

Accessories

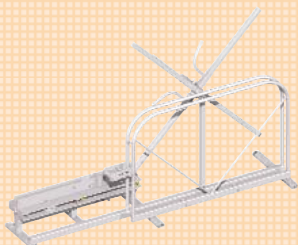
Straightening machines
for round wires and bands,
screws and earth testers



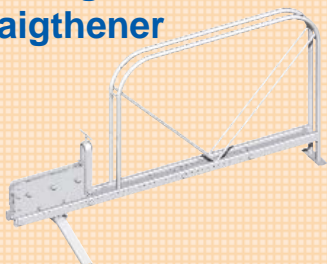
Wire straightener



Universal straightener



Earthing band straightener



Uncoiling device



Adjusting tools



Straightening machines for round wires and bands

Wire straightener without reel.

Specification	Order no.
Technical data:	111 080
Weight: 13 kg	
Consists of 4 aluminum brackets 60 x 60 x 5 x 600 and 10 guide rollers – hardened steel with bronze bushing sleeve. For wire straightening in 2 levels. Guide rollers can be adjusted to different wire hardnesses in 2 levels.	

Universal straightener for wire and bands.

Specification	Order no.
Technical data:	111 082
Straightener (as described above)	
Weight: 45 kg	
Upright wire reel, adjustable to different ring diameters. Straightening and uncoiling of 8 mm wire. Uncoiling of earthing band 30 x 3.5. On request also for 10 mm wire.	

Earthing band straightener with 5 guide rollers.

Specification	Order no.
Technical data:	111 083
Weight: 23 kg	
Length: 1350 mm, width: 120 mm, height: 600 mm. Time-saving installation of earthing band. Uncoil, straighten and install in one step. Very easy handling.	

Uncoiling device for earthing band.

Specification	Order no.
Technical data:	111 084
Weight: 13 kg	
Length: 1000 mm, width: 120 mm, height: 600 mm. Uncoiling, preliminary straightening and installation in one step. Easy, uncomplicated operation. Surplus uncoiled band can be rolled up again.	

Adjusting tools to straighten ø 8 mm wire and to open and loosen the wire from the Niro-Clip and from the patent support.

Specification	Size	Weight	Qty/pack	Order no.
Manual adjusting tool - Steel/galvanized	ø 8	500 g	1	1049
Wire straightening tool made of pipe with straightening pin	ø 8-10	330 g	1	110 245
Band straightening tool made of pipe with straightening pin and croned slot for band	ø 8-10/30	600 g	1	110 246

Plastic shrink sleeve to cover underground lines.

Specification	Size	Qty/pack	Order no.
Shrink sleeve	ø 9-16	25 m	102 208
black	flat 30 x 3.5	25 m	102 209

To protect underground lines from corrosion.

Specification	Size	Qty/pack	Order no.
Corrosion protection tape	50 mm wide	40	1024
in 10 m rolls	100 mm wide	20	1025
Corrosion protection tape	50 mm wide	40	1068
with one-sided protective foil	100 mm breit	20	1069

Prönit, Special concrete with high swellability to improve the earth resistance.

Specification	Qty/pack	Order no.
Powder in sacks (25 kg)	1	111 446

Screws and accessories

Specification	Material	Dimension	Qty/pack
Cylinder head screws with Combi-Cross recessed (alike DIN 84)	Stainless steel	M 6x12	100
	Stainless steel	M 6x20	100
	Stainless steel / coppered	M 6x12	100
	Stainless steel / coppered	M 6x20	100
DIN 933 Hexagon head screw	Stainless steel	M 8x25	100
	Stainless steel	M10x25	100
	Stainless steel / coppered	M 8x25	100
	Stainless steel / coppered	M 10x25	100
DIN 934 Hexagon nuts	Stainless steel	M 6	100
	Stainless steel	M 8	100
	Stainless steel	M10	100
	Stainless steel / coppered	M 6	100
	Stainless steel / coppered	M 8	100
Stainless steel / coppered	M10	100	
DIN 7504 Self drilling screw	Stainless steel	6,3x19 SW10	100
DIN 7981 Sheet metal screw	Stainless steel	6,3x19	100
DIN 127	Stainless steel	ø 8	100
Lock washer	Stainless steel	ø 10	100
DIN 96	Stainless steel	5x60	100
Slotted round head wood screws	Stainless steel	5x70	100
Chipboard screw	Stainless steel	5x60	100
countersunk head	Stainless steel	5x70	100
Plastic anchor	Nylon	8x40	1000
	Nylon	10x50	1000
Plastic anchor with wood screw		8x120	50
Blind rivet with flat head	Stainless steel	4,8x12	500
		5,0x12	500
	Steel/aluminium	4,8x12	500

