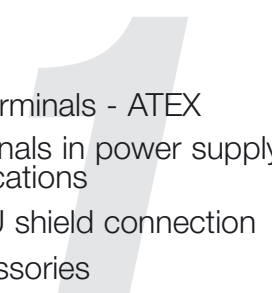


The Weidmüller Catalogue System Industry 2002

Sectional catalogue 1:

Terminals 2002

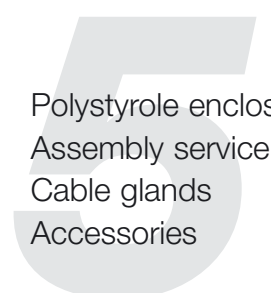
W-Series Ex Terminals - ATEX
Z-Series Terminals in power supply applications
IDC-Series KLBÜ shield connection
SAK-Series Accessories



Sectional catalogue 5:

Enclosures 2002

Mild steel enclosures Polystyrole enclosures
Die cast aluminium enclosures Assembly service
Polyester GRP enclosures Cable glands
Polycarbonate enclosures Accessories



Sectional catalogue 2:

PCB Components 2002

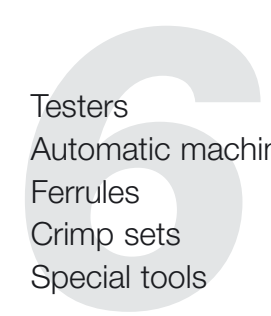
PCB Terminals
PCB Connectors



Sectional catalogue 6:

Tools 2002

Certification of tools Testers
Cutting tools Automatic machines
Stripping tools Ferrules
Crimping tools Crimp sets
Screw driving tools Special tools



Sectional catalogue 3:

Heavy Duty Connectors 2002

HA, HE, HD, HDD, HVE, HSB, DSTVK plus DSTV-HD-Series
ConCept
ModuFlex
HDC-Kits
Single contacts
Accessories
Cable glands



Sectional catalogue 7:

Installation Products 2002

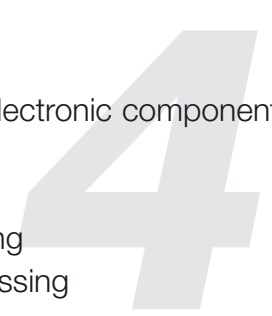
Terminal markers
Conductor and cable markers
Equipment and installation markers
Labels
Marking systems
Cable ties
Installation products



Sectional catalogue 4:

Electronics 2002

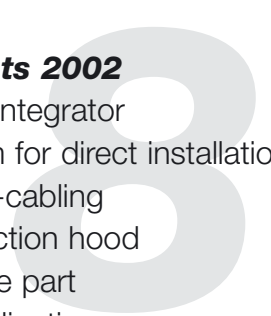
Terminal blocks with electronic components
Interface units
PLC system interface
Digital signal processing
Analogue signal processing
Power supply units
Overvoltage protection
Modules for different functions
Component holders and housings
Markers



Sectional catalogue 8:

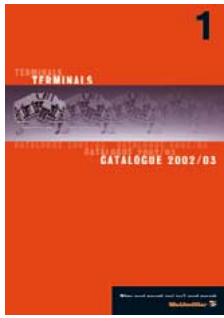
Fieldbus-Components 2002

SAI - Sensor-Actuator-Integrator
A well designed system for direct installation
SAI for passive system-cabling
SAI with plug-in connection hood
Cable available as piece part
SAI - Integrators in applications
SAI - Actuator-Integrator PASSIVE
SAI - Actuator-Integrator ACTIVE
PROFIBUS-PA T-Connector
Typical system layout
Applications



For further information on our worldwide activities please refer to the last pages of this catalogue.

The Weidmüller Catalogue System Industry 2002



Sectional catalogue 1:

Terminals 2002

Cat. No. german: 5629090000
Cat. No. english: 5628980000



Sectional catalogue 5:

Enclosures 2002

Cat. No. german: 5629130000
Cat. No. english: 5629020000



Sectional catalogue 2:

PCB Components 2002

Cat. No. german: 5629100000
Cat. No. english: 5628990000



Sectional catalogue 6:

Tools 2002

Cat. No. german: 5629140000
Cat. No. english: 5629030000



Sectional catalogue 3:

Heavy Duty Connectors 2002

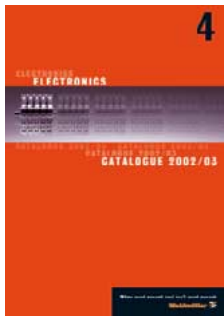
Cat. No. german: 5629110000
Cat. No. english: 5629000000



Sectional catalogue 7:

Installation Products 2002

Cat. No. german: 5629150000
Cat. No. english: 5629040000



Sectional catalogue 4:

Electronics 2002

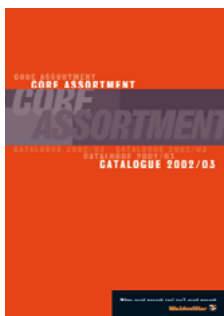
Cat. No. german: 5629120000
Cat. No. english: 5629010000



Sectional catalogue 8:

Fieldbus-Components 2002

Cat. No. german: 5629160000
Cat. No. english: 5629050000



Catalogue

Core Assortment 2002

Cat. No. german: 5629170000
Cat. No. english: 5629060000

Complete set of 8 sectional catalogues. German: Cat.No. 5629200000 / English: Cat.No. 5629190000. Additional: Catalogue slip case only: 5619250000

Ordering hint

We now only use 10-digit catalogue numbers.

Please note: The four digits may refer to a product variation (for example: 102998 0000 = standard and 102998 1111 = associated variation).

Wherever possible, please utilise 10-digit numbers only.

The official Weidmüller-Website contains information about the latest innovations, trade-show dates, press reports, certifications, software demos and much more.

www.weidmueller.com ...

... the address for up-to-date information

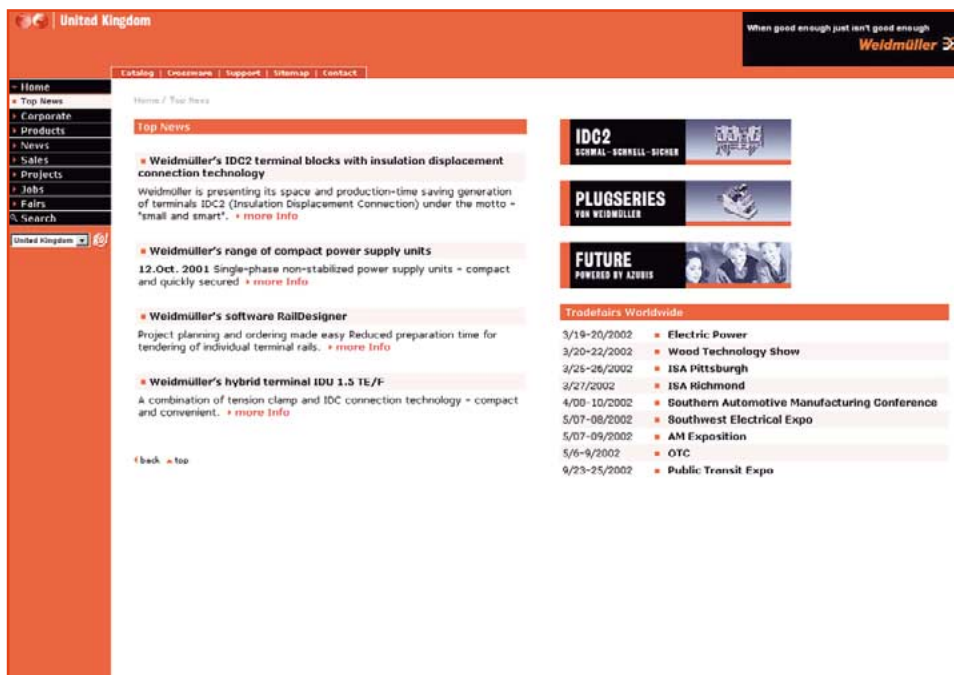


Table of content	Page
Certification	2
Cutting tools	6
Stripping tools	16
Crimping tools	24
Screwdrivers	44
Testers	60
Automatic machines	64
Accessories	72
Ferrules	74
Ferrule boxes	79
Crimp-Sets	80
Special tools	84
Type and catalogue number index	88

Product overview tools

Cutting tools



KT 8

Page 8



KT 12

Page 8



KT 20

Page 9



KTF 25

Page 10



KTF 36

Page 10



KT 36

Page 11



KT 45

Page 11



KT 52

Page 11



KT 60

Page 12



KT 80

Page 13

Stripping tools



stripax®

Page 18



stripax 16®

Page 19



mini-stripax®

Page 20



LWL-stripax®

Page 20



duro-stripax®

Page 20



AM 25 / AM 35

Page 21



AMD 12

AMD 15

Page 21



CST

Page 22



CST vario

Page 22



AM 12

Page 22

Crimping tools



stripax® plus 2,5

Page 26



PZ 1.5

Page 27



PZ 6 HEX

Page 27



PZ 4

Page 28



PZ 6/5

Page 28



PZ 6

Page 28



PZ 6 roto

Page 29



PZ 16

Page 29



PZ ZH 16

Page 29



PZ 50

Page 30



HTF RSV 16/12

HTF DFF

Page 30



HTF ZRV

Page 30



HTF 28 / 48 / 63

Page 31



HTF SUB-D

Page 31



CTX CM 1.6/2.5

CTX CM 3.6

Page 32



CZB 1

Page 32



HTG 58 • HTG 59

HTG 58-59

Page 33



HTX LWL

Page 33



HTX 138/188/230

HTG 174

Page 34



CTX 500/ 501

CTX 502

Page 34

Product overview tools

Crimping tools



HTI 15

Page 35



CTI 6 • CTI 6 S

Page 35



HTN 21

Page 36



CTN 25 D 4 / D 5

Page 36



MTR 35

Page 37



MTR 110

Page 37



MTR 160

Page 37



MTR 300

Page 37



TT 8-GH

Page 39



TT 864 RS WE / TT 1064 RS WE

Page 39



Punch Down Tool / PDT

Page 40

Screwdrivers



DMS 3

Page 46



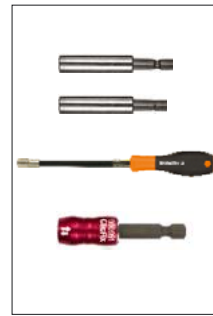
DMS 2

Seite 47



**Bits
for DMS**

Pages 48 - 51



Universal chuck

Pages 48 - 51



Bit-Box

Pages 48 - 51



SDI

Screwdriver

Page 53



SD

Screwdriver

Page 54



SD STK

Screwdriver

Page 55



Sets

Screwdriver

Pages 55 - 56



Allen key

Page 57



swifty®set

Page 58

Testen



UT 2

Page 62



UT 3

Page 62



NT 1

Page 62



DT 1

Page 63



LSP 1

Page 63

Product overview tools

Automatic machines



CutFix 8

Page 66



CCM

Page 66



Powerstripper

6.0 / 16.0

Page 67



Powerstripper auto

2.5 / 16.0

Page 67



Crimpfix 2.5

Page 68



Crimpfix universal / K

Page 68



Crimpfix L
Crimpfix LS

Page 69



Crimpfix LZ

Page 69



CA 100

Page 70



CA 4/8 Indent

Page 70



CM 6

Page 71

Ferrules



Ferrules

Pages 74 - 78



Ferrule boxes

Page 79

Crimp Sets



PZ 4

Page 80



PZ 6

Page 80



PZ 6 roto

Page 80



PZ 6 HEX

Page 81



PZ 6/5

Page 81



stripax plus

Page 81



PZ 16

Page 82



PZ 50

Page 82



PZ ZH 16

Page 82



Empty case

Page 83

Special tools



WAW 1 • WAW 2

Page 84



RT 1

Page 84



KT ZQV

Page 84



Offset screwdriver

Page 85



Crimping tools

Page 85



Contact release tools

Page 86

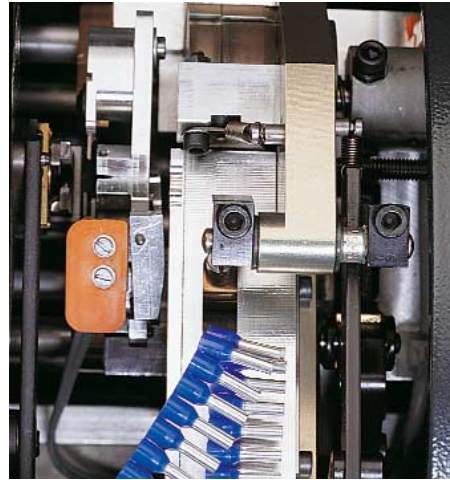
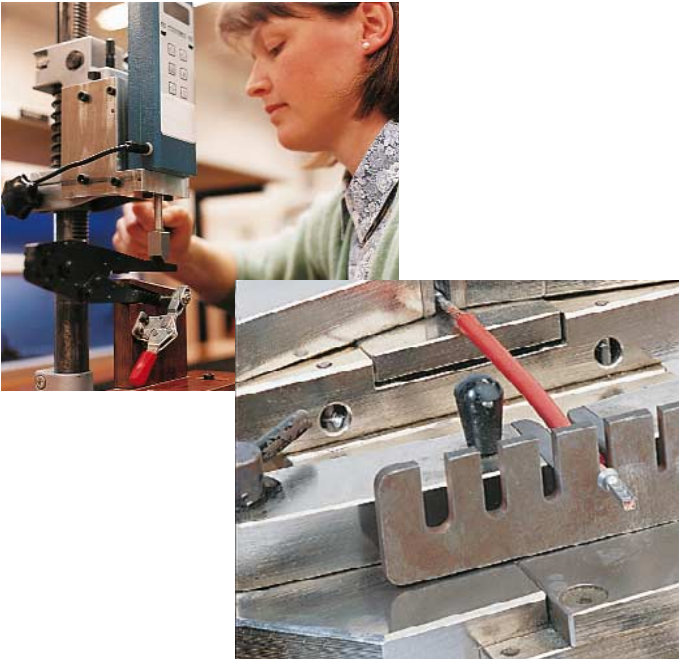


Weidmüller precision tools are used all over the world, which places a great responsibility on us. In day-to-day use, tools must always guarantee consistent processing quality, even after many working cycles.

Weidmüller therefore offers its customers the "Tool certification" service. We guarantee functionality and quality via this technical test procedure.

The following pages provide a summary of our current range of services.

Certification of tools



Regular quality controls of Weidmüller processing tools and the products manufactured with them guarantee optimum safety.

To ensure that this continues and to avoid any possible machine stoppages during production, regular tool maintenance and precise adjustment are essential. In order to receive a certified tool, you have the option of either sending in an existing Weidmüller tool for certification, or of purchasing a certified Weidmüller tool on submitting a new order.

Certification includes:

- Conductor extraction force testing according to the corresponding DIN regulations
- Issue of a test certificate with assignment of the corresponding identification no. and customer no.
- Recommendation for the next certification date; special testing schedule available on request



We guarantee the function of our tools – in written form, with a comprehensive test certificate and a test label. Furthermore, every Weidmüller tool receives an identification number inscribed by laser and on request, specific documentation on your monitored process according to DIN ISO 9001.



Historie/History

WZ-Nr.-/Tool No.:

3843-15

(Identisch mit Prüfzeugnis-Nr.)
(Identical with Testreport No.)

Artikelbez.: HTF 63

Bestell-Nr.: 901340

	Prüfdatum	Istwert1	Istwert2	Istwert3	Istwert4	Istwert5	Istwert6	Istwert7	Istwert8	WZ entspricht den Anforderungen	WZ entspricht den Anforderungen	Wiederholungsprüfung	Art der Prüfung
1	4.5.1995	110,5	310,5							X			Auszugkraftprüfung
2	14.7.1997	93	203,5							X	X		Auszugkraftprüfung
3	13.10.1998	89	189,5							X	X		Auszugkraftprüfung
4	25.11.1998	83,5	177							X	X		Auszugkraftprüfung
5													
6													
7													
8													
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10													
11													
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35													

inhalten siehe Prüfzeugnis.



Prüfzeugnis Nr.

Test Report No.

3843-15

(Identisch mit Wkz. Nr.)
(Identical with Tool No.)

Kunde: Customer:		Eingangsdatum: Date of delivery	15.11.99
Artikel-Bez.: Description	HTF 63	Auftrags/Retour Nr. Acceptance No.	351900
Bestell-Nr.: Part No.	901340		

Lfd. Nr.	Art der Prüfung Kind of test	Vorgabe/Norm Specifications/Standard	Sollwert Required	Tol. Tol.	Einh. Unit	Istwert Actual
1	Auszugkraftprüfung HO5V-K 0,5 mm ² Pull Out Force Test	EN 61210 R1925	≥56		N	83,5
2	Auszugkraftprüfung HO7V-K 1,5 mm ² Pull Out Force Test	EN 61210 R1995	≥150		N	177
3						
4						
5						
6						
7						
8						

Lfd.Nr.	Verwendete Meßmittel Testing Unit	Nächste Kalibrierung Date of next Calibration	Kalibriermittel Calibration Unit
1	Zug-, Druck-Prüfmaschine Bittler Modell DIPM 50 Geräte-Nr.- 617 Prüfgeschwindigkeit 30 mm/min	01/2000	05300 DKD-K00101 97-06

Bemerkungen:
Remarks:
Crimpwerkzeug für Flachsteckhülsen und Flachstecker mit offener oder gerollter Crimpkralle.
Steckbreite 6,3 mm >> für 0,5 mm² ...2,5 mm² (AWG 20..14)

MKZ: 317 Ext.St.: 4,5 Nächste WZ-Kalibrierung: 11/2000
Das Werkzeug entspricht oben genannten Anforderungen: ja nein
The tool passed the test: yes no
Erstprüfung: Wiederholungsprüfung:
First Test: Periodical Test:

DIN
ISO 9001

Cutting tools



A multitude of cables and conductors of the most diverse types and versions are used to connect electrical and electronic components. The cables and conductors must be accurately prepared depending on the different types of connection. The quality of the cutting process is therefore highly significant.

Weidmüller has become a specialist in the cutting of copper or aluminium cables. The product selection ranges from cutting tools for small cross sections with direct transmission of force to cutting tools for large diameters. Mechanical action in conjunction with the special cutting pattern reduces the manual forces required to a minimum.

Weidmüller fulfils all the criteria for professional cable processing with its wide product range. The demand that we ourselves place on our products is: a smooth, straight cut, with no distortion of the conductor.

You can benefit from this too.

Cutting tools

KT 8 • KT 12 Cutting tools

- Blade geometry for different conductor sizes increases the precision when cutting smaller conductors



KT 8

Precisely cuts copper and aluminium cables up to 8 mm ϕ maximum cutting capacity:

Copper cable

- 16 mm² solid
- 16 mm² stranded
- 16 mm² flexible

Aluminium cable

- 16 mm² stranded



KT 12

Precisely cuts copper and aluminium cables up to 12 mm ϕ maximum cutting capacity:

Copper cable

- 16 mm² solid
- 25 mm² stranded
- 35 mm² flexible

Aluminium cable

- 16 mm² stranded

Not suitable for cutting steel wire, steel-shielded cables, aluminium alloys and hard-drawn copper conductors!

Technical data		Technical data	
Length/width/height (tool closed)	165/65/25 mm	Length/width/height (tool closed)	215/66/28 mm
Weight	180 g	Weight	300 g
Ordering data		Ordering data	
Type	Cat. No.	Type	Cat. No.
KT 8	9002650000	KT 12	9002660000

KT 20 Cutting tool

- Opens automatically for ease of use
- Safety latch reduces risk of injury



KT 20

Precisely cuts copper and aluminium cables up to 20 mm ø maximum cutting capacity:

Copper cable

- 16 mm² solid
- 35 mm² stranded
- 70 mm² flexible

Aluminium cable

- 70 mm² stranded

Not suitable for cutting steel wire, steel-shielded cables, aluminium alloys and hard-drawn copper conductors!

Technical data	
Length/width/height (tool closed)	215/66/29 mm
Weight	400 g

Ordering data	
Type	Cat. No.
KT 20	9002300000

Cutting tools

KTF 25 • KTF 36 Front Cable Cutter

- One-hand operation
- Optimum lever transmission by eccentric drive
- Easy to use
- Minimum hand force
- Release option in every blade position



KTF 25

Precisely cuts copper and aluminium cables up to 25 mm \emptyset . KTF 25 is used for cutting cables with medium cross-sections and for working in narrow spaces.

maximum cutting capacity:

Copper cables

- 120 mm² flexible and stranded
- 25 mm \emptyset flexible and stranded

Aluminium cables

- 150 mm² flexible
- 25 mm \emptyset flexible

KTF 36

Precisely cuts copper and aluminium cables up to 35 mm \emptyset . KTF 36 is used for cutting cables with large cross-sections and for working in narrow spaces.

maximum cutting capacity:

Copper cables

- 300 mm² flexible and stranded
- 35 mm \emptyset flexible and stranded

Aluminium cables

- 300 mm² flexible
- 35 mm \emptyset flexible

Not suitable for cutting steel wire, steel-shielded cables, aluminium alloys and hard-drawn copper conductors!

