

Crimping

Crimping	Introduction	D.2
	Overview contacts – tools	D.4
	Crimping tools for wire end ferrules	D.6
	Introduction – Crimping tools for other contacts	D.12
	Crimping tools for other contacts	D.14
	Pressing tools	D.26
	Crimping tools for connectors	D.28
	Crimping inserts	D.29
	Insertion tool for twisted-pair cable	D.31
	Disconnect	D.32
	Tools for polymer optical fibre (POF)	D.34
	Cable tie tools	D.35

Crimping

After stripping, appropriate contacts or wire end ferrules can be crimped to the cable end.

Crimping produces a reliable connection between conductor and contact, and has more or less completely replaced soldering.

Crimping describes the production of a uniform, non-detachable connection between conductor and connecting element.

This should be achieved exclusively by the use of a high-quality precision tool. The result is a safe, reliable connection in both electrical and mechanical terms.

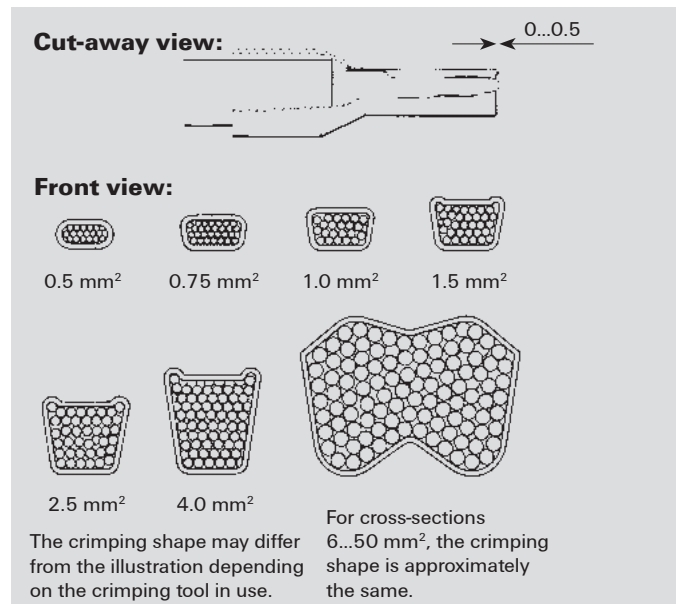
Weidmüller offers a wide range of mechanical crimping tools. An integral ratchet mechanism with disengage option guarantees optimum processing quality. Crimp connections produced with Weidmüller tools comply with international standards and specifications.

The DIN EN 60352-2 standard recommends that tools and contacts should come from the same manufacturer, since this is the only way to ensure consistently high quality. Otherwise, it is the user who is responsible for the quality. Weidmüller tools are designed to fit with Weidmüller contacts and thus are in full compliance with the DIN EN standard.

Note: The AWG cross-section specifications can be compared with the equivalent metric specifications.

Crimping of wire end ferrule: an example of an optimum crimp of different cross-sections.

A crimp connection using manual and automatic Weidmüller tools can be seen below. The conductor insulation must be pushed into the plastic collar and the ferrule sleeve must be completely filled by the conductor. Depending on the cross-section, the conductor should protrude approx. 0 ... 0.5 mm from the ferrule sleeve.



Faulty crimping connections due to an incorrect combination of cable and wire end ferrule

It is not possible for a tool to function reliably with every combination of conductor and crimping material. It is possible that the standard requirements for the crimped product can't be achieved, although taken on their own, both conductor and crimping material comply with the corresponding standard. The individual production tolerances of conductor and crimping material do not allow every conductor to be combined with every contact.

The combination of conductors, crimping material and crimping tool must be coordinated: this procedure is all the more difficult given the large number of products on the market.

This means that the material must be defined and the crimping result tested, ensuring that the test, and later on the tool, satisfy the same conditions.

