutting
- Precisely shaped tips also cut attached wires from a diameter of 0.2 mm
- Joint with stainless steel rivet
- Extremely smooth action for fatigue-free work
- With opening spring and opening limiter

Applications

Precision pliers for extremely fine cutting work e.g. in electronics and precision engineering.

63276 101

Design

- INOX - stainless steel
- Blade hardness approx. 54 HRC
- Special tool steel, polished

63276 105

Design

- Cutting edges additionally inductively hardened
- Blade hardness approx. 64 HRC
- Special tool steel, bronzed

63276 106

Design

- INOX - stainless steel
- Blade hardness approx. 54 HRC
- Special tool steel, polished
- With wire clamp - no uncontrolled displacement of wire sections

63276 107

Design

- Cutting edges additionally inductively hardened
- Blade hardness approx. 64 HRC
- Special tool steel, bronzed
- With wire clamp - no uncontrolled displacement of wire sections



63276 101



63276 105



63276 106



63276 107

Up to wire diameter hard mm	Up to wire diameter soft mm	Up to wire diameter copper mm	Head thickness mm	Head width mm	Length mm	Without wire clamp		With wire clamp	
						63276	...	63276	...
-	1.0	1.6	7.5	13.5	125		101		106
0.6	1.2	1.6	7.5	13.5	125		105		107

63285

Electronics side cutters



Design

- Grip covers made from cellulose acetate
- Nickel-plated, chrome-plated, high-gloss polished
- With opening spring
- Wear-free screw joint

Quality

SKF special steel,
cutting edges inductively hardened.

63285



Design	Up to wire diameter hard mm	Up to wire diameter copper mm	Length mm	63285	...
Very slim shape, cutting edge angled 12°, with bevel	0.25	1.25	110.0		102
Slim shape, rounded head, with bevel	0.50	1.25	110.0		104
Heavy-duty model, cutting edge angled 12°, with bevel	0.70	1.60	125.0		106
Heavy-duty model, cutting edge angled 12°, without bevel	-	1.60	125.0		107

63288

Electronics side cutters



Design

- Grip covers made from cellulose acetate
- Nickel-plated, chrome-plated, high-gloss polished
- Very slim shape
- Pointed jaws
- With clamping spring
- Without bevel

Quality

SKF special steel,
Inductively hardened blades.

63288



Up to wire diameter hard mm	Up to wire diameter copper mm	Length mm	63288	...
-	1.0	110		103

63292**Electronics side cutters****> LINDSTROM®****Design**

- Pointed jaws
- Black bronzed

- Overlaid precision joint with screw connection
- Plastic grip covers
- With opening spring

Quality

High-alloy ball bearing steel.

63292

Design	Up to wire diameter copper mm	Length mm	63292	...
With bevel	1.25	110		201
With fine bevel	1.25	110		200
Without bevel	1.00	110		202

**63293****Electronics side cutters****> LINDSTROM®****Design**

- Pointed, fluted jaws
- Black bronzed

- Overlaid precision joint with screw connection
- Plastic grip covers
- With opening spring

Quality

High-alloy ball bearing steel.

63293

Design	Up to wire diameter Copper mm	Length mm	63293	...
With small bevel	1.0	110		102
Without bevel	0.8	110		103

**63295****Electronics side cutters****> LINDSTROM®****Design**

- Oval jaws
- Black bronzed

- Overlaid precision joint with screw connection
- Plastic grip covers
- With opening spring

Quality

High-alloy ball bearing steel.

63295

Design	Up to wire diameter Spring steel mm	Up to wire diameter copper mm	Length mm	63295	...
With bevel	0.4	1.60	112.5		101
With small bevel	-	1.60	112.5		102
Without bevel	-	1.25	112.5		103

**63296****Electronics side cutters****> LINDSTROM®****Design**

- Oval jaws
- Black bronzed

- Overlaid precision joint with screw connection
- Plastic grip covers
- With opening spring

Quality

High-alloy ball bearing steel.

63296

Design	Up to wire diameter Piano mm	Up to wire diameter copper mm	Length mm	63296	...
With bevel	0.4	2.0	125		101
With small bevel	-	2.0	125		102
Without bevel	-	1.6	125		103

**63297****Electronics side cutters****> LINDSTROM®****Design**

- Pointed jaws
- Black bronzed

- Overlaid precision joint with screw connection
- Plastic grip covers
- With opening spring

Quality

High-alloy ball bearing steel.