Technical data*		Technical data*	
Length/width/height	245/80/40 mm	Length/width/height	330/100/49 mm
Weight	900 g	Weight	1400 g
Ordering data		Ordering data	
Type	Cat. No.	Type	Cat. No.
KTF 25	9002180000	KTF 36	9002190000

KT 36 • KT 45 • KT 52 Cutting tools

- One-hand operation
- Optimum lever transmission by eccentric drive
- Easy to use
- Minimum hand force
- Release option in every blade position



KT 36

Precisely cuts copper and aluminium cables up to 35 mm ø

maximum cutting capacity:

Copper cable

- 240 mm² flexible and stranded
- 500 MCM flexible and stranded

Aluminium cable

- 240 mm² stranded

Data-telecom cables

- 35 mm outer diameter

KT 45

Precisely cuts copper and aluminium cables up to 45 mm ø

maximum cutting capacity:

Copper cable

- 300 mm² flexible and stranded
- 600 MCM flexible and stranded
- 4 x 70 mm² stranded
- sector-shaped conductors 4 x 70 mm² stranded

Aluminium cable

- 400 mm² stranded
- Sector-shaped conductors 4 x 95 mm² solid

Data-telecom cables

- 45 mm outer diameter

KT 52

Precisely cuts copper and aluminium cables up to 52 mm ø

maximum cutting capacity:

Copper cable

- 400 mm² flexible and stranded
- 800 MCM stranded
- Sector-shaped conductors 3 x 150 + 1 x 70 mm² solid

Aluminium cable

- 400 mm² stranded

Data-telecom cables

- 52 mm outer diameter

Not suitable for cutting steel wire, steel-shielded cables, aluminium alloys and hard-drawn copper conductors!

Technical data*	
Length/width/height	235/130/42 mm
Weight	750 g

Ordering data	
Type	Cat. No.
KT 36	9001090000

Accessories	
Spare blade KT 36	9002910000

Technical data*	
Length/width/height	260/110/40 mm
Weight	942 g

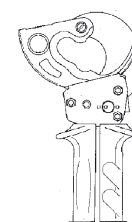
Ordering data	
Type	Cat. No.
KT 45	9002000000

Accessories	
Spare blade KT 45	9002100000

Technical data*	
Length/width/height	300/150/50 mm
Weight	1200 g

Ordering data	
Type	Cat. No.
KT 52	9007100000

Accessories	
Spare blade KT 52	9007110000



*The cable cutters were measured in the supplied state, i.e. with the tip of the movable blade protected parallel to the fixed blades as in the above diagram.

Cutting tools

KT 60 Cutting tool

- Two-hand-operation
- Optimum lever transmission by eccentric drive
- Easy to use
- Minimum hand force
- Blade release option in any position



KT 60

Precisely cuts copper and aluminium cables up to 62 mm \varnothing maximum cutting capacity:

Copper cable

- 800 mm² flexible and stranded
- 1500 MCM stranded
- Sector-shaped conductors 4 x 185 mm² stranded

Aluminium cable

- 1000 mm² stranded
- Sector-shaped conductors 4 x 240 mm² stranded

Data-telecom cables

- 62 mm outer diameter

Not suitable for cutting steel wire, steel-shielded cables, aluminium alloys and harddrawn copper conductors!

Technical data*

Length/width/height	350/160/50 mm
Weight	1700 g

Ordering data

Type	Cat. No.
KT 60	9002550000

Accessories

Spare blade KT 60	9002540000
-------------------	-------------------



*The cable cutters were measured in the supplied state, i.e. with the tip of the movable blade protected parallel to the fixed blades as in the above diagram.

KT 80 Cutting tool

- Two-hand-operation
- Optimum lever transmission by eccentric drive
- Easy to use
- Minimum hand force
- Blade release option in any position

**KT 80**

Precisely cuts copper and aluminium cables up to 80 mm \varnothing

- Also for steel-shielded cables and soft steel wire-armoured cables

Not suitable for cutting steel wire, steel-shielded cables, aluminium alloys and harddrawn copper conductors!

Technical data*

Length/width/height	560/190/58 mm
Weight	2940 g

Ordering data

Type	Cat. No.
KT 80	9003950000

Accessories

Spare blade KT 80	9003960000
-------------------	-------------------



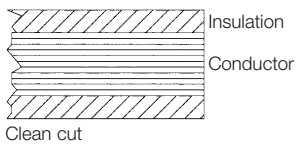
*The cable cutters were measured in the supplied state, i.e. with the tip of the movable blade protected parallel to the fixed blades as in the above diagram.

Cutting tools

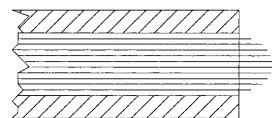
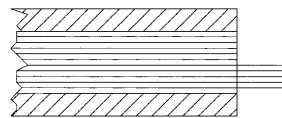
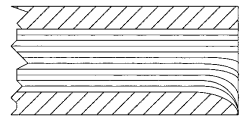
What is meant by "cutting" is the severing of copper or aluminium cables or conductors with a tool appropriate for this application.

The requirement for all cutting tools is:

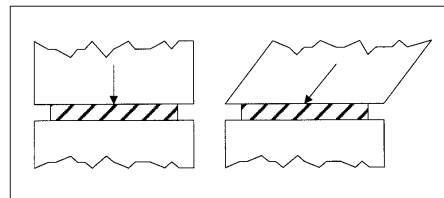
Smooth, straight cut without distortion of the conductor.



A "dirty" cut may have the following appearance:



Cutting motion



Push cut

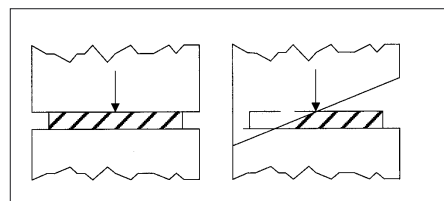
Oblique cut

Cutting is differentiated fundamentally according to the following cutting processes:

- **Push cutting**
- **Oblique cutting**

With a push cut, the cutting movement occurs vertically between the tool and workpiece. With an oblique cut, the cutting motion occurs at an angle to the tool.

Position of cuts



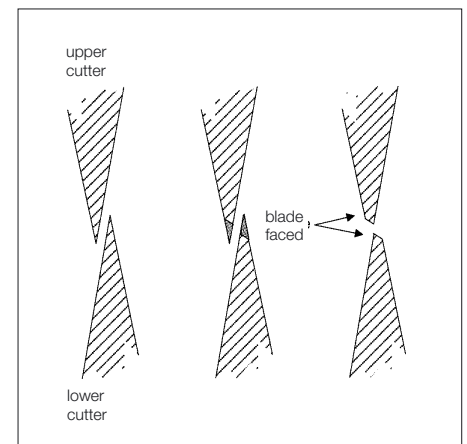
In position 1, the cuts are made immediately in the full length, i.e., much force is required.

In position 2, the cuts cross one another as occurs with scissors (scissor cut), i.e., the cut is made with lateral displacement, so that less force is required.

According to **DIN 8588**, a distinction is made among scissor cuts, wedge-action cutting, tearing and breaking. Scissor cutting is employed particularly in the cutting of cables, wires and conductors. Cutting tools with cross blades should perform an oblique cut and operate free of play.

The essential quality characteristics for professional cutting tools are a cutting edge shape which is suited to and optimised for the corresponding application, so that the manual forces required for cutting remain low. This allows single-handed operation.

A further quality characteristic is the cutting angle, i.e., the sharpness of the blade and the existence of a facet. This is the deliberate slight increase in the cutting angle, as a result of which the duration of life of the cutting edge and cutting edge sharpness is increased.



Tools supplied by Weidmüller comply with all requirements imposed on professional cutting tools.

Stripping tools



After cutting, a conductor is prepared for further processing or for the crimping process. For this purpose, a specific length of conductor insulation must be removed, while ruling out damage to the conductor.

The length of the conductor insulation to be removed depends on the terminal clamping point or the contact to be processed. Professional stripping tools guarantee an impeccable result via precise adaptation to the insulation and the conductor dimensions.

Consistently safe stripping results are achieved using Weidmüller stripping tools.

Stripping tools

stripax®

- Stripping and cutting tool for flexible, stranded and solid conductors with PVC insulation for cross-sections 0,08... 6 mm² (~AWG 28... 10)



stripax®

- Stripping length adjustable by setting wire stop
- Jaws open automatically after stripping
- No splaying of individual strands
- Special self-adjusting stripping blades avoid damage of the conductor
- Adjustable to different insulation cross-sections
- Strips multiple conductors, even several flat ribbon conductors simultaneously
- Strips double-insulated conductors in two steps, no additional adjustment necessary
- Precise, self-adjusting cable-cutter
- Long working life
- Improved ergonomic design

Technical data

Length	190 mm
Weight	155 g

Ordering data

Type	Cat. No.
stripax®	900500000

Accessories

Blade set	905403000
Cleaning brush	900545000

stripax® 16

- Stripping and cutting tool for flexible, stranded and solid conductors with PVC insulation for cross-sections 6... 16 mm² (~AWG 10... 6)



Stripping
tools

stripax® 16

- Stripping length adjustable by setting wire stop
- Jaws open automatically after stripping
- No splaying of individual strands
- Adjustable to different insulation cross-sections
- Strips double-insulated conductors in two steps, no additional adjustment necessary
- Cuts flexible, stranded and solid conductors for cross-sections up to 6 mm² (AWG 10)
- Precise, self-adjusting cable-cutter
- Long working life
- Improved ergonomic design

Technical data	
Length	190 mm
Weight	155 g

Ordering data	
Type	Cat. No.
stripax® 16	9005610000

Accessories	
Blade set	9054080000
Cleaning brush	9005450000

Stripping tools

mini-stripax® • LWL stripax® • duro-stripax® stripping tools

- Stripping length adjustable by setting wire stop
- Jaws open automatically after stripping



mini-stripax®

Stripping and cutting tool for cross-sections 0.08 ... 1 mm² (~ AWG 28 ... 18) or max. ø up to 1.3 mm

- Flexible and solid conductors with PVC insulation
- Multiple conductors (with thin flat ribbon cables, even several wires simultaneously)
- Self-adjusting stripping blade
- No splaying of individual wires



LWL-stripax®

Stripping and cutting tool for optical fibres with conductor of 1 mm internal diameter



duro-stripax®

Stripping and cutting tool for special insulations with conductor diameters 0.2 ... 1.21 mm (~ AWG 32 ... 18)

- Flexible and solid conductors with teflon, silicone and other problematic insulations
- Special blade shape to avoid damage to conductors
- No splaying of individual wires

Technical data	
Length	135 mm
Weight	110 g

Ordering data	
Type	Cat. No.
mini-stripax®	9001280000

Accessories	
Spare stripping blades	9001290000

Technical data	
Length	135 mm
Weight	110 g

Ordering data	
Type	Cat. No.
LWL-stripax®	9003750000

Accessories	
Spare stripping blades	9003760000

Technical data		
Length	135 mm	
Weight	110 g	

Ordering data		
Type	Cat. No.	Cat. No.
duro-stripax®	only blade set	
with 5 inserts	9003500000	
with yellow insert	9003700000	9003600000
with red insert	9003710000	9003610000
with green insert	9003720000	9003620000
with blue insert	9003730000	9003630000
with black insert	9003740000	9003640000

Selection of blade sets



Conductor ø in mm	AWG	Colour of the spare blades
0.2 - 0.3	32/1, 32/7, 30/1.30/7	yellow
0.3 - 0.5	28/1, 28/7, 28/19, 26/1, 26/7, 26/19, 24/1	red
0.55 - 0.80	24/7, 24/19, 22/1, 22/7, 22/19, 20/1	green
0.88 - 0.92	20/7, 20/19	blue
1.0 - 1.21	18/1, 18/7, 18/19	black

AM 25 • AM 35 stripping tools

- Stripping tool for round PVC cables



AM 25
for round cables 4.5 ... 25 mm Ø

AM 35
for round cables 25 ... 36 mm Ø

- Insulation can be stripped from any desired point on the cable
- Adjustable cutting depth for insulation up to 4.5 mm thickness
- Swivel blade for circular, longitudinal and spiral cuts
- Retaining clip with integrated blade for removing slit insulation

Technical data		
Type	Length	Weight
AM 25	135 mm	130 g
AM 35	140 mm	135 g

Ordering data	
Type	Cat. No.
AM 25	9001540000
AM 35	9001080000

Accessories	
Spare blade AM 25/35	9001530000

AMD 12 • AMD 15 stripping tool

- For cable stripping in junction boxes



AMD 12

Stripping tools for all common round cables from 8,0...13,0 mm Ø

- quick and precise cable stripping of moisture-proof cables (e.g. NYM type 3 x 1.5 and 5 x 2.5 mm²)
- no adjustment of cutting depth necessary
- Especially suited to working on tapping boxes and distribution boxes

Technical data		
Type	Length	Weight
AMD 12	124 mm	46 g

Ordering data	
Type	Cat. No.
AMD 12	9003310000

AMD 15

Stripping tools for all common round cables from 8,0...13,0 mm Ø

- quick and precise cable stripping of moisture-proof cables (e.g. NYM type 3 x 1.5 and 5 x 2.5 mm²)
- no adjustment of cutting depth necessary
- Especially suited to working on tapping boxes and distribution boxes
- Wire stripping range 0.2...4.0 mm²
- integrated lengthwise slit
- internal, extendable blade

Technical data		
Type	Length	Weight
AMD 15	124 mm	46 g

Ordering data	
Type	Cat. No.
AMD 15	9003300000

Stripping tools

CST • CST vario Stripping tools for coaxial cable

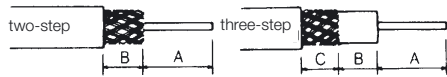
- One tool for 1, 2 and 3-level stripping simultaneously



CST

Stripping tool for coaxial cable and round (shielded) data-telecom cables 2.5...8 mm ø

- Adjustable and interchangeable screw holder for fast resetting to other cable types
- Enclosed adjuster enables quick pre-setting of the depth of cut
- Interchangeable cassettes with standard blade spacings
- Two-sided blade cassettes



Technical data	
Length	100 mm
Weight	65 g

Ordering data	
Type	Cat. No.
CST	9030500000

Accessories			
Additional screw holder for CST 9032060000			
Spare adjuster block 9005800000			
Blade cassette for CST			
	Colour	Stripping length ¹⁾	Cat. No.
	Blade cassette grey	3.9 mm = B	9032050000
	Blade cassette red	6.0 mm = B	9032040000
	Blade cassette yellow	12.0 mm = B	9032030000
	Blade cassette blue	6.5 mm = B	9032020000
	Blade cassette green	7.1/5.1 mm = C/B	9032000000
	Blade cassette brown	7.5/3.5 mm = C/B	9032010000
	Blade cassette orange	8.0/3.7 mm = C/B	9032200000
	Blade cassette light green	6.0/6.0 mm = C/B	9032210000
	Blade cassette black	8.6/2.3 mm = C/B	9032220000

¹⁾ Length A according to the manufacturer of the connector (not determined by the tool)



CST vario

Stripping tool for coaxial cable and round (shielded) data-telecom cables 2.5...8 mm ø

- Freely adjustable stripping length in 1 mm steps for shielding and dielectric (minimum stripping length approx. 3.2 mm)
- Fast resetting to other cable types
- max. total stripping length 17 mm

Technical data	
Length	116 mm
Weight	76 g

Ordering data	
Type	Cat. No.
CST vario	9005700000

Accessories	
Spare blade holder	9005740000
Spare blade inserts (1 set = 3 blades)	9005730000
Additional allen key	9005720000

AM 12 Wire cutting and stripping tool



AM 12 Stripping tool

Universal stripping tool for unshielded and shielded data cables

- Cuts UTP and STP data cables and other flexible copper cables up to 4 mm²
- Strips outer insulation of UTP and STP data cables as well as other round cables o. d. 0.5 ... 12.5 mm
- No damage of shielding or conductors by means of adjustable stripping blade for different insulation thickness
- Length gauge for repeated cutting and stripping lengths

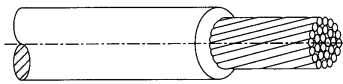
Technical data	
Length	97 mm
Weight	36 g

Ordering data	
Type	Cat. No.
AM 12	9030060000

The meaning of "stripping" is the severing and removal of the insulation. The following must be ensured in performing this task : the insulation dimensions must be observed and the conductor must not be damaged. The same applies to the remaining insulation.

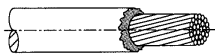
The DIN IEC 352 Part 2

(previously DIN IEC 48 / 290) contains references to stripping faults which are to be avoided:

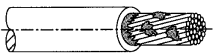


Correctly stripped conductor

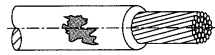
Possible faults during stripping:



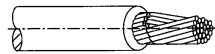
Insulation was not cut properly



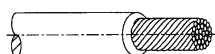
Remains of the conductor insulation are to be found on the stripped conductor.



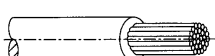
Conductor insulation has been damaged by the stripping tool.



Individual wires have been damaged or severed by the stripping tool.



Individual wires have been subsequently twisted too tightly.



Individual wires are no longer twisted.

In order to avoid these faults, an insulation stripping tool which is suited to the insulation and the cross-section of the conductor is required.

The use of cable stripping knives (pocket knives) is strictly inadvisable, since with these, stripping quality depends exclusively on the manual dexterity of the user. Far better are hand operated tools which self-adjust automatically to the corresponding cross-section of the conductor and do not damage the conductor during stripping or result in one of the previously listed faults.

stripax® insulation stripping tools ensure a constantly uniform stripping result which corresponds to the DIN standards.

These tools are adapted to standard dimension PVC insulation. An outside PVC insulation thickness can be set manually. The additional conductor stop and built-in wire cutter allow universal use.

Special insulation types, e.g. Teflon, silicone and captone require special stripping tools which strip the conductor with blades or punches.

Crimping tools



After stripping, appropriate contacts or wire end ferrules can be crimped to the cable end. It is not all that long ago that a secure connection between the conductor and contact was still achieved by soldering. "Crimping" has now been substituted extensively for this method.

"Crimping" means the creation of a uniform, unbreakable connection between the conductor and the connecting element. This is to be achieved exclusively by the use of high quality precision tools. The result is an electrically and mechanically secure connection.

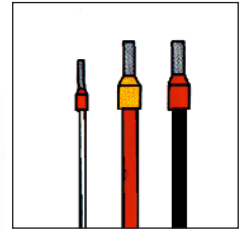
Weidmüller offers a wide range of mechanical crimping tools.

Integrated unlockable compression stops ensure optimum processing quality. The crimping results obtained with our tools correspond to international standards and regulations.

Crimping tools

stripax® plus 2.5

Stripping and crimping tool for ferrules



stripax® plus 2.5

Multifunctional tool for processing Weidmüller ferrules in strip form 0.5...2.5 mm² (~ AWG 20...14)

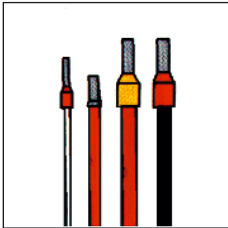
- Cuts
- Strips
- Automatic transport of ferrules
- Crimps
- Efficiency:
only one tool for cable processing: cuts / strips / crimps,
saves time considerably
- Easy-to-use ferrules:
- loaded in strips into handle of the stripax® plus 2.5
- automatic feed
- Conductor insertion from front for stripping and from the side for cutting and crimping
- Ferrules conform to DIN 46228 part 4
- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation

Ferrules strip with 50 pieces only must be used.
The use of ferrules on reels may cause a fault.