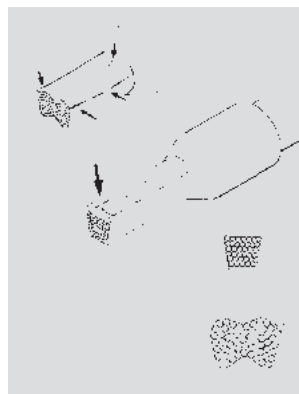
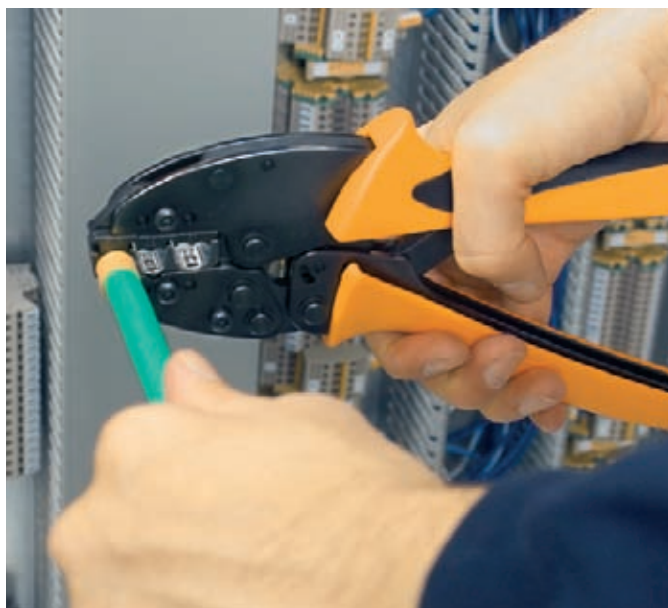


Single conductor squeezed off

Single conductor pushed back

Faults which can occur during crimping:

- Cracks along the sides and die impressions
- Splitting of the ferrules
- Asymmetrical crimping shape
- Extreme burrs formed along the sides
- Ferrule not filled by the conductor
- Single conductors pushed back protruding from the collar
- Single conductors squeezed off
- Plastic collar damaged by the crimping jaw
- Conductor insulation not pushed into the plastic collar
- Ferrule bent longitudinally after crimping



Formation of cracks at the sides.
Sides split open

Formation of cracks at the impressions
of the crimping jaw


Asymmetrical crimping shape
Burr formation on one side











Asymmetrical crimping shape
Burr formation on one side

Note:

The ferrule must not split open after it has been connected once in any Weidmüller terminal corresponding to the conductor cross-section (with a torque according to IEC 60947-1)

Overview contacts – tools

Crimp contact	Crimp type	Description	Conductor crosssection in mm ²	AWG	Crimping tool	Order No. tool	page
Wire end ferrules		with plastic collar	0,5...2,5	20...14	Stripax Plus 2.5	9020000000	D.6
		with / without plastic collar	0,14...6	26...10	PZ 6 roto	9014350000	D.9
			0,14...1,5	24...16	PZ 1.5	9005990000	D.7
			0,5...4	20...12	PZ 4	9012500000	D.8
		with / without plastic collar	0,14...6	24...10	PZ 6 HEX	9013650000	D.7
				with / without plastic collar	0,25...6	24...10	PZ 6/5
	with / without plastic collar	0,5...6		20...10	PZ 3	0567300000	D.9
		with / without plastic collar		6...16	10...6	PZ 16	9012600000
				25...50	3...1	PZ 50	9006450000
	Twin wire end ferrules		Twin wire end ferrules	0,5...1	20...17	PZ 1.5	9005990000
0,5...4				20...12	PZ 6 HEX	9013650000	D.7
0,5...2,5				20...14	PZ 4	9012500000	D.8
0,5...4				20...12	PZ 6/5	9011460000	D.8
0,5...4				20...12	PZ 3	0567300000	D.9
0,5...4				20...12	PZ 6 roto	9014350000	D.9
6...16				10...6	PZ ZH 16	9013600000	D.10
Stamped contacts		Weidmüller DFF series	0,22...2,5	24...12	HTF DFF	9014140000	D.25
		Weidmüller ZRV and MKF series	0,2...0,35 / 0,5...1	24...22 / 20...17	HTF ZRV	9014840000	D.25
		Weidmüller FEKO ZRV series	0,2...2,5	24...12	HTF AFK 2.5	9201040000	D.25
		Weidmüller RSV and DSTV-HD Systems	0,14...1,5	26...16	HTF RSV 16	9013560000	D.25
			2,5	14...12	HTF RSV 12	9013550000	D.25
Turned contacts		Turned HD and HE contacts	4...10	12...7	CTX CM 3,6	9018480000	D.18
			0,14...4	26...12	CTX CM 1,6/2,5	9018490000	D.18
		Turned HD, HE and HX contacts	0,14...6	26...10	CTIN CM 1,6/2,5	9205430000	D.18
			1,5...10	16...7	CTIN CM 3,6	9205440000	D.18