63297

Design	Up to wire diameter Spring steel mm	Up to wire diameter copper mm	Length mm	63297	...
With bevel	0.4	2.0	125		101

**63298****Electronics angled end cutting nippers****> LINDSTROM®****Design**

- Jaws black bronzed
- With small bevel, angled at 45°

- Overlaid precision joint with screw connection
- Plastic grip covers
- With opening spring

Quality

High-alloy ball bearing steel.

63298

Design	Up to wire diameter Copper mm	Length mm	63298	...
With small bevel	0.8	117.5		103



63299

Precision electronics side cutters DIN ISO 9654/9655

KNIPEX

Design

- Ergonomic two-component grip cover
- With opening spring
- Precision-ground joint surfaces
- Very precisely ground, sharp cutting edges with very small bevels for exact cuts on delicate electronic components
- Cutting edges additionally inductively hardened
- Cutting edge hardness approx. 64 HRC

Applications

For extremely fine cutting work, e.g. in electronics and precision engineering. Designs without bevel for flush cutting.

Quality

Made from chrome-vanadium ball-bearing steel, forged.

63299 101



Design	Up to wire diameter hard mm	Up to wire diameter medium mm	Up to wire diameter soft mm	Length mm	63299	...
Round head with fine bevel	0.7	1.3	0.2-1.7	125		101
Pointed head with fine bevel	0.6	1.1	0.2-1.5	125		103
Mini-head without bevel	-	0.8	0.1-1.3	120		106

63299 103



63299 106



63301

ESD precision electronics side cutters and gripping pliers


KNIPEX

63301 101-103

ESD precision electronics side cutters

Design

- Pliers with small bevels for precise cuts even on delicate electronic components
- Cutting edges additionally inductively hardened
- Blade hardness approx. 64 HRC
- Design electrically-conductive, dissipative
- Two-colour multi-component ESD grip covers

63301 107

ESD precision electronics gripping pliers

Design

- Electrically-conductive, dissipative
- Two-colour multi-component ESD grip covers
- Smooth ground gripping surfaces
- Fine rounded edges

Applications

For assembly work, e.g. in electronics and precision engineering. For gripping, holding and bending.

Quality

Made from chrome vanadium ball bearing steel, head bronzed.

63301 101



63301 102



63301 103



Applications

For extremely fine cutting work e.g. in electronics and precision engineering. Designs without bevel for flush cutting.

Quality

Made from chrome vanadium ball bearing steel, head bronzed.

Design	Up to wire diameter hard mm	Up to wire diameter medium mm	Up to wire diameter soft mm	Length mm	63301	...
Round head with very small bevel	0.7	1.3	0.2-1.7	125		101
Round head without bevel	-	1.0	0.1-1.7	125		102
Pointed head with very small bevel	0.6	1.1	0.2-1.5	125		103
Flat, wide jaws	-	-	-	135		107

63301 107



63315 - 63316

Electronics and ESD gripping pliers



Design

- Precision box joint, pushed-through
- Smooth ground gripping surfaces
- Edges carefully deburred
- Low-friction double spring for smooth, even opening action
- Combined with a fine oil film, the mirror polish offers good rust protection - no interference in the circuit due to flaking chrome parts
- Handles with two-colour multi-component grip covers

Applications

Precision pliers for extremely fine assembly work e.g. in electronics and precision engineering, for gripping, holding and bending.

Quality

Special tool steel, oil-hardened and annealed.

63315 101

- Flat, wide jaws

63315 102

- Flat, round jaws

63315 103

- Round, pointed jaws

63315 104

- 45° angled, flat, round jaws

63315 105

- Straight jaws

63315 106

- Angled jaws

63316 101

- Electrically-conductive - dissipative

- Flat, wide jaws

63316 102

- Electrically-conductive - dissipative

- Flat, round jaws

63316 103

- Electrically-conductive - dissipative

- Round, pointed jaws

63316 104

- Electrically-conductive - dissipative

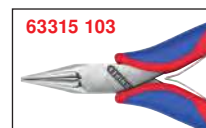
- 45° angled, flat, round jaws



63315 101



63315 102



63315 103



63315 104



63315 105



63315 106



63316 101



63316 102



63316 103



63316 104

Length mm			ESD	
	63315	...	63316	...
115		101		101
115		102		102
115		103		103
115		104		104
145		105		
145		106		

63320

Electronics flat-nose pliers



Design

- Smooth jaws, jet black etched, polished
- Red plastic-coated arms
- Box joint articulation
- Double-leaf opening spring

Quality

C 45.



63320 102



63320 101

Jaws	Jaw length mm	Total length mm	63320	...
short	23	120		101
long	40	145		102

63323

Electronics pointed pliers



Design

- Smooth jaws, jet black etched, polished
- Red plastic-coated arms
- Box joint articulation
- Double-leaf opening spring

Quality

C 45.