Technical data		Ordering data	
Length	210 mm	Type	Cat. No.
Weight	260 g	stripax® plus 2,5	902000000
		Accessories	
		spare cutting blade	9050340000
		Ferrules in strip form see page	74 - 75

Crimping tools for ferrules

	PZ 1.5	stripax® plus 2.5	PZ 3	PZ 4	PZ 6 roto	PZ 6 HEX	PZ 6/5	PZ 16	PZ 50
Cat. No.	9005990000	9020000000	0567300000	9012500000	9014350000	9013650000	9011460000	9012600000	9006450000
see page	27	26	28	28	29	27	28	29	30



PZ 1.5 Crimping tool for ferrules



PZ 6 HEX



PZ 1.5

Crimping tool for ferrules acc. to DIN 46228 parts 1 and 4 with and without plastic collars from 0.25 ... 1.5 mm² (~ AWG 24 ... 16)

- Crimp conforms to EN 60947-1
- Only one crimp profile for entire wire range
- Ferrule insertion from the front
- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation

PZ 6 HEX

Crimping tool for ferrules acc. to DIN 46228 parts 1 and 4 with and without plastic collars from 0,25 ... 6 mm² (~ AWG 24 ... 10)

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Only one profile for entire wire range
- Ferrule insertion from the side

Crimping tools

Technical data	
Length	170 mm
Weight	170 g

Ordering data	
Type	Cat. No.
PZ 1,5	9005990000

Accessories	
Ferrules see pages 74 - 79	

Technical data	
Length	180 mm
Weight	380 g

Ordering data	
Type	Cat. No.
PZ 6 HEX	9013650000

Accessories	
Ferrules see pages 74 - 79	

Crimping tools

PZ 4 • PZ 6/5 Crimping tools for ferrules

- Ferrule insertion from the side
- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation



PZ 4

Crimping tool for ferrules according to DIN 46228 part 1 and 4 with and without plastic collars from 0.5...4 mm² (~ AWG 20...12)

- Only one crimping profile for the entire cross-section range



PZ 6/5

Crimping tool for ferrules according to DIN 46228 part 1 and 4 with and without plastic collars from 0.25...6 mm² (~ AWG 24...10)

- Crimp conforms to EN 60947-1
- Five crimping profiles for the rated conductor cross-sections
- Registration in accordance with VG 95211 (Military designation VG 95236 T 14 A 0001)

PZ 3 Crimping tool for ferrules



PZ 3

Crimping tool for ferrules according to DIN 46228 part 1 and 4 with and without plastic collars from 0.5...6 mm² (~ AWG 20...10)

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Only one profile for entire wire range
- Ferrule insertion from the front

Technical data	
Length	200 mm
Weight	448 g

Ordering data	
Type	Cat. No.
PZ 4	9012500000

Accessories	
Ferrules see pages 74 - 79	

Technical data	
Length	200 mm
Weight	423 g

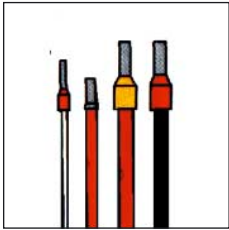
Ordering data	
Type	Cat. No.
PZ 6/5	9011460000

Accessories	
Ferrules see pages 74 - 79	

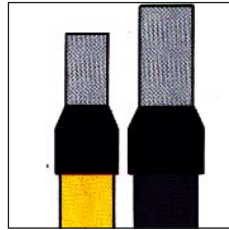
Technical data	
Length	200 mm
Weight	426 g

Ordering data	
Type	Cat. No.
PZ 3	0567300000

Accessories	
Ferrules see pages 74 - 79	



PZ 6 roto
Crimping tools
for ferrules



PZ 16 • PZ ZH 16
Crimping tools for ferrules

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Ferrule insertion from the side



PZ 6 roto

Crimping tool for ferrules according to DIN 46228 parts 1 and 4 with and without plastic collars from 0.14 ... 6 mm² (~ AWG 26 ... 10)

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Only one profile for entire wire range
- Rotatable crimp die for ferrule insertion from the front or the side



PZ 16

Crimping tool for ferrules according to DIN 46228 parts 1 and 4 with and without plastic collars from 6...16 mm² (~ AWG 10 ... 6)

- Three crimping profiles for rated conductor cross-sections
- Crimp conforms to EN 60947-1
- Registration in accordance with VG 95211 (Military designation VG 95236 T 14 B 002)



PZ ZH 16

Crimping tool for twin ferrules (requirement similar to DIN 46228 T.4) with plastic collars from 6...16 mm² (~AWG 10 ... 6)

- Three crimping profiles for rated conductor cross-sections
- Crimp conforms to EN 60947-1

Technical data	
Length	200 mm
Weight	428 g

Ordering data	
Type	Cat. No.
PZ 6 roto	9014350000

Accessories	
Ferrules see pages 74 - 79	

Technical data	
Length	200 mm
Weight	418 g

Ordering data	
Type	Cat. No.
PZ 16	9012600000

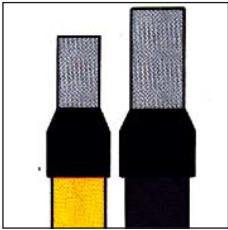
Accessories	
Ferrules see pages 74 - 79	

Technical data	
Length	260 mm
Weight	700 g

Ordering data	
Type	Cat. No.
PZ ZH 16	9013600000

Accessories	
Ferrules see pages 74 - 79	

Crimping tools



PZ 50
Crimping tool
for ferrules



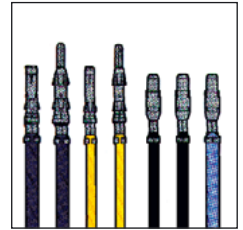
PZ 50

Crimping tool for ferrules from 25, 35 and 50 mm² with and without plastic collars according to DIN 46228 parts 1 and 4 (~ AWG 3 ... 1)

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Ferrule insertion from the side
- Three crimping profiles for rated conductor cross-sections
- Crimp conforms to EN 60947-1
- Registration in accordance with VG 95211 (Military designation VG 95236 T 14 B 002)

HTF RSV • HTF DFF • HTF ZRV Crimping tools

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Adjustable locator for exact positioning of contacts



HTF RSV 16 • HTF RSV 12

Crimping tools for Weidmüller RSV and DSTV-HD contacts

HTF RSV 16
0.14...1.5 mm² (AWG 26...16)

HTF RSV 12 2.5 mm² (AWG 14...12)

HTF DFF

Crimping tool for Weidmüller DFF contacts for cross-sections 0.22...2.5 mm (~ AWG 24...12)



HTF ZRV

Crimping tool for Weidmüller contacts from the ZRV contact system or for MKF flat contacts from Grote & Hartmann or other identical products from 0.2 ... 0.35 mm² and 0.5 ... 1.0 mm²

Technical data	
Length	260 mm
Weight	700 g

Ordering data	
Type	Cat. No.
PZ 50	9006450000

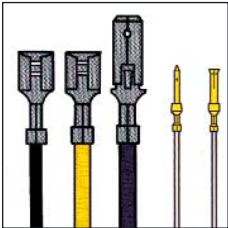
Accessories
Ferrules see pages 74 - 79

Technical data	
Length	205 mm
Weight	445 g

Ordering data	
Type	Cat. No.
HTF RSV 16	9013560000
HTF RSV 12	9013550000
HTF DFF	9014140000

Technical data	
Length	200 mm
Weight	436 g

Ordering data	
Type	Cat. No.
HTF ZRV	9014840000



**HTF 28 • HTF 48 • HTF 63 • HTF SUB-D
Crimping tools**

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Adjustable locator for exact positioning of contacts



HTF 28 • HTF 48 • HTF 63

Crimping tools for receptacles with open or rolled crimp barrels

HTF 28
Tab width 2.8 mm, 0.1...1.5 mm²

HTF 48
Tab width 4.8 mm, 0.5...2.5 mm²

HTF 63
Tab width 6.3 mm, 0.5...2.5 mm²



HTF SUB-D

Crimping tool for SUB-D contacts with open crimp barrels AWG 28...20

Crimping tools

Technical data	
Length	200 mm
Weight	438 g

Ordering data	
Type	Cat. No.
HTF 28	9013090000
HTF 48	9013080000
HTF 63	9013400000

Technical data	
Length	200 mm
Weight	438 g

Ordering data	
Type	Cat. No.
HTF SUB-D (AWG 28...20)	9013260000

Crimping tools

CTX CM • CZB 1 Crimping tools for turned contacts

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation



CTX CM 1.6/2.5 CTX CM 3.6

Crimping tools for HE-Series pin and socket contacts

CTX CM 1.6/2.5

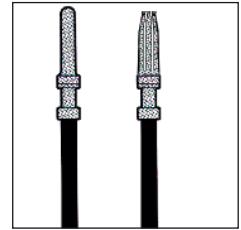
from 0.14 mm ... 4 mm²

- HD (for machined contacts)
- HE (for machined contacts)
- ConCept M 10-contacts
- ConCept M 5-contacts and similar

CTX CM 3.6

from 4.0 mm ... 10 mm²

- HD (for machined contacts)
- ConCept M 3-contacts and similar



CZB 1

Crimping tool for HE-Series pin and socket contacts
Cross-section 0.5...4.0 mm²
(4-Indent crimp)

Technical data

Length	260 mm
Weight	730 g

Ordering data

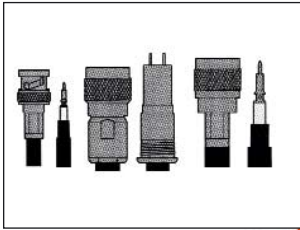
Type	Cat. No.
CTX CM 1,6/2,5	9018490000
CTX CM 3,6	9018480000

Technical data

Length	165 mm
Weight	230 g

Ordering data

Type	Cat. No.
CZB 1	9012710000



HTG 58 • HTG 59 • HTG 58-59
Crimping tools
for coaxial connectors

HTX LWL
Crimping tool
for fibre-optic connectors



HTG 58 • HTG 59 • HTG 58-59

Crimping tools for coaxial connectors such as BNC and TNC connectors with RG 58, RG 59, RG 62 and RG 71 cable

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Crimping profiles for centre contact and outer sleeve

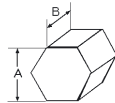
HTX LWL

Crimping tool for optical fibres 1 mm Ø, sleeve 5.5 mm Ø

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation

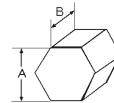
Crimp profile dimensions / Crimping width mm

A = Width across flats
B = Crimping width
C = Ø Outer sleeve of the coaxial plug
D = Ø Centre contact



	1. profile A/B	2. profile A/B	3. profile A/B	C	D
HTG 58	5.4/10	1.72/2.3		6.2	2.0
HTG 59	6.48/10	1.72/2.3		7.5	2.0
HTG 58-59	5.4/10	6.48/10	1.72/2.3	6.2/7.5	2.0

Crimp profile dimensions/ Crimping width mm



	1. profile hexagonal crimp A/B	2. profile round crimp Ø B
HTX LWL	3,15/6 sleeve Ø 3.9	4,85/6 sleeve Ø 5.5

Technical data

Length 200 mm
Weight 420 g

Ordering data

Type Cat. No.
HTG 58 9012000000
HTG 59 9012010000
HTG 58-59 9012020000

Technical data

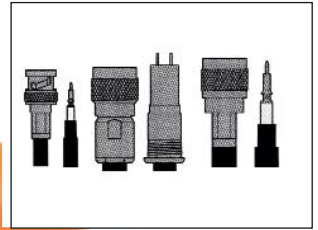
Length 200 mm
Weight 415 g

Ordering data

Type Cat. No.
HTX LWL 9011360000

Crimping tools

HTX 138 • HTG 174 • HTX 188 • CTX 500 • CTX 501 • CTX 502
Crimping tools for coaxial connectors



HTX 138 • HTG 174 • HTX 188

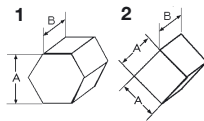
Crimping tools for coaxial connectors such as BNC, TNC and N connectors with coaxial cable

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation

HTX 138 for connectors on Twinax-coaxial cable

Crimp profile dimensions/ Crimping width mm

A = Width across flats
 B = Crimping width
 C = Ø Outer sleeve of the coaxial plug
 D = Ø Centre contact



	1. profile	2. profile	3. profile		
	A/B	A/B	A/B	C	D
HTX 138	8.24/ 10	1.72/ 2.3		9.5	2.0
HTG 174	4.52/ 10	1.72/ 2.3		7.5	2.0
HTX 188	3.25/ 10	1.72/ 2.3			

* (square crimp) refer to drawing 2

Technical data

Length 200 mm
 Weight 420 g

Ordering data

Type Cat. No.
HTX 138 901240000
HTG 174 9012410000
HTX 188 9011990000

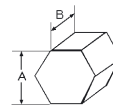
CTX 500 • CTX 501 • CTX 502

Crimping tools for coaxial connectors such as BNC, TNC and N connectors with coaxial cable

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation

Crimp profile dimensions/ Crimping width mm

A = Width across flats
 B = Crimping width
 C = Ø Outer sleeve of the coaxial plug
 D = Ø Centre contact



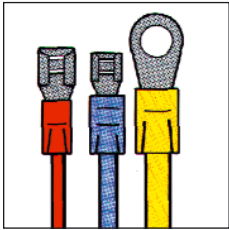
	1. profile	2. profile		
	A/B	A/B	C	D
CTX 500	10.54/ 12	2.54/ 3.17	12.2	2.9
CTX 501	10.9/ 12	2.45/ 3.17	12.6	2.8
CTX 502	9.3/ 12	1.75/ 2.3	10.7	2.0

Technical data

Length 260 mm
 Weight 730 g

Ordering data

Type Cat. No.
CTX 500 9006320000
CTX 501 9006370000
CTX 502 9006380000



HTI 15 · CTI 6 · CTI 6 S
Crimping tools for insulated cable lugs



HTI 15

Crimping tool for PVC, PC and polyamide-insulated cable lugs with a cross section 0.5...2.5 mm²

- Locator for exact positioning of crimping parts
- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation

For

- Cable lugs
- Pin-type cable lugs
- Parallel and serial connectors
- Connectors

CTI 6 · CTI 6 S

Crimping tools for PVC, PC and polyamide-insulated cable lugs with a cross section 0.5...6 mm²

- Locator for exact positioning of crimping parts
- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation

For

- Cable lugs
- Pin-type cable lugs
- Parallel and serial connectors
- Connectors

Technical data

Type	Length	Weight
HTI 15	200 mm	434 g

Crimpprofile red 0.5...1.5 mm² (~ AWG 20...16)
Crimpprofile blue 1.1...2.5 mm² (~ AWG 16...14)

Ordering data

Type	Cat. No.
HTI 15	9014400000

Technical data

Type	Length	Weight
CTI 6	260 mm	710 g
CTI 6 S	240 mm	660 g

Crimpprofile red 0.5...1.5 mm² (~ AWG 20...16)
Crimpprofile blue 1.1...2.5 mm² (~ AWG 16...14)
Crimpprofile yellow 2.6...6.0 mm² (~ AWG 12...10)

Ordering data

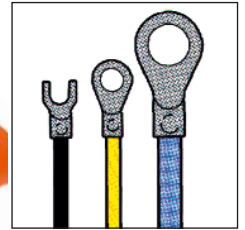
Type	Cat. No.
CTI 6	9006120000
CTI 6 S	9006210000

Crimping tools

HTN 21 • CTN 25

Crimping tools for non-insulated cable lugs

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation



HTN 21

Crimping tools for non-insulated cable lugs with a cross section 0.5...6 mm²

- rolled & brazed cable lugs
- Tube cable lugs
- Pin-type cable lugs
- Parallel and serial connectors
- Available with and without locator

CTN 25 D 4 • CTN 25 D 5

Crimping tools for non-insulated cable lugs with a cross section 10...25 mm²

CTN 25 D 4

- rolled and brazed cable lugs
- Pin-type cable lugs
- Parallel and serial connectors

CTN 25 D 5

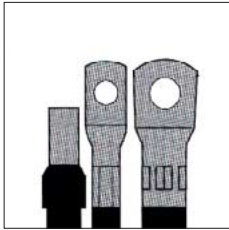
- Tube lugs and connectors

Technical data		
Type	Length	Weight
HTN 21	200 mm	427 g

Ordering data	
Type	Cat. No.
HTN 21 with locator	9014100000
HTN 21 without locator	9014610000

Technical data		
Type	Length	Weight
CTN 25 D 4	260 mm	685 g
CTN 25 D 5	260 mm	685 g

Ordering data	
Type	Cat. No.
CTN 25 D 4	9006220000
CTN 25 D 5	9006230000



MTR 35 • MTR 110
MTR 160 • MTR 300
 Crimping tools for connectors



MTR 35 · MTR 110

Crimping tools for connectors such as

- Tube cable lugs 6...120 mm²
- Ferrules 25...95 mm²
- Fast ratchet action for easy connector precentering and removal
- Precision mechanism enables high crimping pressure at low hand forces
- Purely mechanical function guarantees safe and easy handling under all conditions
- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Lockable hand lever for easy transportation eliminates danger of injury
- Comprehensive range of crimping die sets conforming to standards
- Customer-specific crimping die sets available on request
- Hinged head for easy removal of the crimped connector

MTR 160 · MTR 300

Crimping tools for connectors such as

- Tube cable lugs 10...300 mm²
- Rolled and brazed Cu connectors 10...150 mm²
- Fast ratchet action for easy connector precentering and removal
- Precision mechanism enables high crimping pressure at low hand forces
- Purely mechanical function guarantees safe and easy handling under all conditions
- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Lockable hand lever for easy transportation eliminates danger of injury
- Comprehensive range of crimping die sets conforming to standards
- Customer-specific crimping die sets available on request
- Hinged head for easy removal of the crimped connector (only only MTR 300)

Technical data	MTR 35	MTR 110
Crimping force kN	25	55
Crimping range mm ²		
Cu connectors (rolled and brazed)	6 ... 35	6 ... 70
Cu tube connectors	6 ... 50	10 ... 120
Ferrules	25 ... 50	70 ... 95
Insulated connectors	10 ... 25	10 ... 35
Travel mm	8	10.2
Length	270	420
Weight kg	1.3	2

Ordering data	Cat. No.
Type	
MTR 35	9017500000
MTR 110	9018020000

Accessories	
Carrying case for MTR 35 (not shown, Size 325x125x52 mm)	9017840000
Carrying case for MTR 110 (not shown, Size 450 x 200 x 55 mm)	9018040000
Crimping dies see page 38	
Ferrules see pages 74, 75, 78	

Technical data	MTR 160	MTR 300
Crimping force kN	100	100
Crimping range mm ²		
Cu connectors (rolled and brazed)	10 ... 150	10 ... 150
Cu tube connectors	10 ... 240	10 ... 300
Insulated connectors		10 ... 120
Die sets for prerounding		25 sm ... 240 sm 35 se ... 240 se
Travel mm	16.2	16
Length	540	540
Weight kg	4	4

Ordering data	Cat. No.
Type	
MTR 160	9017250000
MTR 300	9021390000

Accessories	
Carrying case for MTR 160	9017270000
Carrying case for MTR 300	9021420000
Crimping dies see page 38	



Crimping tools

Crimp inserts



MTR 35

Cross- Code No. Crimp Cat. No.
section DIN width
mm² 48083 mm



Die sets for **copper tube** cable lugs and connectors **DIN 46235**

	6	5	5.5	9017550000
	10	6	5.5	9017560000
	16	8	5.5	9017570000
	25	10	5.5	9017580000
	35	12	5.5	9017590000
	50	14	5.5	9017760000

Die sets for **aluminium tube** cable lugs and connectors **DIN 46829**



	25	12	7.0	9017600000
	35	14	7.0	9017610000
				



Die sets for **copper tube** cable lugs and connectors **standard types**



	6	6.0	9017770000
	10	6.0	9017620000
	16	6.0	9017630000
	25	6.0	9017640000
	35	6.0	9017650000
	50	6.0	9017660000

MTR 110

Cross- Code No. Crimp Cat. No.
section DIN width
mm² 48083 mm

	10/70	6/16	5.5	9018100000
	16/35	8/12	5.5	9018110000
	25/50	10/14	5.5	9018120000
	95	18	5.5	9018130000
	120	20	5.5	9018140000



	16/35	10/14	7.0	9018800000
	25/50	12/16	7.0	9018810000
	70	18	7.0	9018820000

	10/70	7.0	9018400000
	16/35	7.0	9018410000
	25/50	7.0	9018420000
	95	5.0	9018430000
	120	5.0	9018440000



MTR 160

Cross- Code No. Crimp Cat. No.
section DIN width
mm² 48083 mm

Die sets for **copper tube** cable lugs and connectors **DIN 46235**



	10	6	7.0	9020900000
	16	8	7.0	9020910000
	25	10	7.0	9020920000
	35	12	7.0	9020930000
	50	14	7.0	9020940000
	70	16	7.0	9020950000
	95	18	7.0	9020960000
	120	20	7.0	9020970000
	150	22	7.0	9020980000
	185	25	7.0	9020990000
	240	28	7.0	9021000000



Die sets for **copper tube** cable lugs and connectors **standard types**

	10/25	9.8	9021750000
	16/35	9.8	9021760000
	50	8.0	9021770000
	70	8.0	9021780000
	95	8.0	9021790000
	120	8.0	9021800000
	150	8.0	9021810000
	185	8.0	9021820000
	240	8.0	9021830000


MTR 300





Cross- Code No. Crimp Cat. No.
section DIN width
mm² 48083 mm

	10	6	7.0	9021430000
	16	8	7.0	9021440000
	25	10	7.0	9021450000
	35	12	7.0	9021460000
	50	14	7.0	9021470000
	70	16	7.0	9021480000
	95	18	7.0	9022290000
	120	20	7.0	9022300000
	150	22	7.0	9022310000
	185	25	7.0	9022320000
	240	28	7.0	9022330000
	300	32	7.0	9022340000

	10/25	9.8	9024010000
	16/35	9.8	9024400000
	50	8.0	9024410000
	70	8.0	9024420000
	95	8.0	9024430000
	120	8.0	9025210000
	150	8.0	9025220000
	185	8.0	9025230000
	240	8.0	9028020000



Indentors and dies for solder-less copper cable lugs and connectors
DIN 46234, DIN 46341, T1

	Indentor	9017670000
	6...35 mm ²	
	Die	9017680000
	6 mm ²	
	Die	9017690000
	10 mm ²	
	Die	9017700000
	16 mm ²	
	Die	9017710000
	25 mm ²	
	Die	9017720000
	35 mm ²	
	with control mark	