Crimp contact	Crimp type	Description	Conductor crossection in mm ²	AWG	Crimping tool	Order No. tool	page
coaxial connectors		coaxial connectors			HTG 58	9012000000	D.23
					HTG 58/59	9012020000	D.23
					HTG 59	9012010000	D.23
					HTG 174	9012410000	D.23
					HTX 138	9012400000	D.23
					HTX 188	9011990000	D.23
coaxial connectors		coaxial connectors			CTX 500	9006320000	D.24
					CTX 501	9006370000	D.24
					CTX 502	9006380000	D.24
insulated / non-insulated connectors		insulated connectors	0,5...2,5	20...14	HTI 15	9014400000	D.16
			0,5...6	20...10	CTI 6	9006120000	D.15
			0,5...6	20...10	CTI 6 G	9202850000	D.15
		non-insulated connectors	0,5...6	20...10	HTN 21	9014610000	D.16
			0,5...6	20...10	HTN 21 with end stop	9014100000	D.16
			10...25	7...3	CTN 25 D4	9006220000	D.17
		10...25	7...3	CTN 25 D5	9006230000	D.17	
modular plug connectors		WE-plug (4, 6 and 8-poles)	0,08...0,25	28...24	TT 864 RS WE	9008120000	D.27
		WE-plug (4, 6 and 10-poles)	0,08...0,25	28...24	TT 1064 RS WE	9008190000	D.27
		shielded WE-plug, system Hirose	0,08...0,25	28...24	TT 8 GH	9005640000	D.26
			0,08...0,25	28...24	TT8 RS MP8	9202800000	D.26
Other contacts and plugs		SUB-D contacts	0,08...0,5	28...20	HTF SUB-D	9013260000	D.24
		flat blade connectors and receptacles	0,1...1 (conec. width 2,8)	27...17	HTF 28	9013090000	D.14
			0,5...2,5 (conec. width 4,8)	20...14	HTF 48	9013080000	D.14
			0,5...2,5 (conec. width 6,3)	20...14	HTF 63	9013400000	D.14
			0,5...6 (conec. width 6,3)	20...10	CTF 63	9202860000	D.14
		fibre optic connectors	Station 1 (hexagon crimp): 3,15 / 6,0 H.- → 3,9		HTX LWL	9011360000	D.19
			Station 2 (round crimp): 4,85 / 6,0 H.- → 5,5		HTX LWL	9011360000	D.19
		IP 67 connector			IE-CT-SC-GOF	9205320000	D.20
					IE-CT-LC-GOF	9205330000	D.20
				IE-CT-SC-POF	9205340000	D.20	
				IE-CT-SC-GOF-P	9205350000	D.20	

Crimping

D

Crimping tools for wire end ferrules

Crimping tools for wire end ferrules

- 3 functions: cutting, stripping, crimping
- Wire-end ferrules with plastic collars, in compliance with DIN 46228 Part 4
- Ratchet for precise crimping
- Efficient operation: laborious change of tools not necessary, resulting in significant time savings
- Automatic conveyance of wire-end ferrules
- Quick adjustment for different cross-sections
- Easy handling of ferrule strips

Only strips of linked wire-end ferrules, each containing 50 pieces, from Weidmüller may be processed. The use of wire-end ferrules on reels may lead to destruction.

stripax® plus 2.5

0.5...2.5 mm²



- ~AWG 20...14
- Processing of strips from linked wire-end ferrules of 0.5...2.5 mm² from Weidmüller



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

Accessories

Type	Qty.	Order No.
SPARE BLADE STRIPAX PL	5	9050340000
Note		

stripax® plus 2.5	
Strips of linked wire-end ferrules	
Crimping range	0.5...2.5
Crimping range 1 (with multiple crimping positions)	0.5...0.75
Crimping range 2 (with multiple crimping positions)	1...1.5
Crimping range 3 (with multiple crimping positions)	2.5
Crimping range 4 (with multiple crimping positions)	
Crimping range 5 (with multiple crimping positions)	
Tool data	
Length	210
Weight	260
Note	
Only strip-type products from Weidmüller may be processed. The use of wire-end ferrules on reels may lead to destruction.	