63323 102



63323 101

Jaws	Jaw length mm	Total length mm	63323	...
short	23	120		101
long	38	145		102
Needle shaped, long	38	145		104
45° bent	23	120		105



63323 104



63323 105



63355

ESD electronics pliers set



Design

- In synthetic leather case
- With precision box joint and captive, low-friction double spring
- With two-colour multi-component grip covers, electrically-conductive

Applications

For work in the electronics and telecommunications industries as well as in precision engineering, service areas and **areas at risk of electrostatic discharge (ESD)**.

63355



Set contents	Design	Length
1 Gripping pliers	Flat wide jaws	115 mm
1 Gripping pliers	Flat round jaws	115 mm
1 Gripping pliers	Flat round jaws 45° angled	115 mm
1 Side cutters	Round head, with small bevel	120 mm
1 Side cutters	Pointed head, with small bevel	115 mm
1 Angled end cutting nippers	With small bevel	115 mm

Content	63355	...
6 pieces		101

63380

Electronics side cutters DIN ISO 5749



Design

- Oval jaws
- Bronzed
- Computer-ground cutting edges and jaws
- With opening spring and clamping springs to hold cut pieces of wire

Applications

For work in precision engineering, electronics and telecommunications.

Quality

High-performance tool steel, cutting edges inductively hardened 58-60 HRC.

63380



Design	Up to wire diameter copper mm	Length mm	Head thickness/width mm	63380	...
With bevel	0.3-1.5	120	6.8/11		101
Fine bevel	0.3-1.5	120	6.8/11		102

63385

Electronics angled end cutting nippers DIN ISO 5748



Design

- Bronzed
- Computer-ground cutting edges and jaws
- With opening spring

Applications

For work in precision engineering, electronics and telecommunications.

Quality

High-performance tool steel, cutting edges inductively hardened 58-60 HRC.

63385



Design	Up to wire diameter copper mm	Length mm	Head thickness/width mm	63385	...
Fine bevel	0.3-1.25	119	6.8/10		101



63400

Tweezers sets



Design

In synthetic leather case, length approx. 145 mm.

Quality

Stainless steel, anti-glare.

63400 201



63400 202



	63400...	201	202
1 Fitting tweezers for vertical components		X	X
1 Fitting tweezers for horizontal components		X	X
1 Fitting tweezers for diagonal components		X	X
1 Fitting tweezers for flat components		X	X
1 Unsoldering tweezers with gripper for pulling out components that are stuck		X	X
1 Gripping pincers for flat components such as platelet condensers, etc.		X	
1 Cold tweezers, cold jaws made from copper, anti-magnetic		X	
1 Precision engineering tweezers, hollow point, straight			X
1 Precision engineering tweezers, flat, fine tapering point, straight			X
1 Pointed tweezers, with serrated back and points, straight			X
1 Gripping pincers, heavy-duty design, rounded grip ends, rough teeth, straight			X
1 Mounting tweezers, with guide pin, serrated gripper, bent			X

Content	63400	...
7 pieces		201
10 pieces		202

63403 - 63405

Universal tweezers



Quality

Nickel-plated steel.

63405 101

Sensitive, slim tip 1.5 mm, serrated with guide pin, bent.

63403 101-102

Sensitive, round, serrated tip 3 mm, straight.

63405 102

Plastic-coated up to the tip, red, without guide pin.

63403 103

Plastic-coated up to the tip, red.

Length mm	63403	...	63405	...
120		101		
145		102		
145		103		
155				101
155				102

63403 101-102



63403 103



63405 101



63405 102



63410

Precision tweezers



Design

- Sensitive spring-loaded
- Wide jaws
- Fine long tips

63410 101

Quality

Nickel-plated steel.

63410 102

Quality

Stainless steel, non-magnetic.

Length mm	63410	...
130		101
130		102

63410



63412

Precision tweezers, Touch Point



Design

- Touch Point = Ergonomic grip pads that reduce the amount of force required by approximately 33%. Bending forces on the tip of the tweezers and the components held are reduced
- Advantage when working with a limited field of view (work magnifying glasses, microscopes): The tweezers can be added without even looking, the proper grip position is found immediately

63412 101

Watchmaker tweezers

Design

- Straight, fine long tips, anti-glare matt

63412 102

Precision tweezers

Design

- Flat, fine long tips, anti-glare matt

63412 103

Electronics tweezers

Design

- Curved fine long tips with roll-bending, anti-glare matt

Length mm	63412	...
108		101
130		102
122		103

63412 101



63412 102



63412 103



Tweezers

63415

Titanium electronics tweezers



Design

- Extremely lightweight
- Electrically-conductive
- High degree of mechanical resilience
- Corrosion resistant to aggressive acids
- 100% anti-magnetic
- Anti-glare matt

Quality

Titanium, rust-free.