	Indentor	9018500000
	6...70 mm ²	
	4 die	9018600000
	10/16/25/35 mm ²	
	4 die	9018610000
	16/25/35/50 mm ²	
	2 die	9018620000
	6/50 mm ²	
	2 die	9018630000
	10/70 mm ²	
	Single die	9018640000
	70 mm ²	
	with control mark	

Die sets for solder-less copper cable lugs and connectors with insulation to
DIN 46231, 46237, 46245, 46341, T2


	10 mm ²	9017990000
	16 mm ²	9018000000
	25 mm ²	9018010000

	10 mm ²	7.0	9018700000
	16 mm ²	8.0	9018710000
	25 mm ²	9.0	9018720000
	35 mm ²	9.5	9018730000
	Oval crimp	with control mark	
	Crimp die with locator		


Prerounding die sets for sectored cable

	25/50 mm ²	12	9018450000
	35/70 mm ²	12	9018460000
	95 mm ²	12	9018470000

Indentor and die sets for ferrules





	Indentor	25...50 mm ²	9017970000
	Die	25 mm ²	9017740000
	Die	35 mm ²	9017750000
	Die	50 mm ²	9017540000





Die sets for ferrules

	Die set 70 mm ²	9023360000
	Die set 95 mm ²	9023370000





Die sets for solderless copper cable lugs and connectors
DIN 46234, DIN 46341, T1



	10	9021300000
	16	9021310000
	25	9021320000
	35	9021330000
	50	9021340000
	70	9021350000
	95	9021360000
	120	9021370000
	150	9021380000
	with control mark	

	Double nest dies	
	16/35	9022360000
	10/70	9022350000
	25 / 50	9022370000
	Indentor	
	10 - 70	9022990000
	Single nest die	
	95	9022380000
	120	9022390000
	150	9022400000
	Indentor	
	95-150	9023110000

Die sets for solder-less copper cable lugs and connectors with insulation to
DIN 46231, 46237, 46245, 46341, T2

	10	9016180000
	16	9016190000
	25	9016200000
	35	9016210000
	50	9016220000
	70	9016230000
	95	9016240000
	120	9016250000

Prerounding die sets for Cu/Al

	25 sm/35 se	9016260000
	35 sm/50 se	9016270000
	50 sm/70 se	9016280000
	70 sm/95 se	9016290000
	95 sm/120 se	9016370000
	120 sm/150 se	9016380000
	150 sm/185 se	9016390000
	185 sm/240 se	9016440000
	240 sm	9016500000

TT 8-GH Crimping tool

For modular plug connectors



TT 8-GH

Crimping tool for shielded modular plugs (Hirose) Western Electric (WE)

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Conductor cross-section AWG 28...AWG 24 (Standard)
- 8-pole (RJ 45) shielded plugs (Hirose) for shielded data cables
- 3 Crimp functions
 - Contacts
 - Enclosure shielding
 - Cable shielding

TT 864 RS WE • TT 1064 RS WE Crimping tools



TT 864 RS WE • TT 1064 RS WE

- Crimping tools for modular plugs WE and DEC with additional functions
- 3 functions in one tool
- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation

TT 864 RS WE

- Cutting and stripping of up to 8-pole flat or flat-oval data cables
- Conductor cross-section AWG 28...24
- For fitting
 - 4-pole WE plugs
 - 6-pole (RJ 11) WE plugs
 - 6-pole WE plug (DEC)
 - 8-pole (RJ 45) WE plugs
- For AMP plugs or identical plugs
- For other plug types on request

TT 1064 RS WE

- Cutting and stripping of up to 10-pole flat or flat-oval data-telecom leads
- Conductor cross-section AWG 28...24
- For fitting
 - 4-pole WE plugs
 - 6-pole (RJ 11) WE plugs
 - 6-pole WE plug (DEC)
 - 10-pole (RJ 45) WE plugs
- For AMP plugs or identical plugs
- For other plug types on request

Technical data	
TT 8 GH	
Length	260 mm
Weight	750 g

Ordering data	
Type	Cat. No.
TT 8 GH	9005640000

Technical data	
TT 864 RS WE	
Length	205 mm
Weight	525 g

Ordering data	
Type	Cat. No.
TT 864 RS WE	9008120000

Accessories	
Spare blade set	9008130000

Technical data	
TT 1064 RS WE	
Length	205 mm
Weight	531 g

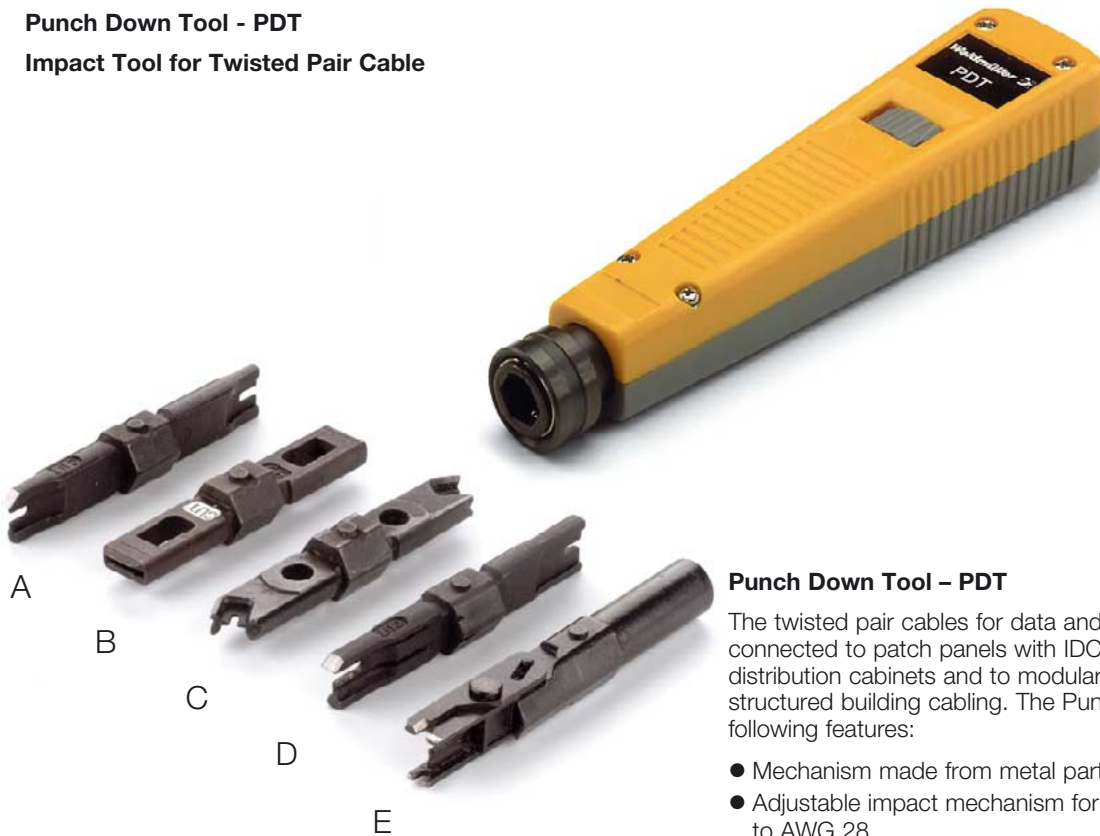
Ordering data	
Type	Cat. No.
TT 1064 RS WE	9008190000

Accessories	
Spare blade set	9008130000

Crimping tools

Punch Down Tool - PDT

Impact Tool for Twisted Pair Cable



Punch Down Tool – PDT

The twisted pair cables for data and voice throughput are connected to patch panels with IDC contacts in building or floor distribution cabinets and to modular wall outlet sockets in the structured building cabling. The Punch Down Tool provides the following features:

- Mechanism made from metal parts
- Adjustable impact mechanism for conductor sizes AWG 20 to AWG 28
- Different punch down blades for terminal blocks 110 type (from AT&T), 66 type, LSA Plus type from Krone (standard and scissors type cutting function) as well as for phone jacks 630A6
- Reversible clip-in blades to punch down or to punch down and to cut off the excess conductors
- Spare blade storage in handle

Technical data

Punch Down Tool

Length/width/height	160/37/29 mm
Weight	142 g

Punch down blade

Length	approx. 60 mm
Weight	16 g

Ordering data

Type	Cat. No.	
Punch Down Tool PDT (without blades)	9013970000	
PD Blade 110	9013960000	(A)
PD Blade 66	9013980000	(B)
PD Blade 630	9013990000	(C)
PD Blade Krone LSA Plus (Standard)	9014000000	(D)
PD Blade Krone LSA Plus (scissors type)	9014050000	(E)

Crimping tools

Crimping of ferrules

Optimum crimp of various cross-sections (good sample)

Examples of visual assessment for crimps with Weidmüller tools and crimping machines.

Front view:



0.5 mm²



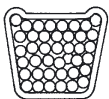
0.75 mm²



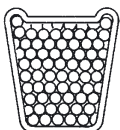
1.0 mm²



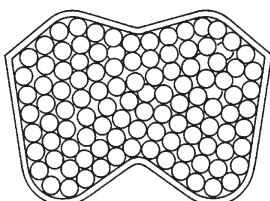
1.5 mm²



2.5 mm²

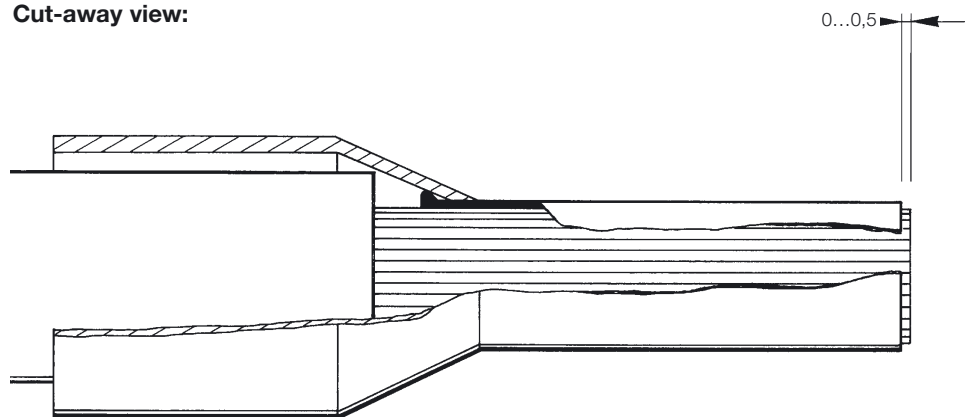


4.0 mm²



The crimp shape is nearly the same for cross-sections 6 – 50 mm².

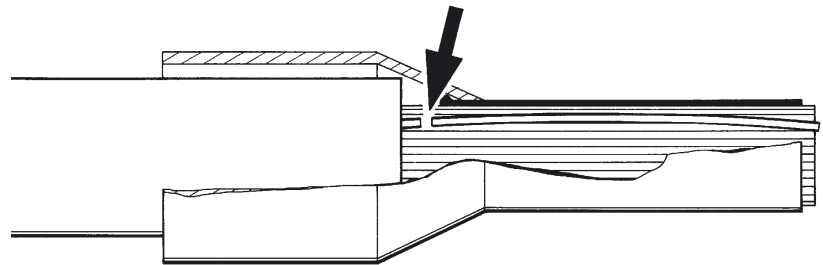
Cut-away view:



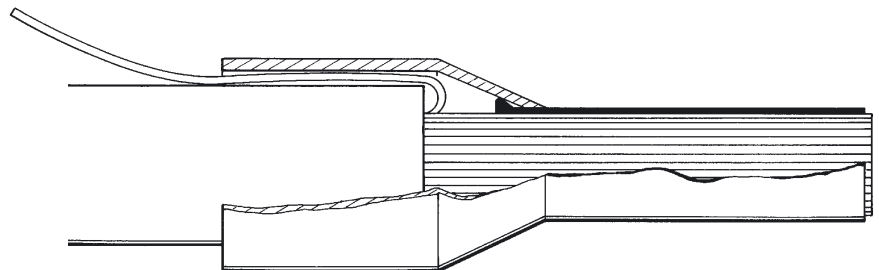
The conductor insulation must be pushed into the insulating collar. The cavity of the ferrule must be completely filled by the conductor. Depending on cross-section, the conductor should protrude approx. 0...0.5 mm from the ferrule cavity.

Incorrect combination of cable and ferrule can cause failed crimp connection.

It is not possible that a tool will work with every combination of wire and crimping material. It is possible that a crimp complying to standards is not attainable even when using standardised articles. The difficulty in selecting is due to the large number of different conductors available on the market. This is the reason why testing and defining of material is so important. It must be sure that testing and later use of the machine happen under the same conditions.



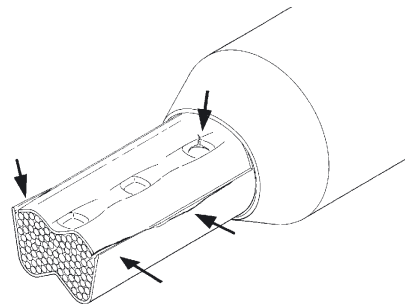
Individual wire squeezed off.



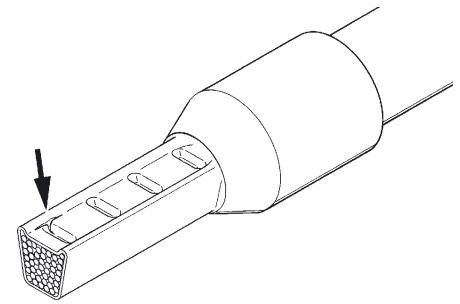
Individual wire pushed back.

Faults which can occur during crimping:

- Cracking along the lateral edges and the die impressions.
- Ferrules split open.
- Non-symmetrical crimp shape.
- Severe burring along the lateral edges.
- The ferrule is not filled by the conductor.
- Individual wires are pushed back and protude from the collar.
- Individual wires are squeezed off.
- Insulating collar damaged by crimping die.
- Conductor insulation is not pushed into the insulating collar.
- Ferrule bent in longitudinal direction after crimping.



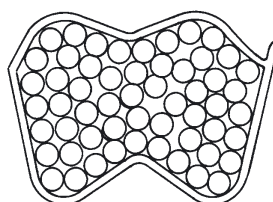
Cracks on the lateral edges.
Lateral edges split open.
Formation of cracks at the impressions of crimping die.



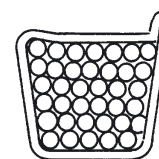
Formation of cracks at the impressions of crimping die.

Note:

The ferrule must not break open after being connected once in any desired Weidmüller clamp corresponding to the conductor cross-section with a torque to DIN IEC 0611.



Non-symmetrical crimp shape.
Burring on one side.



Non-symmetrical crimp shape.
Burring on one side.

Screwdrivers



Fastening crimped conductors in the connection spaces is possible either by the direct plug-in method or by means of screws.

Electrical screwdriver

The electrical screwdrivers from Weidmüller are ideal one-handed tools due to their ergonomic design. They ensure fatigue-proof working in any direction of installation. They feature automatic torque limits and high repeating accuracy.

Screwdrivers

The new Weidmüller Grip Concept tools in four handle sizes are the result of a consistent development process that takes into account both the human hand as well as the different requirements when working.

Using the new tools is enjoyable because they feature

- Perfect handling with all handle sizes
- Optimal torque
- Optimal transmission of the axial force
- Complete range including all commercial dimensions

With the SoftFinish design for dry and general applications Weidmüller presents a complete range of screwdrivers that ensures significantly higher torques with a noticeable increase in comfort due to the soft material used. The specialist for a new screwdriving experience in dry and general conditions.

Screwdrivers

DMS 3 Cordless torque screwdriver



DMS 3 Rechargeable torque screwdriver

- One-hand operation under all working conditions
- Switchable to clockwise and anticlockwise rotation
- Two speeds: 200 and 400 rpm
- Torque settings approx. 0.2...3 Nm in 6 steps
- Consistent performance until complete discharge of battery
- Handle swings easily from pistol to rod form
- Takes 1/4" bits held by ball-bearing clamping mechanism
- Safety lock prevents inadvertent switch-on
- Easy to change from battery drive to hand-operation up to 15 Nm

Technical data

Screwdriver	
Motor	2.4 V DC
No-load speed	200/400 min
Max. torque	3.0 Nm
Chuck	1/4" DIN 3126 Form E3
Length	239 mm
Weight	400 g
Battery	
Type	2 Ni-Cd batteries à 1.2 V
Weight	122 g
Charger	
Input	230 V AC, 50 Hz, 50 mA
Output	2.9 V AC, 1.4 A, 4.1 VA
Charging time	1 hour
Weight	700 g

Ordering data

Type	Cat. No.
DMS 3	9007440000
Screwdriver incl. battery	
DMS 3 Set 1	9007470000
Screwdriver incl. battery charger, bits, plastic carrying case	
DMS 3 Set 2	9007480000
as Set 1, additional battery	
Accessoires	
Spare battery	9007450000
Charger	9007460000

DMS 2 Electrical screwdriver

**DMS 2 Electrical screwdriver**

- Torque can be adjusted in four steps, assigned for standard screws M2.5 to 4
- Reswitchable electric switch-off on reaching the preset torque
- High repeating accuracy
- Start-up with search mode and/or switch to working torque is controlled via the contact pressure on to the screw head
- Switchable to clockwise and counter-clockwise operation
- Fatigue-free working due to its ergonomic design and low weight
- Ideal design allows one-handed operation in all working conditions and at different working locations
- Low noise
- Low energy consumption

Technical Data

Rated voltage U_N	230 V
Frequency	50 Hz
Rated power P_N	45 W
Current consumption I_N	0.2 A
Spindle revs. in search mode n_S	350 min^{-1}
during operating cycle	700 min^{-1}

Torque M_1

Step 1 (M 2.5)	0.5 ± 0.1 Nm
Step 2 (M 3)	0.7 ± 0.15 Nm
Step 3 (M 3.5)	1.2 ± 0.2 Nm
Step 4 (M 4)	1.7 ± 0.25 Nm

Weight (incl. power supply)	0.990 kg
Own weight	0.820 kg
Noise level acc. to DIN 45 635 (all values ± 10 %)	58 dB (A)

Protection class II acc. to DIN 57 740
 DIN/VDE 0740 T. 1 and T. 21
 EMV acc. to EG guide line 89/336/EWG
 CE label

Ordering data

Standard equipment	
Type	Cat. No.
DMS 2 with 5.5 mm drive	0640000000
Form A 5.5, DIN 3126 incl. hanging hook and 4 bits for slotted screws (length 50 mm) 0.5 x 3 / 0.6 x 3.5 / 0.8 x 4 / 1.0 x 5.5 mm blade dimensions	
DMS 2 with 1/4" drive	0664600000
Form C 6.3, DIN 3126 with hanging hook and 4 bits for slotted screws (length 50 mm) 0.5 x 3 / 0.6 x 3.5 / 0.8 x 4 / 1.0 x 5.5 mm blade dimensions	
BAL 2	0181800000
Balancer for hanging the DMS 2	

Weidmüller bits

The Weidmüller bits are standard bits that appeal due to their high quality and the wide choice in the range breadth and depth.

Weidmüller guarantees consistently high product quality thanks to processor-controlled hardening processes.

Weidmüller bits are the ideal allround bits for high quality and performance demands.

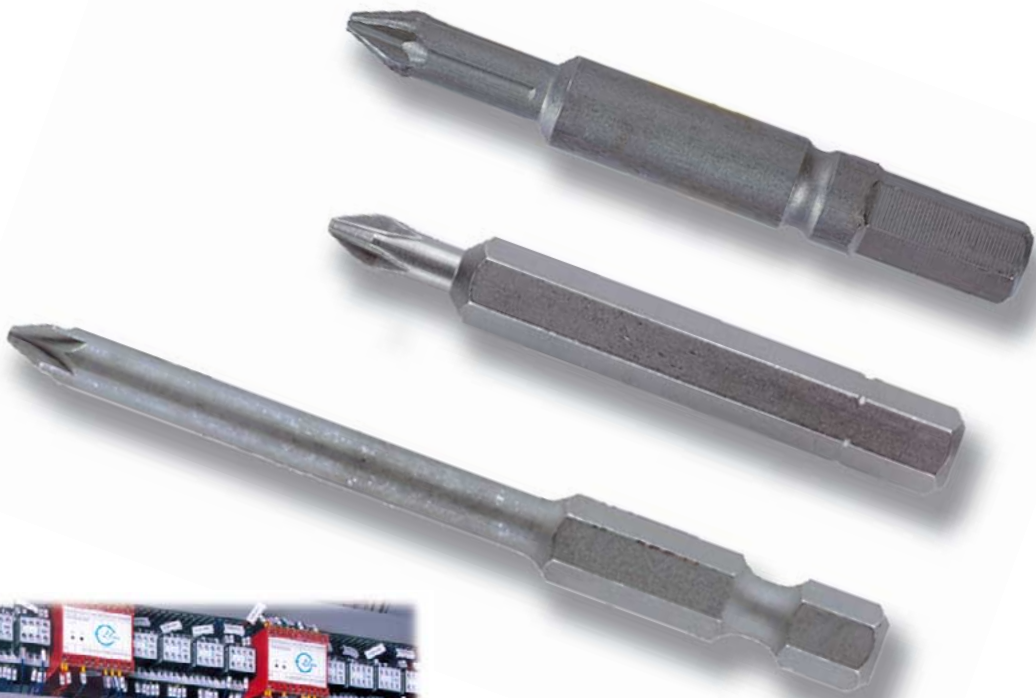
The high-quality material enables torque values that are far above the DIN standards.