Type	Qty.	Order No.
STRIPAX PLUS 2.5	1	9020000000
STRIPAX PLUS 2.5 ZERT	1	9011980000
Note		
Additional accessories can be found in chapter J		

Type	Qty.	Order No.
SPARE BLADE STRIPAX PL	5	9050340000
Note		

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 Part 1 and Part 4
- Ratchet for precise crimping
- Release option in the event of incorrect operation

PZ 1.5

0.14...1.5 mm²



- ~AWG 26...16
- Only one die for the whole cross-section range
- Crimp complies with Euro-Norm EN 60947-1
- Wire-end ferrule insertion from the front



PZ 6 HEX

0.14...6 mm²



- ~AWG 26...10
- Only one die for the whole cross-section range
- Wire-end ferrule insertion from the side



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

PZ 1.5		
Wire-end ferrules with/without plastic collars		
0.14...1.5		

Type	Qty.	Order No.
PZ 1.5	1	9005990000
PZ 1.5 ZERT	1	9017310000
Additional accessories can be found in Chapter J		

PZ 6 HEX		
Wire-end ferrules with/without plastic collars		
0.14...6		

Type	Qty.	Order No.
PZ 6 HEX	1	9013650000
PZ 6 HEX Zert	1	9017920000
Additional accessories can be found in Chapter J		

Crimping tools for wire end ferrules

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4
- Ratchet for precise crimping
- Release option in the event of incorrect operation

PZ 4

0.5...4 mm²



- ~AWG 21...12
- Only one crimping station for the whole cross-section range
- Wire-end ferrule insertion from the side



PZ 6/5

0.25...6 mm²



- ~AWG 24...10
- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)
- Five crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

PZ 4		
Wire-end ferrules with/without plastic collars		
Crimping range	0.5...4	
Crimping range 1 (with multiple crimping positions)		
Crimping range 2 (with multiple crimping positions)		
Crimping range 3 (with multiple crimping positions)		
Crimping range 4 (with multiple crimping positions)		
Crimping range 5 (with multiple crimping positions)		
Tool data		
Length	200	
Weight	448	
Note		

Type	Qty.	Order No.
PZ 4	1	9012500000
PZ 4 ZERT	1	9017300000
Additional accessories can be found in Chapter J		

PZ 6/5		
Wire-end ferrules with/without plastic collars		
Crimping range	0.25...6	
Crimping range 1 (with multiple crimping positions)	0.25...0.5	
Crimping range 2 (with multiple crimping positions)	0.75...1.5	
Crimping range 3 (with multiple crimping positions)	2.5	
Crimping range 4 (with multiple crimping positions)	4	
Crimping range 5 (with multiple crimping positions)	6	
Tool data		
Length	200	
Weight	423	
Note		

Type	Qty.	Order No.
PZ 6/5	1	9011460000
PZ 6/5 ZERT	1	9017900000
Additional accessories can be found in Chapter J		

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4
- Ratchet for precise crimping
- Release option in the event of incorrect operation

PZ 3

0.5...6 mm²



- ~AWG 21...10
- Only one die for the whole cross-section range
- Wire-end ferrule insertion from the front



PZ 6 roto

0.14...6 mm²



- ~AWG 26...10
- Only one die for the whole cross-section range
- Rotating die enables wire-end ferrule insertion from the front or side



Technical data

Description of contact

Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²

Tool data

Length	mm
Weight	g

Note

Ordering data

Version

Version	Type	Qty.	Order No.
	PZ 3	1	0567300000
	PZ 3 ZERT	1	9017360000

Note

PZ 3

Wire-end ferrules with/without plastic collars
0.5...6

200

426

Additional accessories can be found in Chapter J

PZ 6 roto

Wire-end ferrules with/without plastic collars
0.14...6

200

428

Version

Version	Type	Qty.	Order No.
	PZ 6 Roto	1	9014350000
	PZ 6 ROTO ZERT	1	9017440000

Additional accessories can be found in Chapter J

Crimping tools for wire end ferrules

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 Part 1 and Part 4
- Ratchet for precise crimping
- Release option in the event of incorrect operation

PZ 16

6...16 mm²

- ~ AWG 10...6
- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)
- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side



PZ ZH 16

Twin wire-end ferrules from 6...16 mm²

- ~ AWG 10...6
- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

PZ 16	
Wire-end ferrules with/without plastic collars	
6...16	
6	
10	
16	
200	
418	
Note	

Type	Qty.	Order No.
PZ 16	1	9012600000
PZ 16 ZERT	1	9017340000
Additional accessories can be found in Chapter J		

PZ ZH 16	
Twin wire-end ferrules	
6...16	
6	
10	
16	
250	
730	
Note	

Type	Qty.	Order No.
PZ ZH 16	1	9013600000
PZ ZH 16 ZERT	1	9013610000
Additional accessories can be found in Chapter J		

Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4
- Ratchet for precise crimping
- Release option in the event of incorrect operation

PZ 50

25...50 mm²



- AWG 4...0
- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)
- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

PZ 50	
Wire-end ferrules with/without plastic collars	
25...50	
25	
35	
50	
250	
730	

Ordering data

Version

Type	Qty.	Order No.
PZ 50	1	9006450000
PZ 50 ZERT	1	9017400000

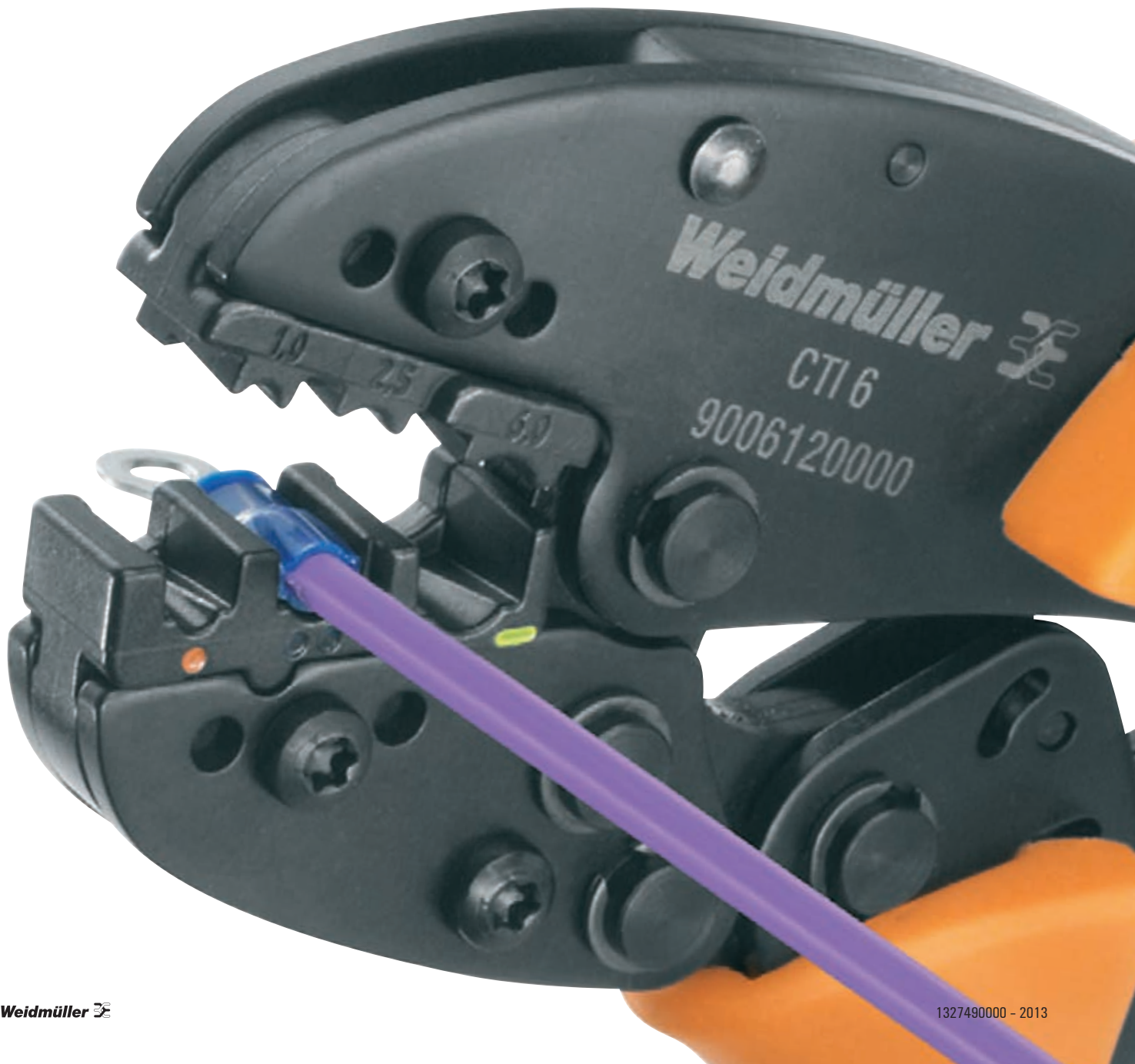
Note

Additional accessories can be found in Chapter J

Crimping tool for custom contacts

The crimping technique is one of the most reliable and most versatile connection methods. Extreme quality demands for a variety of different connections require that you use a wide variety of specialised crimping tools which are designed for specific contacts.