63415 101

Titanium electronics tweezers

Design

- Pointed

63415 102

Titanium universal tweezers

Design

- Pointed, bent
- Fine version, with pin

63415 103

Titanium watchmaker tweezers

Design

- Straight
- Fine tips

63415 101

63415 102

63415 103



Length mm	63415	...
120		101
155		102
108		103

63417

ESD precision tweezers



63417 101

ESD watchmaker tweezers

Design

- Bent
- Fine tips
- ESD safe

63417 102

ESD electronics tweezers

Design

- Pointed
- ESD safe

63417 103

ESD electronics tweezers

Design

- Roll-bending
- Anti-glare matt
- ESD safe

63417 101

63417 102

63417 103



Length mm	63417	...
108		101
120		102
122		103

63420 - 63430

Cross locking soldering tweezers



Quality

Nickel-plated steel.

63420

Design

- Wide, spatula-shaped tip
- Straight and serrated

63425

Design

- Fine tip, bent
- Heat dissipation guard made from plastic

63430

Design

- Straight, wide tip, rounded
- Soldered copper jaws, heat dissipating

63420

63425

63430



Length mm	63420	...	63425	...	63430	...
160			101		101	101

63450

Precision watchmakers tweezers



Design

- Sensitive spring-loaded
- Hardened spring and tips
- Rust-free

63450 101

Design

- Non-magnetic
- Straight, pointed

Quality

Special steel.

63450 108

Design

- Bent tip

Quality

Austenitic steel.

63450 101

63450 108



Length mm	63450	...
120		101
105		108

63455

Precision tweezers



Design

- Sensitive spring-loaded
- Hardened spring and tip

Quality

Special steel.

63455 101

Design

- Hollow point, polished

63455 102

Design

- Polished

63455 103

Design

- Polished
- Tip width 2 mm

63455



Length mm	63455	...
112		101
127		102
120		103

63460

Jewellers tweezers



Design

- Sensitive spring-loaded
- Hardened spring and tip
- With rounded tips
- Jaws with fine teeth

Quality

Special steel.

63460 101+103

Design

- Polished and nickel-plated

63460 102

Design

- Plastic-coated up to the tip, red

63460 101+103



63460 102



Length mm	63460	...
140		101
140		102
160		103

63465

Precision engineers tweezers



Design

- Sensitive spring-loaded
- Hardened spring and tip
- Rounded jaws with fine teeth

Quality

Special steel.

63465 101-105



63465 106-108



Version	Length mm	63465	...
Polished and nickel-plated	120		101
Polished and nickel-plated	145		102
Polished and nickel-plated	200		103
Rust-free, non-magnetic	145		105
Plastic-coated up to the tip, red	120		106
Plastic-coated up to the tip, red	145		107
Plastic-coated up to the tip, red	200		108

63470 - 63475

Precision tweezers



Quality

Special steel.

63470

College model

Design

- Side angled
- Finely serrated
- Hardened tip

63470 103

Design

- Rust-free
- Non-magnetic

63470 104

Design

- Polished, nickel-plated
- Active part hardened

63470 105

Design

- Plastic-coated up to the tip, red

63475

Cross tweezers

Design

- Spring hardened
- Polished, nickel-plated

63470 103



63470 105



63475 101



Length mm	63470	...	63475	...
150		103		
150		104		
150		105		
155				101

63482

Electronics fitting tweezers



Design

Smooth gripping surfaces.

Applications

For inserting and desoldering electronic components.

Quality

Stainless steel, anti-glare.



63482 101



63482 102



63482 103

For component diameter mm	Length mm	63482	...
vertical 2.5-5	145	101	
horizontal 2.5-5	145	102	
diagonal 2.5-5	145	103	

63483

ESD fitting tweezers



63483 101

Design

Diameter 3.5 mm horizontal, anti-glare matt,
ESD safe.

63483 102

Design

Diameter 1.5 mm diagonal, anti-glare matt,
ESD safe.

Length mm	63483	...
120	101	
120	102	



63483 101



63483 102

63485

Electronics fitting tweezers



Design

- Wide gripping surfaces

Quality

Stainless steel, anti-glare.