- DIN 5261 for PH/PZ bits
- DIN 5263 for slot-head bits
- Camcar standard for TORX bits

This leads to a long life with high torques and, thus, ideal conditions for standard work.

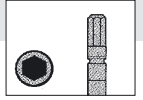
The advantages of the product:

- Suitable for all screwing jobs. Suitable both for manual and mechanical use due to the good hardness values of 59-61 HRC.
- Good wear-resistance and, thus, long life.
- Optimum fit in DIN screws for low wear and optimum torque transmission.
- Manufactured with consistently high product quality according to professional quality criteria in line with the relevant ISO standard.



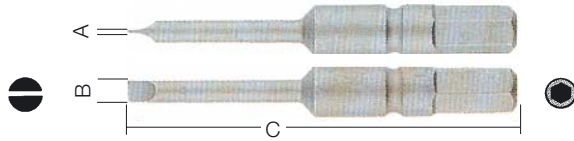
Shape	Page
A5.5	49
1/4" C6.3	50
1/4" E6.3	51

Bits/chucks drive A5.5



Bits

5.5 mm hexagon insert bit drive according to DIN 3126, shape A 5.5 to direct machine connection (discontinued type DMS2 A5.5)



Slot-head bits DIN 5264, drive A5.5 DIN 3126

Order data				
Dimens. (mm)	A	B	C	Cat. No.
	0.5	3.0	50	0498500000
	0.5	3.0	75	9024730000
	0.6	3.5	50	0498600000
	0.6	3.5	75	0535100000
	0.8	4.0	50	0498700000
	0.8	4.0	75	9024740000
	0.6	4.5	50	9009220000
	1.0	5.5	50	0498800000
	1.0	5.5	125	0499100000

Universal Chuck and Weidmüller Bit-Box



Universal chuck magnetic drive: A5.5 DIN 3126 negative drive: 1/4" D6.3

Order data	
Type	Cat. No.
UBH 1/4"/A5.5	9024890000



Cross-head bits type Phillips Recess PH/DIN 5260, Drive A5.5 DIN 3126

Order data		
Size	Dimension C (mm)	Cat. No.
1	50	0384800000
1	75	0529900000
2	50	0384900000
2	125	0533600000
3	50	9009260000



Cross-head bits type Pozidrive PZ/DIN 5262, Drive A5.5 DIN 3126

Order data		
Size	Dimension C (mm)	Cat. No.
1	50	9024850000
2	50	9024860000
3	50	9009300000

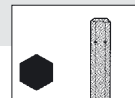
Weidmüller Bit-Box 11 pieces equipped with universal holder drive: A5.5 DIN 3126 negative drive: 1/4" D6.3 Bits 1/4" C6.3



(Illustrative example)

Order data		
Type	Sizes	Cat. No.
Bit-Box WI	S 4.0 x 25/4.5 x 25/ PH 0/1/2 x 25/PZ 0/1/2 x 25	9024900000

Bits/chucks drive 1/4" C6.3



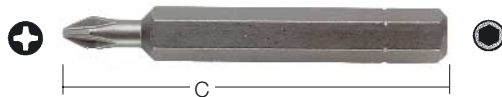
Bits

1/4"-Hexagon insert bit drive according to DIN 3126, shape C 6.3 to direct machine connection (DMS2 1/4" C6.3)



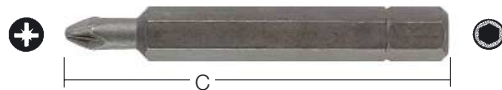
Slot-head bits
DIN 5264,
drive 1/4" C6.3
DIN 3126

Order data				
Dimens. (mm)	A	B	C	Cat. No.
	0.5	3.0	39	9025500000
	0.5	3.0	75	9024750000
	0.6	3.5	39	9025510000
	0.6	3.5	75	9024760000
	0.5	4.0	25	9009310000
	0.8	4.0	39	9025520000
	0.8	4.0	75	9024770000
	0.6	4.5	25	9009320000
	1.0	5.5	39	9025530000
	1.0	5.5	125	9024780000



Cross-head bits
type Phillips Recess
PH/DIN 5260,
Drive 1/4" C6.3
DIN 3126

Order data		
Size	Dimension C (mm)	Cat. No.
0	25	9009330000
1	25	9009340000
1	50	9025540000
1	75	9024830000
2	25	9009350000
2	50	9025550000
2	125	9024840000



Cross-head bits
type Pozidrive
PZ/DIN 5262,
Drive 1/4" C6.3
DIN 3126

Order data		
Size	Dimension C (mm)	Cat. No.
0	25	9009360000
1	25	9009370000
1	50	9024870000
2	25	9009380000
2	50	9024880000

Chuck and Weidmüller Bit-Box



Universal chuck
magnetic drive: 1/4"
C6.3 DIN 3126
negative drive:
1/4" D6.3

Order data	
Type	Cat. No.
UBH 1/4"/C6.3	9009620000



Chuck with
flexible shaft
for offset screws,
for all bits
drive 1/4" C6.3
DIN 3126
SoftFinish handle

Order data		
Type	Dim. C (mm)	Cat. No.
BHS 1/4"	150	9009630000

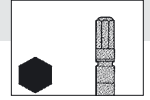


(Illustrative example)

Weidmüller Bit-Box
11 pieces equipped
with universal holder
drive: 1/4" C6.3
DIN 3126 negative
drive: 1/4" D6.3
Bits 1/4" C6.3

Order data		
Type	Sizes	Cat. No.
Bit-Box WI DMS2	S 4.0 x 25/4.5 x 25/ PH 0/1/2 x 25/PZ 0/1/2 x 25	9024910000

Bits/chucks drive 1/4" E6.3



Bits

1/4"-Hexagon insert bit drive according to DIN 3126,
shape E 6.3
to direct machine connection (DMS3)



Slot-head bits
DIN 5264,
drive 1/4" E6.3
DIN 3126

Order data				
Dimens. (mm)	A	B	C	Cat. No.
0.5	3.0	50		9009410000
0.5	3.0	70		9024000000
0.6	3.5	50		9009420000
0.6	3.5	70		9024020000
0.5	4.0	50		9009430000
0.8	4.0	70		9024030000
1.0	5.5	50		9009440000
1.0	5.5	70		9024040000



Cross-head bits
type Phillips Recess
PH/DIN 5260,
drive 1/4" E6.3
DIN 3126

Order data		
Size	Dimension C (mm)	Cat. No.
1	70	9024080000
2	70	9024090000



Cross-head bits
type Pozidrive
PZ/DIN 5262,
drive 1/4" E6.3
DIN 3126

Order data		
Size	Dimension C (mm)	Cat. No.
1	70	9024100000
2	70	9024110000

Chuck and Weidmüller Bit-Box



Universal chuck
short, magnetic
drive: 1/4" E6.3
DIN 3126
negative drive:
1/4" D6.3

Order data	
Type	Cat. No.
UBH 1/4"/E6.3	9009520000



ClicFix Universal
quick-change chuck
with locking function
and magnetic true
one-hand operation for
quick bit changes
Drive 1/4" E6.3
DIN 3126
negative drive:
1/4" D6.3

Order data	
Type	Cat. No.
UBH SWH 1/4"/E6.3	9009510000



(Illustrative example)

Weidmüller Bit-Box
11 pieces equipped
with universal holder
drive: 1/4" E6.3
DIN 3126
negative drive:
1/4" D6.3
Bits 1/4" C6.3

Order data		
Type	Sizes	Cat. No.
Bit-Box WI DMS3	S 4.0 x 25/4.5 x 25/ PH 0/1/2 x 25/PZ 0/1/2 x 25	9024970000

Screwdrivers

Weidmüller SoftFinish

The specialist screwdriver for any application

Weidmüller SoftFinish Handle

With the SoftFinish zone for use in dry conditions and for general applications, Weidmüller presents a complete screwdriver range that ensures considerably higher torques with much better comfort thanks to the use of soft material. The specialist for easier insertion and removal of screws in dry and general conditions.

The advantages of the product:

- The SoftFinish zone made of special soft material that ensures maximum torque.
- Comfort when tightening and loosening screws and optimum handling thanks to ergonomically perfect handle design.
- In the version with a solid steel cap, the Weidmüller SoftFinish Handle can easily master the demands of chiselling without any problems.
- You can choose between highly resistant blades with a long life in standard dimensions.
- The Weidmüller ChromTop blade tip offers maximum protection against rusting and thus maximum dimensional stability of the blade geometry in the screw head over many years.



Weidmüller SoftFinish electric

VDE-insulated screwdriver according to DIN EN 60900, IEC 900 for work on live equipment



The advantages of the product:

- The protective insulation directly injected onto the blade ensures electrical safety even in critical uses
- Safety when working at up to 1500 Volt (DC) and 1000 Volt (AC)
- Every screwdriver is individually tested in a water bath at 10,000 Volt according to DIN EN 60900.
- Comfort when tightening and loosening screws and optimum handling thanks to ergonomically perfect handle design.
- SoftFinish zone made of special soft material prevents slipping in critical situations and at the same time ensures maximum torque.

Symbols



Slot



Cross-head PH



Torx



TriWing



Hexagon socket



Cross-head PZ



Torx TR



Torq-Set



Hexagon insert bit

VDE-insulated screwdrivers
Weidmüller SoftFinish electric

VDE-insulated screwdriver for working on live parts up to AC 1000 V and DC 1500 V.

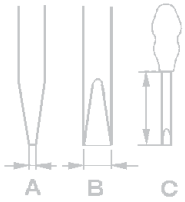
DIN EN 60900, IEC 900.

“GS”-tested,

Individually checked.



Blade made of high-alloy chrome-vanadium-molybdenum-steel, fully hardened, burnished



VDE-insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, negative drive according to DIN 5264, ISO 2380/1, SoftFinish Handle



Order data

Type	Dim. (mm)	A	W	C	Cat. No.
SDI	0.4	2.5	75		9008370000
SDI	0.5	3.0	100		9008380000
SDI	0.6	3.5	100		9008390000
SDI	0.8	4.0	100		9008400000
SDI	1.0	4.5	125		9008910000
SDI	1.0	5.5	125		9008410000
SDI	1.2	6.5	150		9008420000
SDI	1.6	8.0	175		9008430000



VDE-insulated cross-head screwdriver, type Phillips, SDIK PH DIN 7438, ISO 8764/2-PH, negative drive according to DIN 5260-PH, ISO 8764/1-PH, SoftFinish Handle



Order data

Type	Size	Dimension C (mm)	Cat. No.
SDIK PH	0	60	9008560000
SDIK PH	1	80	9008570000
SDIK PH	2	100	9008580000
SDIK PH	3	150	9008590000

VDE-insulated cross-head screwdriver, Type Pozidrive,

SDIK PZ DIN 7438, ISO 8764/2-PZ, negative drive according to DIN 5260-PZ, ISO 8764/1-PZ, SoftFinish Handle



Order data

Type	Size	Dimension C (mm)	Cat. No.
SDIK PZ	1	80	9008900000
SDIK PZ	2	100	9008890000



VDE-insulated TORX® screwdriver, SDIT



Order data

Type	Size	Dimension C (mm)	Cat. No.
SDIT	10	60	9009640000
SDIT	15	80	9009650000
SDIT	20	80	9009660000
SDIT	25	80	9009670000
SDIT	30	100	9009680000
SDIT	40	150	9009690000



VDE-insulated hexagonal box spanner, ISK DIN 7445, negative drive according to DIN 475/2, SoftFinish Handle



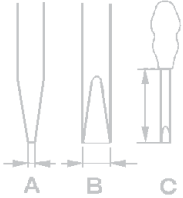
Order data

Type	Dim. (mm)	SW	C	Cat. No.
ISK	5.0	125		9009000000
ISK	5.5	125		9008990000
ISK	6.0	125		9008980000
ISK	7.0	125		9008970000
ISK	8.0	125		9008960000
ISK	9.0	125		9008950000
ISK	10.0	125		9008940000
ISK	11.0	125		9008930000
ISK	13.0	125		9008920000

Screwdrivers

Weidmüller SoftFinish screwdriver

for general applications,
blade made of high-alloy
chrome-vanadium-molybdenum-steel,
fully hardened, matt-chrome finish.



Slot-head screwdriver with round blade,

SD DIN 5265, ISO 2380/2,
negative drive according to DIN 5264,
ISO 2380/1,
Chrome Top tip,
SoftFinish Handle



Order data

Type	Dim. (mm)	A	W	C	Cat. No.
SD	0.4	2.5	75		9009030000
SD	0.5	3.0	80		9008320000
SD	0.6	3.5	100		9008330000
SD	0.8	4.0	100		9008340000
SD	0.8	4.5	125		9009020000
SD	1.0	5.5	150		9008350000
SD	1.2	6.5	150		9009010000



Cross-head screwdriver, type Phillips,

SDK PH DIN 5262, ISO 8764/2-PH,
negative drive according to DIN 5260-PH,
ISO 8764/1-PH,
Chrome Top tip,
SoftFinish Handle



Order data

Type	Size	Dimension C (mm)	Cat. No.
SDK PH	0	60	9008470000
SDK PH	1	80	9008480000
SDK PH	2	100	9008490000
SDK PH	3	150	9008500000

Cross-head screwdriver, type Pozidrive,

SDK PZ DIN 5262, ISO 8764/2-PZ,
negative drive according to DIN 5260-PZ,
ISO 8764/1-PZ,
Chrome Top tip,
SoftFinish Handle



Order data

Type	Size	Dimension C (mm)	Cat. No.
SDK PZ	0	60	9008520000
SDK PZ	1	80	9008530000
SDK PZ	2	100	9008540000
SDK PZ	3	150	9008550000



TORX® screwdriver with drilled hole in the blade tip (tamper-resistant), SD TR

for screwing **TORX®** and
TORX® TR safety screws
(middle pin in profile),
Chrome Top tip, SoftFinish Handle



Order data

Type	Size	Dimension C (mm)	Cat. No.
SD TR	8	60	9009190000
SD TR	10	80	9009180000
SD TR	15	80	9009170000
SD TR	20	100	9009160000
SD TR	25	100	9009150000
SD TR	30	115	9009140000



Hexagonal box spanner,

SK DIN 3125,
negative drive according to DIN 475/2,
SoftFinish Handle

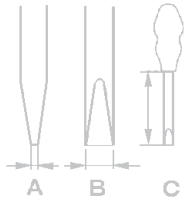


Order data

Type	Dim. (mm)	SW	C	Cat. No.
SK	5.0	125		9009130000
SK	5.5	125		9009120000
SK	6.0	125		9009110000
SK	7.0	125		9009100000
SK	8.0	125		9009090000
SK	9.0	125		9009080000
SK	10.0	125		9009070000
SK	11.0	125		9009060000
SK	12.0	125		9009050000
SK	13.0	125		9009040000

Weidmüller SoftFinish screwdriver

for general applications,
blade made of high-alloy
chrome-vanadium-molybdenum-steel,
fully hardened, matt-chrome finish.



Order data

Type	Size	Dimension C (mm)	Cat. No.
SD STK	8	150	9009700000
SD STK	10	175	9009710000

Slot-head screwdrivers

with solid steel cap,

SD STK DIN 5265, ISO 2380/2,

negative drive according to DIN 5264,
ISO 2380/1,

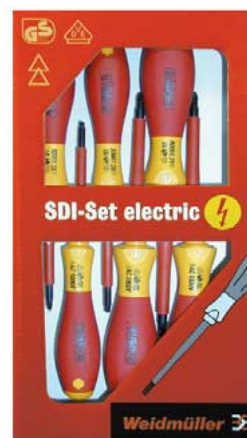
due to solid steel cap can also be used
as a chisel,

SoftFinish Handle



Weidmüller SoftFinish Screwdriver sets

for general applications



6-piece set

**Slot-head and cross-head PH
screwdriver set with round blades**

(cf. individual screwdrivers for a technical description)



Order data

Type	Size	Dim. (mm)	A	B	C	Cat. No.
SD			0.4	2.5	75	
SD			0.5	3.0	80	
SD			0.8	4.0	100	
SD			1.0	5.5	125	
SD PH 1					80	
SD PH 2					100	
Set SDS 2.5-5.5/PH 1/2						9009740000

6-piece set

**TORX® Screwdriver
with drilled hole in the blade tip**

(cf. individual screwdrivers for a technical description)



Order data

Type	Size	Dimension C (mm)	Cat. No.
SD TR	8	60	
SD TR	10	80	
SD TR	15	80	
SD TR	20	100	
SD TR	25	100	
SD TR	30	150	
Set SDS TR 8-30			9009720000

Weidmüller SoftFinish electric

VDE-insulated screwdriver
for working on live parts
up to AC 1000 V
and DC 1500 V.
DIN EN 60900, IEC 900.
“GS”-tested,
Individually checked.



6-piece set

**VDE-insulated slot-head and cross-head
PH screwdriver set**

(cf. individual screwdrivers for a technical description)

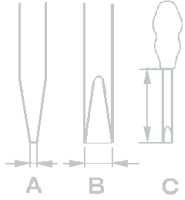


Order data

Type	Size	Dim. (mm)	A	B	C	Cat. No.
SDI			0.4	2.5	75	
SDI			0.5	3.0	100	
SDI			0.8	4.0	100	
SDI			1.0	5.5	125	
SDI PH 1					80	
SDI PH 2					100	
Set SDIS 2.5-5.5/PH 1/2						9009730000

Screwdrivers

Weidmüller SoftFinish System 11+1
 set with interchangeable blades made of high-
 alloy chrome-vanadium-molybdenum-steel,
 fully hardened,
 high-quality galvanisation.



12-piece set with interchangeable blades for slot-head, cross-head PH/PZ-a und hexagonal screws,

SoftFinish handle



Order data

Type	Size	Dim. (mm)	A	B/SW	C	Cat. No.
SD			0.5	3.0	140	
SD			0.8	4.0	140	
SD			1.0	5.0	140	
SD			1.2	6.0	140	
SD PH	1				140	
SD PH	2				140	
SD PZ	1				140	
SD PZ	2				140	
SK				3.0	140	
SK				4.0	140	
SK				5.0	140	
SD System S 3/4/5/6/PH/PZ 1/2/SK 3.0/4.0/5.0						9009750000

12-piece set with interchangeable blades for Tri-Wing®, Torq® and **TORX**® TR safety screws.



Order data

Type	Size	Dimension C (mm)	Cat. No.
TW	1	140	
TW	2	140	
TW	3	140	
TW	4	140	
TS	6	140	
TS	8	140	
SD TR	10	140	
SD TR	15	140	
SD TR	20	140	
SD TR	25	140	
SD TR	30	140	
SD System TW 1/2/3/4/TS 6/8/TR 10/15/20/25/30			9009760000

Allen key set Weidmüller ProStar

Allen key in the handy ProStar holder enables the simplest removal of every individual screw without moving others.

Allen key made of fully hardened chrome-vanadium-steel according to DIN ISO 2936 L (DIN 911), surface highly polished.



9-piece offset screwdriver set in Prostar,

with **MagicRing**: holds standard screws tight in any position thanks to spring steel ring (above size 3), with **round head**: for inserting or removing screws at an angle of 25°.



Order data

Type	SW	Cat. No.
SK WSD-S	1.5/2.0/2.5/3.0/4.0/5.0/6.0/8.0/10.0	9008850000

Weidmüller PocketStar

Allen key in the handy PocketStar holder with release button for a simple choice of individual blades.

Housing made of fibre-glass reinforced plastic.

Allen key made of fully hardened chrome-vanadium-steel according to DIN ISO 2936 L (DIN 911), Surface highly polished.



7-piece Allen key set



Order data

Type	SW	Cat. No.
SK-S	2.0/2.5/3.0/4.0/5.0/6.0/8.0	9008860000

7-piece Allen key set with round head and MagicRing

with MagicRing: holds standard screws tight in any position thanks to spring steel ring (above size 3), with round head: for inserting or removing screws at an angle of 25°.



Order data

Type	SW	Cat. No.
SK-S	2.0/2.5/3.0/4.0/5.0/6.0/8.0 MR	9008870000

8-piece TORX®-TR Allen key set with drilled hole in the blade tip (tamper-resistant),

for screwing **TORX®** and **TORX®-TR** safety screws (middle pin in profile),



Order data

Type	Sizes	Cat. No.
TR-S	TR 9/10/15/20/25/27/30/40	9008880000

Screwdrivers

swifty®set

- Combined screwdriver and cutting tool for squeeze-free cutting of solid copper conductors up to 1.5 mm² (AWG 16) and flexible copper conductors up to 2.5 mm² (AWG 14).



swifty®

- Cable cutter fits onto non-insulated screwdriver with 3.5 mm blade diameter
- Effortless operation
- Automatic opening of the cutting blade
- Ergonomic handle

swifty®set

- Efficient: only one tool for processing cables using IDC technology
- Effective for both screw and tension clamp terminals
- Always at hand, fits in your pocket
- Suitable for both left and right handed people
- Easy to use

Technical data

swifty®	
length / width / height	35 / 18 / 40 mm
weight	20 g

Ordering data

Type	Cat. No.
swifty®	9006020000
swifty®set (including screwdriver)	9006060000
Screwdriver (SD 0.6 x 3.5 x 100)	9008330000

Testers



Tests are highly important when setting up, maintaining and repairing electrical installations and equipment.