Weidmüller offers the right crimping tool for a wide variety of contact, regardless of whether you are using turned contacts, cable-lug connectors, insulated connectors or coaxial connectors.





Crimping tools for other contacts

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts
- Contact and insulation are crimped in one step

HTF 28 / HTF 48 / HTF 63

0.1...2.5 mm²



For flat-blade connectors and flat-blade receptacles with pre-rolled crimp claw

- HTF 28**
- ~AWG 28...18
 - Plug width 2.8 mm, from 0.1...1.0 mm²
- HTF 48**
- ~AWG 21...14
 - Plug width 4.8 mm, from 0.5...2.5 mm²
- HTF 63**
- ~AWG 21...14
 - Plug width 6.3 mm, from 0.5...2.5 mm²



CTF 63

0.5...6 mm²



For flat-blade connectors and flat-blade receptacles with pre-rolled crimp claw

- CTF 63**
- ~AWG 21...10
 - Plug width 6.3 mm, from 0.5...6 mm²



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Plug width	mm
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

HTF 28	HTF 48	HTF 63
F-plug / -sleeve	F-plug / -sleeve	F-plug / -sleeve
0.1...1	0.5...2.5	0.5...2.5
0.1...0.25	0.5...1	0.5...1
0.25...0.5	1.5...2.5	1.5...2.5
0.6...1		
2.8	4.8	6.3
200	200	200
438	438	438

Type	Qty.	Order No.
HTF 28	1	9013090000
HTF 28 ZERT	1	9017410000
HTF 48	1	9013080000
HTF 48 ZERT	1	9017260000
HTF 63	1	9013400000
HTF 63 ZERT	1	9017240000

Additional accessories can be found in Chapter J

CTF 63	
F-plug / -sleeve	
0.5...6	
0.5...1	
1.5...2.5	
2.6...6	
6.3	
250	
730	

Type	Qty.	Order No.
CTF 63	1	9202860000
CTF 63 ZERT	1	1077010000

Additional accessories can be found in Chapter J

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts

CTI 6 G

0,5...6 mm²



For PVC, PC- and polyamide-insulated connectors

- ~AWG 21...10
- Parallel crimp profile for crimping contact and insulation in one step



CTI 6

0,5...6 mm²



For PVC, PC- and polyamide-insulated connectors

- ~AWG 21...10
- Double-crimp profile for crimping contact and insulation in one step



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Plug width	mm
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

CTI 6 G		
Insulated connector		
Crimping range	0.5...6	
Crimping range 1 (with multiple crimping positions)	0.5...1.5	
Crimping range 2 (with multiple crimping positions)	1.1...2.5	
Crimping range 3 (with multiple crimping positions)	2.6...6	
Plug width	mm	
Tool data		
Length	250	
Weight	747	
Note		

Type	Qty.	Order No.
CTI 6 G	1	9202850000
CTI 6 G ZERT	1	1292880000
Additional accessories can be found in Chapter J		

CTI 6		
Insulated connector		
Crimping range	0.5...6	
Crimping range 1 (with multiple crimping positions)	0.5...1.5	
Crimping range 2 (with multiple crimping positions)	1.1...2.5	
Crimping range 3 (with multiple crimping positions)	2.6...6	
Plug width	mm	
Tool data		
Length	250	
Weight	730	
Note		

Type	Qty.	Order No.
CTI 6	1	9006120000
CTI 6 ZERT	1	9017290000
Additional accessories can be found in Chapter J		

Crimping tools for other contacts

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts
- Tested according to DIN EN 60352 Part 2

HTI 15

0.5...2.5 mm²

For PVC-, PC- and polyamide-insulated connectors

- ~AWG 21...14
- Double-crimp profile, for crimping contact and insulation in one step



HTN 21

0.5...6 mm²

For uninsulated cable lugs and connectors

- ~AWG 21...10
- Rolled cable lugs, for example acc. to DIN 46234
- Tubular cable lugs
- Pin cable lugs
- Parallel and serial connectors
- Indent crimping
- Alternatively available with or without pivoting end stop



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Plug width	mm
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