Another dimension on request.

Plastic shrink sleeve



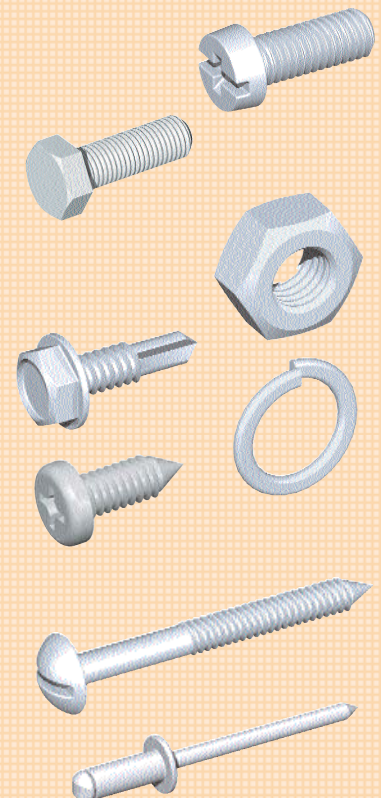
Corrosion protection



“Prönit” special concrete



Screws and accessories



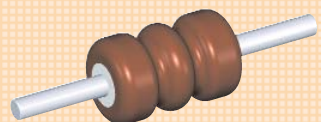
Ohmic and earth resistance tester



Accessory set for earth and earth resistance tester



Protective spark gap



Isolating spark gap



Earth tester

Ohmic and earth resistance tester, or measuring earth resistance.

Specification	Order no.
C.A 6460 - Ohmic and earth resistance tester with digital LCD display	2062
Measuring range: 0,00 ... /2000 W with 3 ranges mit automatical choose of range included	
Measuring frequency: 128 Hz	
Housing: 237 x 247 x 127 mm, IP 53	
Weight: approx. 2,8 kg	
C.A 6462 - Ohmic and earth resistance tester like C.A 6460 but with integrated charger	2062 S
Weight: approx. 3,3 kg	
C.A 6423 earth tester with digital LCD display	2083
Measuring range: 0 ... /1999 Ω switches measuring range automatically	
Measuring frequency: 128 Hz	
Housing: 200 x 136 x 150 mm, IP 54	
Weight: approx. 1.3 kg	

Earth tester case

Specification	Order no.
Earth tester case including: carrying case with 2 earth spikes, 10 m measuring cable, wire coils 1 x 50 m, 1 x 100 m and 1 connection clamp	2063

Spark Gaps

Protective spark gap,

made of porcelain with corrosion-proof \varnothing 8 mm connectors, e.g. for roof racks.

Specification	Size	Qty/pack	Order no.
Technical data	\varnothing 8	25	111 060
Response a.c. voltage (50 Hz) approx. 10 kV			
Response a.c. voltage (50 Hz) approx. 2.5 kV with stainless steel connector \varnothing 10	\varnothing 10	25	111 061

Isolating spark gap to install in lightning protection equipotential bonding system according to DIN VDE 0185. Metal encapsulated with plastic mantle; non-tracking.

Specification	Qty/pack	Order no.
Isolating spark gap	1	111 065
Response a.c. current 100% response lightning impulse voltage (1.2/50)		
Nom. discharge imp. current	U_{aw} < 2.5 kV (50Hz)	
Terminal pin	U_{as100} < 5 kV	
	i_{sn} 100 kA (10/350 μ s)	
	stainless steel \varnothing 8mm	