The accident prevention regulations "Electrical installations and equipment (VGB 4) require repeated tests after modifications and overhaul in addition to tests before initial commissioning.

The person responsible for setting up the installation is obliged to test the latter or the installation components involved for correct functioning and to establish compliance with the technological regulations, particularly the VDE prescriptions and the technical connection requirements (TAB) of the power supply company. Particular stringent tests are to be applied to the correct nature of the protective measures against excessively high contact voltage. This testing is designed to verify and maintain the requisite conditions in terms of safety engineering.

Tests are performed according to the regulations when voltage and continuity testers from Weidmüller are used.

Testers

UT 2

high impedance voltage tester
for 6...380 V



UT 2

- Bipolar universal tester with auxiliary voltage source

UT 3

High impedance voltage and continuity tester with connectable load of 4 kΩ for 6...690 V



UT 3

Can be used without "4 kΩ RL" button:

- Automatic testing, identification and display of the voltage type (AC/DC) and polarity (DC)
- Clear, staggered LED display with additional acoustic signal emitter
- Phase testing to earth
- Polarity testing
- Continuity testing
- Safe-to-touch due to high input impedance
- Large voltage range
- Battery test
- Function test before and during voltage test

Additional use with "4 kΩ RL" button:

- Test whether capacitive and/or inductive voltages are present
- Discharge of switch capacitors
- Testing of r.c.c.b.
- Self-test of 4 kΩ load

NT 1

Low-impedance voltage tester for DC and AC voltages 6 ... 380 V



NT 1

- Automatic testing, detection and display of the voltage type (AC/DC) and polarity (DC)
- Easy to read LED display
- Approval to VDE 0680

The UT 2 does not comply with the revised VDE regulations 0680, Part 5.

Technical data	
Rated voltage (V AC/DC)	6 ... 380
Input resistance (kΩ)	660
Frequency range (Hz)	40 ... 100
Working temp. range °C	-10 ... +50
Battery	12 V block battery
Ordering data	
Type	Cat. No.
UT 2 (with Battery)	9007000000
Accessories	
Spare battery for UT 2	9007040000

Technical data	
Input impedance (kΩ)	without pressing button "4 kΩ RL" > 660
	with pressing button „4 kΩ RL“ approx. 4
Input voltage V AC, V DC	6 ... 690
Frequency range (Hz)	0 ... 100
Accuracy up to 750 V (T = 25 °C)	1.5 % of display range
Temperature range °C	Storage -10...+50
	Operation -20...+80
Battery	9 V block battery
Peak voltage resistance	5 kVos 1.2/50 μs
Tested and approved in compliance	VDE 0680, Part 5
Protection	IP 40
Insulation testing (kV)	5
Ordering data	
Type	Cat. No.
UT 3 (without Battery)	9004830000
Accessories	
Spare Battery fot UT 3	9004810000

Technical data	
Rated voltage (V AC/DC)	6 ... 380
Surge-proof	up to 5 kVos
VDE 0680, part 5	(1,2/50 μs)
Input resistance (kΩ)	2 ... 50
PTC regulated depending on voltage applied	
Frequency range (Hz)	0 ... 60
Operation temperature range °C	-10... +50
Degree of protection tested according to VDE 0680, part 5	IP 50
Ordering data	
Type	Cat. No.
NT 1	9004820000
Accessories	

DT 1

Microprocessor controlled digital voltage and continuity tester 8...999 V



DT 1

- Automatic testing, identification and display of the voltage type (AC/DC) and the polarity
- Clear LCD display with HOLD function
- Acoustic signal
- Auto on/off
- Integrity and semiconductor testing
- Touch-proof due to high input impedance
- Wide voltage range with automatic range switch
- High peak voltage resistance
- Battery check and automatic monitoring

LSP 1

Two-pole voltage tester and continuity tester 12 ... 690 V



LSP 1

- Automatic testing, identification and display of the voltage type (AC/DC) and the polarity
- Clear, staggered LCD display
- Phase testing to earth
- Polarity testing
- Integrity and semiconductor testing
- Safe-to-touch due high input impedance
- Large voltage range
- Lithium battery and high-performance solar cell
- Phase-sequence indication

Technical data	
Input impedance (kΩ)	> 660
Input voltage V AC, V DC	8 ... 999
Frequency range (Hz)	20 ... 2000
Temperature range °C	Storage -10...+50 Operation -20 ... +80
Battery	9 V block battery
Peak voltage resistance	5 kVos 1.2/50 μs
Tested and approved in compliance	VDE 0680, part 5
Protection	IP 40
Insulation testing (kV)	5

Ordering data	
Type	Cat. No.
DT 1 (without Battery)	9004800000

Accessories	
Spare Battery for DT 1	9004810000

Technical data	
Input impedance (kΩ)	> 500
Phase sequence	bipolar and electrode via triangular LED
Frequency range (Hz)	0 ... 2000
Operation temperature °C	-10... +50
Surge strenght	5 kVos 1.2/50 μs
Tested and approved in compliance	VDE 0680, part 5
Protection	IP 65
Insulation testing (kV)	5

Ordering data	
Type	Cat. No.
LSP 1	9006880000

Automatic machines



Rationalisation of crimping processes increasingly requires automation of individual working stages. "Optimised installation times" are the requirement which the innovative market imposes on its strategic partners.

Automated machines that allow rational processing of the conductor material provide the answer to a future-oriented approach. Flexibility and practicality are a decisive factor here for customers.

With its comprehensive automatic machine range, Weidmüller offers professional and logical solutions for rational cable machining and processing.

Automatic machines

CutFix8 Cable Cutting Machine



CutFix 8

The CutFix 8 is an electrical driven cutting machine and has been designed for cutting single and flexible wires with a max. diameter of 8 mm. CutFix 8 machine is controlled by a microprocessor and is provided with a precise DC servo motor.

- Dimensional accuracy can be optimised via length correction (e.g. for special insulation)
- Adjustable pressure on the cable from the drive
- RS 232 Interface for controlling by an IBM-compatible PC
- The software package supplied with the machine enables the management, the documentation and the transfer of cutting jobs
- Portable control device can be used for defining the cutting jobs

Technical data	
Cutting performance	
Flexible single conductor	0.14...10 mm ²
Solid single conductor	0.5...2.5 mm ²
Opening width	max 8 mm outside ϕ
Feed rate	
Feed rate	1.5 m/sec
Length correction	
Length correction	Slip correction in mm programmable for used item
Key pad	
Key pad	4x4 key for data input
Display	
Display	4 lines/20 digits
Length preset	
Length preset	2 mm to 1000 m
Quantity preset	
Quantity preset	partial quantities selectable
Cut-off	
Cut-off	at end of cable
Memory	
Memory	up to 256 cutting jobs
serial interface	
serial interface	1
Software	
Software	for data exchange to IBM-compatible PC
Electric connection	
Electric connection	230V/50 Hz
Consumption	
Consumption	approx. 200 W
Size W x D x H (mm)	
Size W x D x H (mm)	330/380/498 with key pad 330/380/408 with out key pad
Weight	
Weight	approx. 23.7 Kg
Ordering data	
Type	Cat. No.
CutFix 8	9023100000

CCM Cable cutting machine



CCM

The CCM microprocessor-controlled cable cutting machine cuts to length ribbon cables, round cables, insulating conduits and tubes. The high repeat accuracy is achieved by optimal drive precision provided by a wear-free asynchronous motor.

For particular requirements, e.g. special insulation, the dimensional accuracy can be optimised via length correction. The pressure on the cable from the drive can be adjusted by the built-in pressure regulator that controls the pneumatic opening.

Via an RS 232 interface the CCM can be controlled by an IBM-compatible PC with

appropriate storage medium.

Appropriate software can be provided for management, documentation and transfer of the cutting jobs. Standard built-in interfaces permit the creation of a modular system that includes cable marking, inkjets, roll-off/roll-on drum storage, feed units and stackers.

The CCM has been designed for the stationary preparation of medium and large cable series. Handles permit, however, easy relocation.

Technical data	
Cutting force	
Cutting force	approx. 2300 N at 6 bar operating pressure
Opening width	
Opening width	75 mm
Opening height	
Opening height	40 mm
Ribbon cable	
Ribbon cable	max. cable width 75 mm
Flexible single conductor	
Flexible single conductor	0.08...70 mm ²
Solid single conductor	
Solid single conductor	0.08...16 mm ²
Insulating conduit and tubing	
Insulating conduit and tubing	up to nominal width 29 mm
Feed rate	
Feed rate	max. 2.5. m/sec. programmable
Length correction	
Length correction	Slip correction in mm, programmable for used item
Key pad	
Key pad	4 x 4 key for data input 4 direct function keys
Display	
Display	4 line / 40 characters
Length preset	
Length preset	2 mm to 1000 m
Quantity preset	
Quantity preset	partial quantities selectable
Cut-off	
Cut-off	at end of cable
Memory	
Memory	up to 200 cutting jobs
serial interface	
serial interface	1
Software	
Software	for data exchange to IBM-compatible PC additional programs for inkjet and stamp machine
Electric connection	
Electric connection	220 V/50 Hz
Consumption	
Consumption	approx. 400 W
Compressed air connection	
Compressed air connection	4-10 bar
Size W x D x H	
Size W x D x H	370 x 430 x 290 mm
Exit width	
Exit width	200 mm
Weight	
Weight	approx. 35 kg
Ordering data	
Type	Cat. No.
CCM	9025440000

**Powerstripper 6.0
Powerstripper 16.0
Stripping machine**



Powerstripper 6.0 / 16

Der Powerstripper ist eine elektromotorisch angetriebene Abisoliermaschine für die zeitsparende und rationelle Bearbeitung von Leitern.

- Electrically driven stripper
- Strips flexible conductors DIN VDE 0295, KL. 5
- Partial stripping. The insulation hangs on end of conductor
- No tool change
- Easy and quick adjustment to conductor cross-section
- Stripping range 0.14 - 6.0 mm²
- Strips conductors up to an outer diameter of 5 mm
- Stripping length 3 - 20 mm
- Min. conductor length 22 mm plus stripping length

It is used for medium to small stripping series
The machine is characterised by rapid and simple operation.

Technical data	
Powerstripper 6.0	
Stripping range	0.14 - 6.0 mm ²
Stripping length	3 - 20 mm
Min. conductor length	22 mm + Stripping length
Electrical connection	230 V/50 Hz
Power consumption	46 VA
Cycles	2400 per hour
Size D x W x H	294 x 180 x 190
Weight	8.8 kg

Powerstripper 16	
Stripping range	2.5 - 16 mm ² AWG 14 -16
Stripping length	3 - 20 mm
Pull of length	3 - 20 mm
Min. conductor length	22 mm + Stripping length
Electrical connection	230 V/50 Hz
Power consumption	46 VA
Cycles	approx.. 1.5 s
Size D x W x H	294 x 180 x 190
Weight	9 kg

Ordering data	
Type	Cat. No.
Powerstripper 6.0	9028510000
Powerstripper 16	9028480000

**Powerstripper auto 2.5
Powerstripper auto 16.0
Stripping machine**



Powerstripper auto 2.5 / 16

The electrical driven stripping machine is equipped with a mechanical sensing system which detects the wire diameter and after that defines the cutting depth. Exact stripping of different insulated wires is possible. The adjustments for stripping length and pull of length are very easy to handle.

- Electrically driven stripper
- Strips flexible conductors DIN VDE 0295, KL. 5
- Partial stripping. The insulation hangs on end of conductor
- No tool change
- Automatic setting to the appropriate conductor cross-section
- Stripping range 0,5 bis 16,0 mm²
- Stripping length 13 bis 28 mm
- Min. conductor length 32 mm plus stripping length

Technical data		
Powerstripper auto		
	2.5-20	2.5-30
Stripping range	0.5 - 2.5 mm ² AWG 20-14	0.5 - 2.5 mm ² AWG 20-14
Stripping length	3 - 20 mm	13 - 28 mm
Pull of length	1 - 20 mm	1 - 20 mm
Min. conductor length	22 mm + Stripping length	32 mm + Stripping length
Electrical connection	230 V/50 Hz/46 VA	230 V/50 Hz/46 VA
Cycles	approx. 0.5 s	approx. 0.5 s
Size D x W x H	294 x 180 x 190 mm	294 x 180 x 190 mm
Weight	9 kg	9 kg

Powerstripper auto		
	16-20	16-30
Stripping range	4 - 16 mm ² AWG 12 -6	4 - 16 mm ² AWG 12 -6
Stripping length	3 - 20 mm	13 - 28 mm
Pull of length	1 - 20 mm	1 - 20 mm
Min. conductor length	22 mm + Stripping length	32 mm + Stripping length
Electrical connection	230 V/50 Hz/46 VA	230 V/50 Hz/46 VA
Cycles	approx. 1.5 s	approx. 1.5 s
Size D x W x H	294 x 180 x 220 mm	294 x 180 x 220 mm
Weight	9 kg	9 kg

Ordering data	
Type	Cat. No.
Powerstripper auto 2.5-20	9027270000
Powerstripper auto 2.5-30	9027280000
Powerstripper auto 16-20	9027290000
Powerstripper auto 16-30	9027300000

Automatic machines

Crimpfix 2.5 Stripping and crimping machine



Crimpfix 2.5

Crimpfix 2.5 is the first electrically driven automatic stripping and crimping machine to be presented on the market. It features a new cam-controlled drive mechanism which obviates the need of pneumatic support. This reasonably priced, portable machine is ideal for the cable preparation of small and medium series conductors. It can be used anywhere, just plug it in. It features a quick setting system to the sections, which makes die changing unnecessary.

- Strips and crimps ferrules in strip form with plastic insulating collars in the range of 0.5 - 2.5 mm²
- No die changing necessary - time-saving and rational preparation
- Electric drive for flexible, quick and easy use

Technical data

Electrical connection	230 V/50 Hz
Processing time	approx. 2 s
Size D x W x H	240 x 340 x 210 mm
Weight	12 kg

Ordering data

Type	Cat. No.
Crimpfix 2.5	9020070000

Ferrules in strip form see pages 74 - 75

Crimpfix universal / Crimpfix universal K Stripping and crimping machine



Crimpfix universal / K

Crimpfix universal is an electronically controlled stripping and crimping machine for time-saving and efficient processing of ferrules in strip form or on reel with plastic collars.

The crimping machine can be computer-controlled via an input interface.

It is designed for stationary preparation of medium volume series of conductors.

It can be used wherever small to medium volume series of ferrules need to be processed.

- Electrically / pneumatically driven stripping and crimping machine
- Stripping and crimping in one operation

- Stripping and crimping of linked up wire end ferrules on reels with plastic collar from 0.14 to 2.5 mm²
- Time saving and efficient processing of ferrules in strip form or on reel with plastic collars
- Tray to take ferrules on reel
- No tool change with Crimpfix universal.
- Simple tool change with Crimpfix universal K for 0.34 mm²
- Easily set to respective cross-section

Technical data

Crimpfix universal	
Stripping range	0.5 - 2.5 mm ²
Stripping length	8 mm
Electrical connection	230 V/50 Hz
Compressed air connection	5 bar
Processing time	approx. 1 s
Size D x W x H	300 x 310 x 310
Weight	23 kg

Crimpfix universal K

Stripping range	0.34 - 1 mm ²
Stripping length	8 mm
Electrical connection	230 V/50 Hz/20 VA
Compressed air connection	5 bar
Processing time	approx. 1 s
Size D x W x H	390 x 310 x 415
Weight	23 kg

Ordering data

Type	Cat. No.
Crimpfix universal	9028500000
Crimpfix universal K	9027320000

Ferrules in strip form see pages 74 - 75

**Crimpfix L
Crimpfix LS
Stripping and
crimping machines**



Crimpfix L / LS

The electrically/pneumatically driven automatic stripping and crimping machines represent a new generation of automatic machines for rational preparation of loose ferrules with plastic insulating collars.

These machines have been designed for the complete preparation, stripping and crimping of medium series conductors in one operation in the cross-section range of 0.5...2.5 mm².

- Fully electronic control
- Vibrating feeder for receiving ferrules
- Quick setting to the required cross-section range
- Conversion to non-standard sizes possible
- No die changing necessary - time-saving and rational preparation

Technical data		
	Crimpfix L	Crimpfix LS
Stripping range	0.5 - 2.5 mm ²	0.5 - 1.5 mm ² 0.5 - 2.5 mm ²
Stripping length	14 mm	12/16 mm 14 mm or special sizes
Electrical connection	230 V/50 Hz	230 V/50 Hz
Compressed air connection		5 bar
Size W x D x H	240 x 340 x 210 mm	240 x 340 x 210 mm
Processing time	approx. 1 s	approx. 1 s
Weight	approx. 25 kg	approx. 25 kg

Ordering data	
Type	Cat. No.
Crimpfix L	9028530000
Crimpfix LS	9028540000

Ferrules see pages 74 - 79

**Crimpfix LZ
Stripping and
crimping machines**



Crimpfix LZ

The Crimpfix LZ crimping automatic machine is an electro-pneumatically driven stripping and crimping automatic machine for processing twin wire end ferrules. The wire end ferrules are fed automatically via an oscillating conveyor set-up.

The Crimpfix LZ was developed for preparing conductors in medium-batch series for stationary use.

The automatic machine can be operated quickly and easily.

- Fully electronic control
- Oscillating conveyor for the transfer of wire end ferrules
- Fast setting of the desired cross-section area
- No tool change, which allows time-saving and rational processing
- Stripping and crimping of twin wire end ferrules from 0.5 to 1.5 mm²

Technical data	
	Crimpfix LZ
Stripping range	2x0.5 - 2x1.5 mm ²
Stripping length	8 mm
Electrical connection	230 V/50 Hz/20 VA
Compressed air connection	5 bar
Size W x D x H	390 x 330 x 460 mm
Processing time	approx. 1 s
Weight	approx. 31 kg

Ordering data	
Type	Cat. No.
Crimpfix LZ	9027310000

Ferrules see pages 74 - 79

Automatic machines

CA 100 Stripping and crimping machine



CA 100

CA 100 is an electronically controlled stripping and crimping machine for time-saving and efficient processing of loose ferrules.

It is designed for stationary preparation of medium-volume series of conductors.

The machine is characterised by rapid and simple operation.

- Stripping and crimping in one operation
- Electrical-pneumatic drive
- Stripping and crimping range 0.25 .. 6.0 mm²
- Processes ferrules of various length
- Rapid and easy conversion
- Vibration feeder takes loose ferrules

Technical data	CA 100/2.5	CA 100/6
Crimping range using respective tool (mm ²)*	0.25 ... 2.5	4 ... 6
Drive	pneumatic	
Compressed air connection	5 - 6 bar	
Electrical connection	230 V/50 Hz	
Air consumption	ca. 2 NL to 5 bar per stroke	
Crimping	trapezoidal with exchangeable tools depending on length and cross-section of the ferrule	
Size W x D x H	410 x 450 x 270 + 140 mm	
Weight	40 kg	

Ordering data	Cat. No.
Type	
CA 100 (0.25...0.34 mm ²)	9026130000
CA 100 (0.5...0.75 mm ²)	9026000000
CA 100 (1.0...1.5 mm ²)	9026020000
CA 100 (2.5 mm ²)	9026040000

* Each of the above crimping machines can be set to cross-sections between 0.25 and 2.5 or 4 and 6 mm²

Ferrules see pages 74 - 78

Detailed offer available on request

CA 4/8 Indent Stripping and crimping machine



CA 4/8 Indent

The CA 4/8 Indent automatic crimper is an electro-pneumatically driven stripping and crimping automatic machine for processing loose, twisted pin and socket contacts. The contacts are fed automatically via an oscillating conveyor set-up. The stripping and crimping depth can be adjusted by a motor. It is possible to store 14 programs, comprising the stripping and associated crimping depth.

The machine is equipped with titanium coated V blades as standard. With the help of the appropriate tools, the automatic crimper may be converted to various contacts and/or conductors.

It was developed for preparing conductors in medium-batch series for stationary use.

The automatic machine can be operated quickly and easily.

- Stripping and crimping in one operation
- Electrical-pneumatic drive
- Strips and crimps 0.14 .. 2.5 mm²
- Processes loose twisted pin and socket contacts
- Rapid and simple make-ready
- Vibration-feeder takes 500 loose machined contacts
- 4/8-Indent crimp conforms with MIL C-22520
- Program memory for 14 contact variants
- Adjustment of stripping and crimping depth by means of electric motor

Technical Data	
Stripping range	0.14 - 2.5 mm ²
Connection	220 V / 50 Hz / 115 VA
Drive	pneumatic
Compressed air connection	5 bar
Min. infeedlength	32 mm
Processing time	approx. 4 s
Size W x D x H	450 x 490 x 420 mm
Weight	45 kg

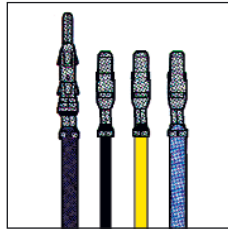
Options: special blade fixture (profile blade, V-radius blade), special fixing device for stranded wires, shortened insertion length, monitoring of entry, feed equipped with selection unit, control of crimping force, interface

Note on ordering

The machine is set up using sample contacts from the user to suit the user's requirements. For this we need the name of the manufacturer, the type designation and the cross-sections for the supplied contacts.