HTI 15		
Insulated connector		
Crimping range	0.5...2.5	
Crimping range 1 (with multiple crimping positions)	0.5...1.5	
Crimping range 2 (with multiple crimping positions)	1.1...2.5	
Plug width		
Length	200	
Weight	434	
Note		

Type	Qty.	Order No.
HTI 15	1	9014400000
HTI 15 ZERT	1	9017430000
Note		
Additional accessories can be found in Chapter J		

HTN 21		HTN 21 M. AN.	
Uninsulated connection		Uninsulated connection	
Crimping range	0.5...6	Crimping range	0.5...6
Crimping range 1 (with multiple crimping positions)	0.5...1.5	Crimping range 1 (with multiple crimping positions)	0.5...1.5
Crimping range 2 (with multiple crimping positions)	1.1...2.5	Crimping range 2 (with multiple crimping positions)	1.1...2.5
Crimping range 3 (with multiple crimping positions)	2.6...6	Crimping range 3 (with multiple crimping positions)	2.6...6
Length	200	Length	200
Weight	427	Weight	427
Note			
End stop for secure contact positioning in tool			

Type	Qty.	Order No.
HTN 21	1	9014610000
HTN 21 ZERT	1	9017380000
HTN 21 M. AN	1	9014100000
HTN 21 M. AN ZERT	1	9017170000
Note		

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

CTN 25 D 4

10...25 mm²

For uninsulated cable lugs and connectors

- ~AWG 8...4
- Rolled cable lugs, acc. to DIN 46234
- Pin cable lugs
- Parallel and serial connectors
- Indent crimping



CTN 25 D 5

10...25 mm²

For uninsulated cable lugs and connectors

- ~AWG 8...4
- Rolled cable lugs, acc. to DIN 46234
- Pin cable lugs
- Parallel and serial connectors
- Hexagon crimping



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Plug width	mm
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

CTN 25 D4		
Uninsulated connection		
10...25		
10		
16		
25		
250		
730		

Type	Qty.	Order No.
CTN 25 D4	1	9006220000
CTN 25 D4 ZERT	1	9017350000
Additional accessories can be found in Chapter J		

CTN 25 D5		
Uninsulated connection		
10...25		
10		
16		
25		
250		
730		

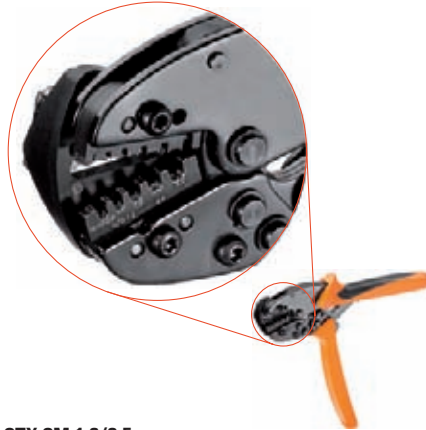
Type	Qty.	Order No.
CTN 25 D5	1	9006230000
CTN 25 D5 ZERT	1	1292870000
Additional accessories can be found in Chapter J		

Crimping tools for other contacts

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts

CTX CM 1.6/2.5 / CTX CM 3.6

0.14...10 mm²

CTX CM 1.6/2.5

- Turned HD contacts
- Turned HE contacts
- ConCept M10 and M5 contacts
- ~AWG 26...12
- 0.14...4.0 mm²

CTX CM 3.6

- Turned HD contacts
- ConCept M3 contacts
- ~AWG 12...8
- 4.0...10 mm²



CTIN CM 1.6/2.5 / CTIN 3.6

0.14...10 mm²

CTIN CM 1.6/2.5

- Turned HD and HE contacts
- Turned HX contacts
- ConCept M10, M5 and M3 contacts
- 4-indent crimp
- ~AWG 26...10
- 0.14...6.0 mm²

CTIN CM 3.6

- Turned HX contacts
- ConCept M3 contacts
- 4-indent crimp
- ~AWG 16...8
- 1.5...10 mm²



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Crimping range 1 (with multiple crimping positions)	mm ²
Crimping range 2 (with multiple crimping positions)	mm ²
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

CTX CM 1.6/2.5	CTX CM 3.6
Turned contacts	Turned contacts
0.14...4	4...10
0.14...0.5	4
0.75...1	6
1.5	10
2.5	
4	
250	250
730	730

Type	Qty.	Order No.
CTX CM 1.6/2.5	1	9018490000
CTX CM 1.6/2.5 ZERT	1	9013690000
CTX CM 3.6	1	9018480000
CTX CM 3.6 ZERT	1	1270320000