63485 101

Applications

For flat components, e.g. platelet condensers

63485 102

Design

- Soft-coated gripping surfaces

- Temperature-resistant up to approx. 350°C

Applications

For ceramic components.

Length mm	63485	...
145	101	
145	102	



63485 101



63485 102

63492

Electronics unsoldering tweezers



Design

- With grippers

Applications

To pull out stuck, round or cubic components up to
10 mm.

Quality

Stainless steel.

Length mm	63492	...
145	101	



63492

63497

Magnifying tweezers



Design

- Hardened tips
- Magnifying glass diameter 30 mm
- Magnification 3 1/2 to 4 times

Quality

Special steel.

Length mm	63497	...
120	101	



63497

63499

Clamping tongs



Design

- Long hold
- Lockable with catch

Applications

Especially suitable for assembly work.

Quality

Stainless steel.

Length mm	63499	...
145	101	



63499

63614

ESD table trolley



63614 101

Table trolley SAP-507-ESD

- Base made from powder-coated steel profiles
- Table top 26 mm, resistant to heat, solder, acids and solvents
- Particle board core coated with ESD laminate
- Earthing occurs via a safety resistor
- Height-adjustable with hexagon socket screws from 650-900 mm
- With 4 steering rollers 100 mm, 2 of which are conductive and 2 with locking devices

Note:

Supplied without bottom plate (art. no. 63614 102).

63614 102

Bottom plate AT-507-ESD

For table trolley SAP-507 (art. no. 63614 101).



63614

Type	Capacity kg	Colour RAL	63614	...
Table trolley	SAP-507-ESD	150	7045	101
Bottom plate	AT-507-ESD	-	-	102

63615

ESD swivel chair



Design

- 5 star cross base with soft, load-dependent braked, conductive rollers
- Safety gas spring
- Durable and conductive upholstery on the seat and backrest
- Upholstery covers can be cleaned with commercially available cleaning agents

Standard seat height mm	Colour Upholstery	63615	...
400-530	grey		101



63615

63625

ESD easy-view storage bin



Design

- Made from conductive polypropylene
- Corrugated base and large opening ensure convenient access

External dimensions H x W x D mm	63625	...
75 x 105 x 165		101



63625

63641

ESD bags SX10



Design

- Bags made from low-charging LDPE film
- Complies with requirements in line with DIN EN 61340-5-1
- Resealable using welded-in zip closure

Width x length mm	Pack = piece	63641	...
203 x 254	100		102
254 x 305	100		103



63641

63655 - 63656

ESD table covering set



63655

ESD table covering set

Design

- Table mat grey 600 x 900 mm, with 2 press studs 10 mm
- Textile adjustable wrist strap, with 10 mm press stud
- Easy-coil cable 1.8 m, 10 mm press stud/banana plug
- Banana plug adapter with 10 mm press stud
- Earthing cable 3 m (with 1 megohm safety resistor), black, 10 mm press stud and eyelet

63656

ESD table mat cleaner

Design

- Cleaning agent for dissipative and conductive surfaces
- Problem-free cleaning for conventional soiling
- Supplied in a 1 litre spray bottle

Type	Colour	63655	...	63656	...
Table covering set	grey		201		
Table mat cleaner	-				101



63656

63670

ESD wrist straps



63670 101

Textile wrist strap

Design

- 10 mm DK
- Adjustable to fit any wrist size
- Anti-allergic, no metal contact
- Colour: blue

63670 102

Textile wrist strap set

Design

- 10 mm DK - banana plug
- Textile strap adjustable to fit any wrist size
- Anti-allergic, no metal contact
- Including spiral cable 1.8 m
- Colour: blue

63670 104

Metal wrist strap set

Design

- 10 mm DK - banana plug
- Adjustable to fit any wrist size
- Replaceable plastic links
- Including spiral cable 1.8 m
- Colour: black

63670 105

Wrist strap earthing cable

Design

- 10 mm DK - 10 mm DK
- 1.8 m easy-coil cable with 1 megohm safety resistor

63670 101



63670 102



63670 104

63670 105



Type	63670	...
Textile wrist strap	101	
Textile wrist strap set	102	
Metal wrist strap set	104	
Wrist strap earthing cable	105	

63680

ESD gloves



Design

- Polyamide fabric
- PU-coated fingertips
- Seam and lint-free
- Pairs

63680



Size	63680	...
S	101	
M	102	
L	103	
XL	104	

63750

ESD brushes



Design

- Conductive plastic handle
- Natural bristles with integrated conductive fibres

63750 102

63750 104



Type	63750	...
Round brush, 8.0 mm	102	
Hard brush, 30.0 mm long	104	