Detailed offer available on request.

Crimping machine CM 6



CM 6

The CM6 Crimping machine processes wire end ferrules and punched contacts in the form of strips.

Depending on the application, the CM6 Crimper is equipped with the appropriate crimping unit and/or the appropriate stripping unit.

- Stripping and crimping in a single operation
- Easy installation and setting-up
- Low maintenance
- Wearing parts can be replaced in minutes
- Different rapid change tools may be combined with the same stripping device

Technical Data

Drive	pneumatic
Compressed air connection	5 bar
Stroke	40 mm
Stroke period	0.3 sec.
Upper / lower dead centre	continuously adjustable
Cond. cross section that can be processed	up to 6 mm ²
Drive	three-phase motor with electronic brake
	0.75 kW, 380 V, 50 Hz, 3 phase
	(other voltages available on request)
Weight	50 kg
Hand wheel for setting up the tools	

Ordering note

The crimping machine is equipped according to the requirements of the user.
 For processing wire end ferrules, both the conductor cross-section and the type of conductor insulation should be stated.
 For processing punched contacts, in addition to the sample contacts, the manufacturer's name and the type designation and cross-section assignment are also required.

Detailed offer available on request.

Accessories



Weidmüller provides a comprehensive range of accessories.

Wire end ferrules

Using wire end ferrules guarantees long-term consistent quality of your electrical connection. The distinct advantages in assembly provide the additional benefit.

Weidmüller passes these utilization advantages directly on to the customer via its comprehensive product range. The product range includes wire end ferrules with or without plastic collars and all color versions commonly available on the market.

Crimping sets

Workshops and factories know the meaning of well-organized tool selections. Savings in searching and preparation time have a positive effect from the point of view of company economics.

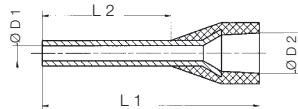
Weidmüller has recognized these important aspects. The result is combinations of products that distinguish themselves for different customer requirements via their practicality. Our crimping sets for cutting, stripping and crimping of wire end ferrules provide you with practical works equipment.

Specialist tools

Please refer to the following catalogue pages for further **specialist tools** in the Weidmüller product range.

Accessories

Ferrules with plastic collars



	Nominal-cross section (mm ²)	AWG	Dimensions (mm)				Stripping-length		Qty.
			L 1	L 2	D 1	D 2	mm		
0.14	0.14	26	10	6	0.6	1.5	8	500	
	0.14	26	12	8	0.6	1.5	10	500	
0.25	0.25	24	10	6	0.8	1.8	8	500	
	0.25	24	12	8	0.8	1.8	10	500	
0.34	0.34	22	10	6	0.8	2	8	500	
	0.34	22	12	8	0.8	2	10	500	
0.5	0.5	20	10	6	1	2.6	8	500	
	0.5	20	12	6	1	2.6	8	500	
	0.5	20	14	8	1	2.6	10	500	
	0.5	20	14	8	1	2.6	10	5000	
0.75	0.75	20	16	10	1	2.6	12	500	
	0.75	18	12	6	1.2	2.8	8	500	
	0.75	18	14	8	1.2	2.8	10	500	
	0.75	18	14	8	1.2	2.8	10	5000	
1	0.75	18	16	10	1.2	2.8	12	500	
	1	17	12	6	1.4	3	8	500	
	1	17	14	8	1.4	3	10	500	
	1	17	14	8	1.4	3	11	5000	
1.5	1	17	16	10	1.4	3	12	500	
	1	17	18	12	1.4	3	15	500	
	1.5	16	14	8	1.7	3.5	10	500	
	1.5	16	14	8	1.7	3.2	10	5000	
2.5	1.5	16	14	8	1.7	3.2	10	500	
	1.5	16	14	8	1.7	3.2	10	500	
	1.5	16	16	10	1.7	3.5	12	500	
	1.5	16	18	12	1.7	3.5	15	500	
4	1.5	16	24	18	1.7	3.5	20	500	
	2.5	14	14	8	2.2	4.2	10	500	
	2.5	14	14	8	2.2	4	11	3000	
	2.5	14	14	8	2.2	4	11	500	
6	2.5	14	18	12	2.2	4.2	14	500	
	2.5	14	24	18	2.2	4.2	20	500	
	4	12	17	10	2.8	4.8	12	500	
	4	12	20	12	2.8	4.8	14	500	
10	4	12	26	18	2.8	4.8	20	500	
	6	10	20	12	3.5	6.3	14	100	
	6	10	26	18	3.5	6.3	20	100	
	10	7	22	12	4.5	7.6	15	100	
16	10	7	28	18	4.5	7.6	21	100	
	16	6	24	12	5.8	8.8	15	100	
25	16	6	28	18	5.8	8.8	21	100	
	25	3	30	16	7.3	11.2	18	50	
35	25	3	36	22	7.3	11.2	24	50	
	35	2	30	16	8.3	12.7	19	50	
50 ...	35	2	30	18	8.3	12.7	21	50	
	35	2	39	25	8.3	12.7	28	50	
	50	1	36	20	10.3	15	26	50	
	50	1	40	25	10.3	15	31	50	
	70	2/0	37	20	12.7	16	26	25	
	95	3/0	44	25	14.7	18	31	25	
	120	4/0	50	30	16.5	21	36	25	
	150	300 MCM	54	32	18.5	23.5	38	25	

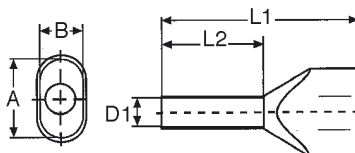
Weidmüller standard

Type	Colour	Cat. No.	Strip pack Cat. No.	Ferrules in strip form Cat. No.	Ferrules on reels Cat. No.
H 0.14/10	grey		9005180000		
H 0.14/12	grey		9028240000		
H 0.25/10	light blue	9025740000	9026050000		
H 0.25/12	light blue	9025760000	9025780000		
H 0.34/10	torquoise	9025750000	9026030000		
H 0.34/12	torquoise	9025770000	9025790000		
H 0.34/12	torquoise				9004390000
H 0.5/10	orange		9028260000		
H 0.5/12	orange	0409500000			
H 0.5/14	orange	0690700000	9026060000	9004270000	
H 0.5/14	orange				9005810000
H 0.5/16	orange	9025870000	9028270000		
H 0.75/12	white	0409600000	9028280000		
H 0.75/14	white	0462900000	9026070000	9004290000	
H 0.75/14	white				9005820000
H 0.75/16	white	9025860000	9028290000		
H 0.75/18	white	9025910000	9028300000		
H 1/12	yellow	0409700000	9028310000		
H 1/14	yellow	0463000000	9026080000	9004320000	
H 1/14	yellow				9005830000
H 1/16	yellow	9025950000	9028320000		
H 1/18	yellow	9025930000	9028340000		
H 1.5/14	red	0463100000	9026090000		
H 1.5/14	red				9005840000
H 1.5/14	red			9004340000	
H 1.5/16	red	0635100000	9028350000		
H 1.5/24	red	0565600000			
H 2.5/14 D	blue	9019160000	9026100000		
H 2.5/14 D	blue				9005850000
H 2.5/14 D	blue			9004360000	
H 2.5/18 D	blue	9019170000			
H 2.5/24 D	blue	9019180000			
H 4/17 D	grey	9019190000	9026010000*		
H 4/20 D	grey	9019200000			
H 4/26 D	grey	9019210000			
H 6/20	black	0533500000			
H 6/26	black	0565700000			
H 10/22	ivory	0534200000			
H 10/28	ivory	0565800000			
H 16/24	green	0565900000			
H 16/28	green	0566000000			
H 25/30	brown	0317000000			
H 25/36	brown	0317100000			
H 35/30	beige	0317200000			
H 35/39	beige	0317300000			
H 50/36	oliv	0444200000			
H 70/40	yellow	9028200000			
H 95/44	red	9028210000			
H 120/50	blue	9028220000			
H 150/54	yellow	9028230000			

Strip pack 5 x 100 ferrules
* 5 x 50 ferrules

Accessories

Twin ferrules with plastic collars



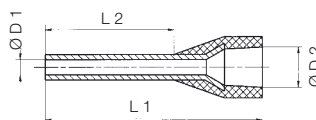
	Nominal-cross section (mm ²)	AWG	Dimensions (mm)			Stripping-length		mm	Qty.
			L 1	L 2	D 1	A/B			
0.5	0.5	20	15	8	1.4	5/3	11	500	
	0.5	20	16	10	1.4	5/3	13	500	
	0.5	20	19	12	1.4	5/3	15	500	
0.75	0.75	18	15	8	1.7	5.5/3	11	500	
	0.75	18	17	10	1.7	5.5/3	13	500	
	0.75	18	24	18	1.7	5.5/3	21	500	
1	1.0	17	16	8	2.2	6.5/3.6	12	500	
	1.0	17	15	8	2.0	5.8/3.2	12	500	
	1.0	17	19	12	2.0	5.8/3.2	16	500	
	1.0	17	25	18	2.0	5.8/3.2	22	500	
1.5	1.5	16	16	8	2.2	6.5/3.6	11	500	
	1.5	16	20	12	2.2	6.5/3.6	15	500	
	1.5	16	26	18	2.2	6.5/3.6	21	500	
2.5	2.5	14	19	10	2.8	8/4.5	13	500	
	2.5	14	19	10	2.8	8/4.5	13	250	
	2.5	14	21	12	2.8	8/4.5	15	500	
	2.5	14	21	12	2.8	8/4.5	15	250	
	2.5	14	27	18	2.8	8/4.5	21	500	
4	4.0	12	22	12	3.5	9/5.2	15	100	
	4.0	12	28	18	3.5	9/5.2	21	100	
6	6.0	10	25	12	4.5	11.4/6.2	20	100	
	6.0	10	29	18	4.5	11.4/6.2	24	100	
10	10.0	7	24	12	5.8	13.4/7.6	17	100	
	10.0	7	30	18	5.8	13.4/7.6	23	100	
	10.0	7	24	12	6.5	13.4/7.6	17	100	
	10.0	7	30	18	6.5	13.4/7.6	23	100	
16	16.0	6	29	16	8.3	17.2/9.5	20	50	
	16.0	6	38	25	8.3	17.2/9.5	29	50	

Weidmüller standard

Type	Colour	Cat. No.	Strip pack Cat. No.
H 0.5/15	orange	9037200000	9004440000*
H 0.5/16.5	orange	9037210000	
H 0.5/18.5	orange	9037220000	
H 0.75/15	white	9037230000	9018510000*
H 0.75/17	white	9037240000	9004900000*
H 0.75/24.5	white	9037250000	
H 1/15S	yellow	9018690000	9018650000*
H 1/15	yellow	9037260000	9018530000*
H 1/20	yellow	9037270000	9004910000*
H 1/25.6	yellow	9037280000	
H 1.5/16	red	9037290000	9004410000*
H 1.5/20	red	9037300000	9004920000*
H 1.5/25.6	red	9037310000	
H 2.5/18.5D	blue	9037500000	
H 2.5/18.5D	blue		9004430000**
H 2.5/20.5D	blue	9037510000	
H 2.5/20.5D	blue		9004740000**
H 2.5/26.5D	blue	9037520000	
H 4/22D	grey	9037530000	9004730000***
H 4/28D	grey	9037540000	
H 6/25	black	9037320000	9004930000***
H 6/29	black	9037330000	
H 10/26	ivory	9037340000	9004940000***
H 10/30	ivory	9037350000	
H 10/24 S	ivory	9018860000	
H 10/30 S	ivory	9018870000	
H 16/29	green	9037360000	
H 16/38	green	9037370000	

* 5 x 100 ** 5 x 50 *** 5 x 20

Ferrules for short-circuit-proof and earthing-proof conductors



	Nominal-cross section (mm ²)		Dimensions (mm)				Stripping-length		Qty.	Type	Colour	Strip pack Cat. No.
	mm ²	AWG	L 1	L 2	D 1	D 2	mm					
1.5	1.5	16	17.5	8	1.8	6.8	13	100	H 1.5/17.5XS	black	9006590000	
	1.5	16	19.5	10	1.8	6.8	15	100	H 1.5/19.5XS	black	9006630000	
2.5	2.5	14	17.5	8	2.3	7.6	14	100	H 2.5/17.5XS	blue	9006670000	
	2.5	14	21.5	12	2.3	7.6	17	100	H 2.5/21.5XS	blue	9006710000	
4	4	12	19.5	10	2.9	7.8	14	100	H 4/19.5XS	grey	9006750000	
6	6	10	23	12	3.6	8.1	17	100	H 6/23XS	yellow	9006790000	
10	10	7	24	12	4.6	9.6	17	100	H 10/24.5XS	red	9006830000	
16	16	6	25.5	12	6	11.9	26	100	H 16/25.5XS	blue	9006870000	

DIN

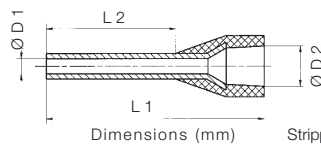
Type	Colour	Cat. No.	Strip pack Cat. No.
H 0.5/15D	white	9037380000	9004780000*
H 0.5/16.5D	white	9037390000	
H 0.5/18.4D	white	9037400000	
H 0.75/15D	grey	9037410000	9018520000*
H 0.75/17D	grey	9037420000	9004770000*
H 0.75/24.5D	grey	9037430000	
H 1/15D	red	9037440000	9018540000*
H 1/20D	red	9037450000	9004760000*
H 1/25.6D	red	9037460000	
H 1.5/16D	black	9037470000	9004420000*
H 1.5/20D	black	9037480000	9004750000*
H 1.5/25.6D	black	9037490000	
H 2.5/18.5D	blue	9037500000	
H 2.5/18.5D	blue		9004430000**
H 2.5/20.5D	blue	9037510000	
H 2.5/20.5D	blue		9004740000**
H 2.5/26.5D	blue	9037520000	
H 4/22D	grey	9037530000	9004730000***
H 4/28D	grey	9037540000	
H 6/25D	yellow	9037550000	9004720000***
H 6/29D	yellow	9037560000	
H 10/26D	red	9037570000	9004710000***
H 10/30D	red	9037580000	
H 10/24 DS	red	9018880000	
H 10/30 DS	red	9018890000	
H 16/29D	blue	9037590000	
H 16/38D	blue	9037600000	

Others

Type	Colour	Cat. No.	Strip pack Cat. No.
H 0.5/15	orange	9037200000	
H 0.5/16.5	orange	9037210000	
H 0.5/18.5	orange	9037220000	
H 0.75/15T	light blue	9037610000	9018570000*
H 0.75/17T	light blue	9037620000	9005140000*
H 0.75/24.5T	light blue	9037630000	
H 1/15D	red	9037440000	9018540000*
H 1/20D	red	9037450000	9004760000*
H 1/25.6D	red	9037460000	
H 1.5/16D	black	9037470000	9004420000*
H 1.5/20D	black	9037480000	9004750000*
H 1.5/25.6D	black	9037490000	
H 2.5/18.5T	grey	9037640000	
H 2.5/18.5T	grey		9018580000**
H 2.5/20.5T	grey	9037650000	
H 2.5/20.5T	grey		9005150000**
H 2.5/26.5T	grey	9037660000	
H 4/22T	orange	9037670000	9018590000***
H 4/28T	orange	9037680000	
H 6/25T	green	9037690000	9005160000***
H 6/29T	green	9037700000	
H 10/26T	brown	9037710000	9005170000***
H 10/30T	brown	9037720000	
H 16/29T	white	9037730000	
H 16/38T	white	9037740000	

* 5 x 100 ** 5 x 50 *** 5 x 20

Ferrules with plastic collars special sizes

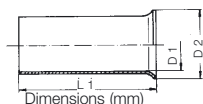


	Nominal-cross-section (mm ²)	AWG	Dimensions (mm)				Stripping-length mm	Qty.	Type	Colour	Cat. No.	Strip pack Cat. No.
			L 1	L 2	D 1	D 2						
0.5	0.5	20	14	8	1	2.9	10	500	H 0.5/14 S	orange	9004560000	
	0.5	20	14	8	1	2.9	10	500	H 0.5/14 DS	white	9004590000	
0.75	0.75	18	14	8	1.2	3.4	10	500	H 0.75/14 S	white	9025960000	9025700000*
	0.75	18	14	8	1.2	3.4	10	500	H 0.75/14 TS	light blue	9018550000	
1	1	17	14	8	1.4	3.5	10	500	H 1/14 S	yellow	9025970000	9025710000*
	1	17	14	8	1.4	3.5	10	500	H 1/14 DS	red	9018560000	
1.5	1.5	16	12	6	1.7	3.5	8	500	H 1.5/12 S	red	9025690000	
	1.5	16	14	8	1.7	3.9	10	500	H 1.5/14 S	red	9025980000	9025720000*
	1.5	16	14	8	1.7	3.9	10	500	H 1.5/14 DS	black	9025240000	9028360000*
2.5	2.5	14	12	6	2.2	4.2	8	500	H 2.5/12 DS	blue	9028490000	
	2.5	14	14	8	2.2	4	10	500	H 2.5/14 DS	blue	1333100000	
	2.5	14	16	10	2.2	4.2	13	500	H 2.5/16 DS	blue	9036220000	
	2.5	12	12	6	2.2	4.2	8	500	H 2.5/12 TS	grey	9036200000	
	2.5	14	14	8	2.2	4.2	10	500	H 2.5/14 TS	grey	9426770000	
2.5	14	14	16	10	2.2	4.2	13	500	H 2.5/16 TS	grey	9036210000	
4.0	4.0	12	14	8	2.8	4.8	10	500	H 4.0/14 DS	grey	9028520000	
	4.0	12	15	8	2.8	4.8	12	500	H 4.0/15 TS	orange	9036230000	

* 5 x 100 ferrules

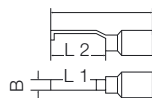
Accessories

Ferrules without plastic collars



		Nominal cross-section		Dimensions (mm)			Stripping-length		Type	Cat. No.
		(mm ²)	AWG	L 1	D 1	D 2	mm	Qty.		
0.25		0.25	24	5	0.7	1.65	5	1000	H 0.25/5	9018910000
0.5		0.5	20	6	1	2.1	6	1000	H 0.5/6	0282600000
		0.5	20	10	1	2.1	10	1000	H 0.5/10	9004050000
0.75		0.75	18	6	1.2	2.3	6	1000	H 0.75/6	0282700000
		0.75	18	10	1.2	2.3	10	1000	H 0.75/10	0542500000
1		1	17	6	1.4	2.5	6	1000	H 1/6	0372600000
		1	17	10	1.4	2.5	10	1000	H 1/10	0282800000
1.5		1.5	16	7	1.7	2.8	7	1000	H 1.5/7	0372700000
		1.5	16	10	1.7	2.8	10	1000	H 1.5/10	0186500000
		1.5	16	12	1.7	2.8	12	1000	H 1.5/12	9004060000
		1.5	16	18	1.7	2.8	18	1000	H 1.5/18	9004070000
2.5		2.5	14	7	2.2	3.4	7	1000	H 2.5/7	0373000000
		2.5	14	10	2.2	3.4	10	1000	H 2.5/10	9004080000
		2.5	14	12	2.2	3.4	12	1000	H 2.5/12	0186100000
		2.5	14	18	2.2	3.4	18	1000	H 2.5/18	9004090000
4		4	12	9	2.8	4	9	500	H 4/9	0373100000
		4	12	12	2.8	4	12	1000	H 4/12	0244100000
		4	12	15	2.8	4	15	1000	H 4/15	9004100000
		4	12	18	2.8	4	18	1000	H 4/18	9004110000
6		6	10	10	3.5	4.7	10	500	H 6/10	9004120000
		6	10	12	3.5	4.7	12	500	H 6/12	0191900000
		6	10	15	3.5	4.7	15	500	H 6/15	0124700000
		6	10	18	3.5	4.7	18	500	H 6/18	9004130000
10		10	7	12	4.5	5.8	12	500	H 10/12	0282900000
		10	7	15	4.5	5.8	15	500	H 10/15	0124800000
		10	7	18	4.5	5.8	18	500	H 10/18	0379300000
16		16	6	12	5.8	7.5	12	500	H 16/12	0492500000
		16	6	15	5.8	7.5	15	500	H 16/15	0124300000
		16	6	18	5.8	7.5	18	100	H 16/18	0375200000
		16	6	25	5.8	7.5	25	100	H 16/25	9004150000
		16	6	32	5.8	7.5	32	100	H 16/32	9004160000
25		25	3	15	7.3	9.5	15	250	H 25/15	0124400000
		25	3	18	7.3	9.5	18	100	H 25/18	0375300000
		25	3	25	7.3	9.5	25	100	H 25/25	9004170000
		25	3	32	7.3	9.5	32	100	H 25/32	9004180000
35		35	2	18	8.3	11	18	100	H 35/18	0368900000
		35	2	25	8.3	11	25	100	H 35/25	9004190000
		35	2	30	8.3	11	30	500	H 35/30 S	9451000000
		35	2	32	8.3	11	32	100	H 35/32	9004200000
50 ...		50	1	18	10.3	13	18	100	H 50/18	9004210000
		50	1	25	10.3	13	25	100	H 50/25	9025880000
		50	1	32	10.3	13	32	100	H 50/32	9004220000
		70	2/0	25	12.5	15	25	50	H 70/25	9004230000
		70	2/0	32	12.5	15	32	50	H 70/32	9004240000
		95	3/0	25	14.5	17	25	50	H 95/25	9004250000
		95	3/0	32	14.5	17	32	50	H 95/32	9004260000
		120	4/0	32	16.5	19	32	50	H 120/32	9036240000
		150	300 MCM	32	18.5	21	32	50	H 150/32	9036250000
		185	350 MCM	32	20	23.5	32	50	H 185/32	9036260000

Hook-shaped cable lugs in accordance with ESI 50-18 part 2



		Nominal-cross-section		Dimensions (mm)			Qty.	Type	Cat. No.
		(mm ²)	AWG	L 1	L 2	B			
0.25...1.5	24	27.2	16.75	4.6		2	HB 1-17	9036290000	
1.0...2.5	24	27.2	16.75	3.0		2	HB 1-13	9036300000	

Ferrule Boxes

- Weidmüller colour coding
- DIN colour coding



Ferrule Box

Box **filled** with ferrules with plastic collars in Weidmüller or DIN colour codes

- **0.5 ... 2.5 mm²**

Box **filled** with ferrules with plastic collars in Weidmüller or DIN colour codes

- **4.0 ... 16 mm²**

Box **filled** with ferrules with plastic collars in Weidmüller colour code

- **0.14 ... 0.75 mm²**

Box **filled** with ferrules with plastic collars in Weidmüller colour code

- **0.5 ... 2.5 mm²**

Ferrule Box - **Empty box** with 4 or 5 dividers

or

Ferrule Box - **Empty box** with 5 coloured dividers



Technical Data	
Diameter	92 mm
Height	40 mm
Weight filled	93 g

Ordering Data	
Type	Cat.No.
Box 0.5...2.5 mm ² Weidmüller colour code	9025900000
Box 0.5...2.5 mm ² DIN colour code	9025430000
Box 4.0...16 mm ² Weidmüller colour code	9025920000
Box 4.0...16 mm ² DIN colour code	9025400000
Box 0.14... 0.75 mm ² Weidmüller colour code	9025410000
Box 0.5...2.5 mm ² twin ferrules	
Weidmüller Colour code	9025390000
Empty box with 4 dividers	9025420000
Empty box with 5 dividers	9025680000
Empty box with 5 coloured dividers	9025940000

Inhalt		
Box 0.5...2.5 mm²	50 ferrules per box	H 0.5/14, H 2.5/14
	100 ferrules per box	H 0.75/14, H 1.0/14, H 1.5/14
Box 4.0...16 mm²	50 ferrules per box	H 4.0/17
	20 ferrules per box	H 6.0/20, H 10.0/22
	10 ferrules per box	H 16.0/24
Box 0.14 bis 0.75 mm²	30 ferrules per box	H 0.14/10, H 0.25/10, H 0.34/10, H 0.5/14, H 0.75/14
Box 0.5 bis 2.5 mm² Zwillings-Aderendhülsen	50 ferrules per box	H 0.5/15, H 0.75/15, H 1.0/15, H 1.5/16
	25 ferrules per box	H 2.5/18.5

Accessories

Crimp-Set PZ 4



Crimp Sets PZ 4

Crimp Sets for cutting, stripping and crimping ferrules up to 4.0 mm², consisting of

- Case PSC 01 neutral with insert box A8 (4 pieces) and insert box A7 (2 pieces)
- stripax® insulation stripping tool for conductors with PVC insulation 0.08...6.0 mm²
- PZ 4 crimping tool for ferrules 0.5...4.0 mm²
- Ferrules with plastic collars H 0.5...H 4.0

Crimp-Set PZ 3



Crimp Sets PZ 3

Crimp Sets for cutting, stripping and crimping ferrules up to 6.0 mm², consisting of

- Case PSC 01 neutral with insert box A8 (6 pieces) and insert box A7 (1 pieces)
- stripax® insulation stripping tool for conductors with PVC insulation 0.08...6.0 mm²
- PZ 3 crimping tool for ferrules 0.5...6.0 mm²
- Ferrules with plastic collars H 0.5...H 6.0

Crimp-Set PZ 6 roto



Crimp Sets PZ 6 roto

Crimp Sets for cutting, stripping and crimping ferrules up to 6.0 mm², consisting of

- Case PSC 01 neutral with insert box A8 (6 pieces) and insert box A7 (1 pieces)
- stripax® insulation stripping tool for conductors with PVC insulation 0.08...6.0 mm²
- PZ 6 roto crimping tool for ferrules 0.25...6.0 mm²
- Ferrules with plastic collars H 0.5...H 6.0

Type	Cat. No.
Crimp Set PZ 4	902580000
ferrules Weidmüller - colour code	pieces
H 0.5/14	500
H 0.75/14	500
H 1.0/14	1000
H 1.5/14	1000
H 2.5/14	500
H 4.0/17	250

Type	Cat. No.
Crimp Set PZ 3	902865000
ferrules Weidmüller - colour code	pieces
H 0.5/14	500
H 0.75/14	500
H 1.0/14	500
H 1.5/14	500
H 2.5/14	500
H 4.0/17	250
H 6.0/20	250

Type	Cat. No.
Crimp Set PZ 6 roto	902868000
ferrules Weidmüller - colour code	pieces
H 0.5/14	500
H 0.75/14	500
H 1.0/14	500
H 1.5/14	500
H 2.5/14	500
H 4.0/17	250
H 6.0/20	250

Type	Cat. No.
Crimp Set PZ 4 D	902863000
ferrules DIN - colour code	pieces
H 0.5/14D	500
H 0.75/14D	500
H 1.0/14D	1000
H 1.5/14D	1000
H 2.5/14D	500
H 4.0/17D	250

Type	Cat. No.
Crimp Set PZ 3 D	902866000
ferrules DIN - colour code	pieces
H 0.5/14D	500
H 0.75/14D	500
H 1.0/14D	500
H 1.5/14D	500
H 2.5/14D	500
H 4.0/17D	250
H 6.0/20D	250

Type	Cat. No.
Crimp Set PZ 6 roto D	902869000
ferrules DIN - colour code	pieces
H 0.5/14D	500
H 0.75/14D	500
H 1.0/14D	500
H 1.5/14D	500
H 2.5/14D	500
H 4.0/17D	250
H 6.0/20D	250

Type	Cat. No.
Crimp Set PZ 4 T	902864000
ferrules other colour code	pieces
H 0.5/14T	500
H 0.75/14T	500
H 1.0/14T	1000
H 1.5/14T	1000
H 2.5/14T	500
H 4.0/17T	250

Type	Cat. No.
Crimp Set PZ 3 T	902867000
ferrules other colour code	pieces
H 0.5/14T	500
H 0.75/14T	500
H 1.0/14T	500
H 1.5/14T	500
H 2.5/14T	500
H 4.0/17T	250
H 6.0/20T	250

Type	Cat. No.
Crimp Set PZ 6 roto T	902870000
ferrules other colour code	pieces
H 0.5/14T	500
H 0.75/14T	500
H 1.0/14T	500
H 1.5/14T	500
H 2.5/14T	500
H 4.0/17T	250
H 6.0/20T	250

Crimp-Set PZ 6 HEX



Crimp-Set PZ 6/5



Crimp-Set stripax® plus



Crimp Sets PZ 6 HEX

Crimp Sets for cutting, stripping and crimping ferrules up to 6.0 mm², consisting of

- Case PSC 01 neutral with insert box A8 (6 pieces) and insert box A7 (1 pieces)
- stripax® insulation stripping tool for conductors with PVC insulation 0.08...6.0 mm²
- PZ 6 HEX crimping tool for ferrules 0.25...6.0 mm²
- Ferrules with plastic collar H 0.5...H 6.0

Crimp Sets PZ 6/5

Crimp Sets for cutting, stripping and crimping ferrules up to 6.0 mm², consisting of

- Case PSC 01 neutral with insert box A8 (6 pieces) and insert box A7 (1 pieces)
- stripax® insulation stripping tool for conductors with PVC insulation 0.08...6.0 mm²
- PZ 6/5 crimping tool for ferrules 0.25...6.0 mm²
- Ferrules with plastic collar H 0.5...H 6.0

Crimp Sets stripax® plus

Crimp Sets for cutting, stripping and crimping of ferrules in strip form up to 2.5 mm², consisting of

- Case PSC 01 neutral with foam insert
- Multifunctional tool stripax® plus for processing Weidmüller ferrules in strip form 0.5...2.5 mm²
- Ferrules with plastic collar H 0.5...H 2.5

Type	Cat. No.
Crimp Set PZ 6 HEX	9028710000
ferrules Weidmüller - colour code	pieces
H 0.5/14	500
H 0.75/14	500
H 1.0/14	500
H 1.5/14	500
H 2.5/14	500
H 4.0/17	250
H 6.0/20	250

Type	Cat. No.
Crimp Set PZ 6/5	9028740000
ferrules Weidmüller - colour code	pieces
H 0.5/14	500
H 0.75/14	500
H 1.0/14	500
H 1.5/14	500
H 2.5/14	500
H 4.0/17	250
H 6.0/20	250

Type	Cat. No.
Crimp Set stripax® plus	9028770000
ferrules Weidmüller - colour code	pieces
H 0.5/14	500
H 0.75/14	500
H 1.0/14	500
H 1.5/14	500
H 2.5/14	500

Type	Cat. No.
Crimp Set PZ 6 HEX D	9028720000
ferrules DIN - colour code	pieces
H 0.5/14D	500
H 0.75/14D	500
H 1.0/14T	500
H 1.5/14D	500
H 2.5/14D	500
H 4.0/17D	250
H 6.0/20D	250

Type	Cat. No.
Crimp Set PZ 6/5 D	9028750000
ferrules DIN - colour code	pieces
H 0.5/14D	500
H 0.75/14D	500
H 1.0/14T	500
H 1.5/14D	500
H 2.5/14D	500
H 4.0/17D	250
H 6.0/20D	250

Type	Cat. No.
Crimp Set PZ stripax® plus D	9028780000
ferrules DIN - colour code	pieces
H 0.5/14D	500
H 0.75/14D	500
H 1.0/14D	500
H 1.5/14D	500
H 2.5/14D	500

Type	Cat. No.
Crimp Set PZ 6 HEX T	9028730000
ferrules other colour code	pieces
H 0.5/14T	500
H 0.75/14T	500
H 1.0/14T	500
H 1.5/14T	500
H 2.5/14T	500
H 4.0/17T	250
H 6.0/20T	250

Type	Cat. No.
Crimp Set PZ 6/5 T	9028760000
ferrules other colour code	pieces
H 0.5/14T	500
H 0.75/14T	500
H 1.0/14T	500
H 1.5/14T	500
H 2.5/14T	500
H 4.0/17T	250
H 6.0/20T	250

Type	Cat. No.
Crimp Set PZ stripax® plus T	9028790000
ferrules other colour code	pieces
H 0.5/14T	500
H 0.75/14T	500
H 1.0/14T	500
H 1.5/14T	500
H 2.5/14T	500

Accessories

Crimp-Set PZ 16



Crimp Sets PZ 16

Crimp Sets for cutting, stripping and crimping ferrules up to 16.0 mm², consisting of

- Case PSC 01 neutral with insert box A8 (4 pieces) and insert box A7 (2 pieces)
- stripax® 16 insulation stripping tool for conductors with PVC insulation 6.0...16.0 mm²
- PZ 16 crimping tool for ferrules 6.0...16.0 mm²
- Ferrules with plastic collar H 6.0...H 16.0

Crimp-Set PZ 50



Crimp Sets PZ 50

Crimp Sets for cutting, stripping and crimping ferrules up to 50.0 mm², consisting of

- Case PSC 01 neutral with insert box A7 (4 pieces)
- AM 25 stripping tool for ferrules PVC-round cable up to 4.5...25.0 mm²
- PZ 50 crimping tool for ferrules 25.0, 35.0 und 50.0 mm²
- Ferrules with plastic collar H 25.0...H 50.0

Crimp-Set PZ ZH 16



Crimp Sets PZ ZH 16

Crimp Sets for cutting, stripping and crimping twin ferrules up to 16.0 mm², consisting of

- Case PSC 01 neutral with insert box A7 (4 pieces) and foam insert for the tools
- stripax® 16 insulation stripping tool for conductors with PVC insulation 6.0...16.0 mm²
- PZ ZH 16 crimping tool for twin ferrules 6.0...16.0 mm²
- Ferrules with plastic collar H 6.0...H 16.0

Type	Cat. No.
Crimp Set PZ 16	9025850000
ferrules Weidmüller - colour code	pieces
H 6.0/20	200
H 10.0/22	200
H 16.0/24	200
H 16.0/28	100

Type	Cat. No.
Crimp Set PZ 16 D	9028800000
ferrules DIN - colour code	pieces
H 6.0/20	200
H 10.0/22	200
H 16.0/24	200
H 16.0/28	100

Type	Cat. No.
Crimp Set PZ 16 T	9028810000
ferrules other colour code	pieces
H 6.0/20	200
H 10.0/22	200
H 16.0/24	200
H 16.0/28	100

Type	Cat. No.
Crimp Set PZ 50	9028850000
ferrules Weidmüller - colour code	pieces
H 25.0/30	50
H 25.0/36	50
H 35.0/30	50
H 50.0/36	25

Type	Cat. No.
Crimp Set PZ 50 D	9028870000
ferrules DIN - colour code	pieces
H 25.0/30D	50
H 25.0/36D	50
H 35.0/30D	50
H 50.0/36D	25

Type	Cat. No.
Crimp Set PZ 50 T	9028880000
ferrules other colour code	pieces
H 25.0/30T	50
H 25.0/36T	50
H 35.0/30T	50
H 50.0/36T	25

Type	Cat. No.
Crimp Set PZ ZH 16	9028820000
ferrules Weidmüller - colour code	pieces
H 6.0/25	100
H 6.0/29	100
H 10.0/26	100
H 16.0/29	50

Type	Cat. No.
Crimp Set PZ ZH 16 D	9028830000
ferrules DIN - colour code	pieces
H 6.0/25D	100
H 6.0/29D	100
H 10.0/26D	100
H 16.0/29D	50

Type	Cat. No.
Crimp Set PZ ZH 16 T	9028840000
ferrules other colour code	pieces
H 6.0/25T	100
H 6.0/29T	100
H 10.0/26T	100
H 16.0/29T	50

Crimp Set empty case



Crimp Set empty case

- Case PSC 01 neutral (without insert boxes)

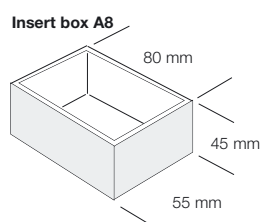
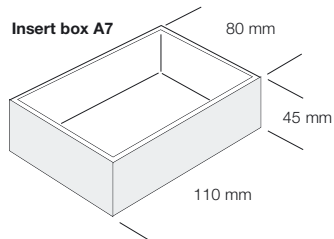
Crimping tools for ferrules

	PZ 1.5	stripax® plus 2.5	PZ 3	PZ 4	PZ 6 roto	PZ 6 HEX	PZ 6/5	PZ 16	PZ 50
Cat. No.	9005990000	9020000000	0567300000	9012500000	9014350000	9013650000	9011460000	9012600000	9006450000
Page	27	26	28	28	29	27	28	29	30
AEH mm ²									
H 0.25	●				●	●	●		
H 0.34	●				●	●	●		
H 0.5	●	● ¹	●	●	●	●	●		
H 0.75	●	● ¹	●	●	●	●	●		
H 1.0	●	● ¹	●	●	●	●	●		
H 1.5	●	● ¹	●	●	●	●	●		
H 2.5		● ¹	●	●	●	●	●		
H 4.0			●	●	●	●	●		
H 6.0			●		●	●	●	●	
H 10.0								●	
H 16.0								●	
H 25.0									●
H 35.0									●
H 50.0									●

●¹ = ferrules in strip form only

Type	Cat. No.
Crimp Set empty case	9028860000

Accessories, individual combination possible	
Insert box A7	9028450000
Insert box A8	9028460000



Twin ferrules are to be crimped according to the following table:

Crimping tool		Ferrules								
	Cat. No.	H 0.5	H 0.75	H 1.0	H 1.5	H 2.5	H 4.0	H 6.0	H 10.0	H 16.0
PZ 1.5	9005990000	●	●							
PZ 3	0567300000	●	●	●	●	●				
PZ 4	9012500000	●	●	●	●	●				
PZ 6 roto	9014320000	●	●	●	●	●	●			
PZ 6/5	9011460000		●	●	●	●	●			
position		1.5 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	4 mm ²	6 mm ²			
PZ ZH 16	9013600000							●	●	●

Accessories

WAW 1 WAW 2 Notching tools



WAW 1

Tool for notching WQV 2.5 to WQV 35 cross-connections for the W series terminals

WAW 2

Tool for removing the cross-connection segment in the Weidmüller WTR 2.5 terminal partition

Also for the WSI 6 fuse terminal

RT 1 Cable tie tool



RT 1

The RT 1 is a pistol-shaped compact tool for fastening and cutting cable ties in one operation.

The tension is adjustable over a wide range, from small ties to standard ties.

The RT 1 is designed for bundles of 1.6 to 100 mm diameter.

RT 1 Cable tie tool



KT ZQV

Cutting tool for cutting cross-connections for the Weidmüller Z-series.

Technical data		
Type	WAW 1	WAW 2
Length	167 mm	205 mm
Weight	227 g	338 g

Ordering data	
Type	Cat. No.
WAW 1	9004500000
WAW 2	9004510000

Technical data	
Type	RT 1
Length	170 mm
Weight	260 g

Ordering data	
Type	Cat. No.
RT 1	1296000000

Technical data	
Type	KT ZQV
Length/width/height (tool closed)	215/66/28 mm
Weight	300 g

Ordering data	
Type	Cat. No.
KT ZQV	9002170000

Hexagon-socket offset screw key



Allan key

Single, with pivot, surface nickel-plated, made from toughened chromium vanadium steel, manufactured in accordance with DIN 6912.
Fits screws in accordance with DIN 6912.

Crimping tool for MS System CZ 22 E



Crimping tool HDC-CM 20



HDC-CM 20

Model suited to twisted contacts HE, HD and ConCept

Technical data	
Type	IS 4 mm Allen key DIN 6911 for Weidmüller terminal blocks type SAK 35 0476520000, 0476560000, 0582460000 (not shown)
	IS 6 mm Allen key DIN 6911 for Weidmüller terminal blocks type SAK 70 00340820000 (not shown)
	IS 8 mm Allen key DIN 6911 for Weidmüller terminal blocks type SAK 95 0550520000, 0662220000 (not shown)

Ordering data		
Type	Size	Cat. No.
IS	4	0485100000
IS	6	0407900000
IS	8	0235000000

Technical data	
Type	CZ 22 E Crimping tool for processing contacts C1 E/K and C 1 E/L (MS-System) 2 crimp profiles in one die for conductor cross-sections; 1. Crimp profile AWG 26-22 2. Crimp profile 0.5-1.5 mm ² and AWG 18/19

Ordering data		
Type	Cat. No.	Qty.
CZ 22 E	0560400000	1

Technical Data	
Type	HDC-CM-3 crimping tool for 1.5...10 mm ² cond. cross-section for ConCept Module CM-3
Type	HDC-CM-20 crimping tool for Ø 1.0 mm D-Sub contacts with 0.08...0.52 mm ² conductor cross-section of the ConCept Module CM-20

Ordering data		
Type	Cat. No.	Qty.
HDC-CM-3	1700890000	1
HDC-CM-20	1700900000	1

Accessories

Contact release tools

DW RSV 1.6

HDC-DW

M3/5/10

M20

M4



Contact release tool

for HD and ConCept contacts
or GB/GS and CB/CS contacts

Technical data

Type	DW RSV 1.6 Tool for dismantling punched HD sockets and pin contacts type CB/CS and GB/GS
	HDC-DW-M3 HDC-CM-3 contact release tool for ConCept Module
	HDC-DW-M5 HDC-CM-5 contact release tool for ConCept Module
	HDC-DW-M10* HDC-CM-10 contact release tool for ConCept Module
	HDC-DW-M20 HDC-CM-20 contact release tool for ConCept Module
	HDC-DW-M4 HDC-CM-HE-4 contact release tool for ConCept Module

Ordering data

Type	Cat. No.	Qty.
DW RSV 1.6	9004530000	1
HDC-DW-M3	1688240000	1
HDC-DW-M5	1688230000	1
HDC-DW-M10*	1688220000	1
HDC-DW-M20	1688210000	1
HDC-DW-M4	1760170000	1

* Tool for dismantling twisted HD contacts