A large selection of contacts can be found in our current Heavy-duty Connectors Catalogue

CTIN CM 1.6/2.5	CTIN CM 3.6
Turned contacts	Turned contacts
0.14...6	1.5...10
0.14...6	1.5...10
230	230
1,220	1,220

Type	Qty.	Order No.
CTIN CM 1.6/2.5	1	9205430000
CTIN CM 3.6	1	9205440000

A large selection of contacts can be found in our current Heavy-duty Connectors Catalogue

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

HTX LWL



For fibre-optical cables with

- Core diameter of 1 mm
- Crimping sleeve $\text{\O} 5.5 \text{ mm}$

Station 1: hexagon crimp

Station 2: round crimp (for HP connector)



Technical data

Description of contact	
Type of contact	
Station 1: A / B	mm
Station 2: A / B	mm
Station 3: A / B	mm
C	mm
D	mm
Tool data	
Length	mm
Weight	g
Note	

HTX LWL	
Fibre-optic connector	
	3.15 / 6
	4.85 / 6
Note	
H- \O :	Sleeve diameter

Ordering data

Version
Note

Type	Qty.	Order No.
HTX LWL	1	9011360000
Note		

Crimping tools for other contacts

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

IE-CT-SC-GOF / IE-CT-LC-GOF

Crimping tools for IP 20 + IP 67 connectors



- For fibre-optic SC/ST, IP 20 and IP 67 connectors
- For fibre-optic LC and IP 67 connectors

IE-CT-SC-POF / IE-CT-SC-GOF-P

Crimping tools for IP 20 + IP 67 connectors



- For polymer fibre-optic SC/ST, IP 20 and IP 67 connectors
- For fibre-optic, ProfiNet, Mobil cable SC/ST and IP 67 connectors



Technical data

Tool data
Length
Weight
Note

IE-CT-SC-GOF	IE-CT-LC-GOF
250	250
730	730

IE-CT-SC-POF	IE-CT-SC-GOF-P
250	250
730	730

Ordering data

Version
Note

Type	Qty.	Order No.
IE-CT-SC-GOF	1	9205320000
IE-CT-LC-GOF	1	9205330000

Type	Qty.	Order No.
IE-CT-SC-POF	1	9205340000
IE-CT-SC-GOF-P	1	9205350000

Accessories

Type
Note

Type	Qty.	Order No.
IE-CTI-LC-GOF	1	9205290000
IE-CTI-SC-GOF	1	9205280000

A large selection of plugs and connectors can be found in our current Industrial Ethernet Catalogue

Type	Qty.	Order No.
IE-CTI-SC-POF	1	9205300000
IE-CTI-SC-GOF-P	1	9205310000

A large selection of plugs and connectors can be found in our current Industrial Ethernet Catalogue

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts

HTX-IE-POF



- Only one tool needed for all SC-RJ plug processing steps
- For processing 1 mm thick polymer optical fibres, especially for the PROFINET and ETHERNET/IP-SC-RJ connectors
- For stripping Duplex polymer optical fibres
- The plug is crimped and the polymer optical fibres are separated, all in a single step
- Cut surfaces do not need to be polished after cutting
- Locator for precise positioning of the SC-RJ plugs
- Ergonomic handles
- High repeat accuracy

Three steps to produce IP 67 connectors:

- 1) Strip the Duplex polymer optical fibres
- 2) Crimp and separate
- 3) Crimp the strain relief

Technical data

Description of contact	
Type of contact	
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

HTX-IE-POF	
For 1 mm thick polymer optical fibres	
Length	220
Weight	450
Note	

Type	Qty.	Order No.
HTX-IE-POF	1	1208870000
Note		

Crimping tools for other contacts

Crimping tool for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With locator for exact positioning of the contacts

CTF PV WM4

1.5...6 mm²

- For Weidmüller WM4 photovoltaic connectors and similar plugs
- For Multi-Contact MC4 1.5 mm² to 6 mm² and similar plugs
- For Hirschmann SunCon 4 mm² and similar plugs



CTX PV

2.5...6 mm²

- For solar contacts from Tyco Solarlok, 2.5 mm², 4 mm² and 6 mm², and similar plugs
- For Multi-Contact MC3, 2.5 mm², 4 mm² and 6 mm², and similar plugs



Technical data

Description of contact	
Type of contact	
Crimping range	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

CTF PV WM4		
F-plug / -sleeve		
Crimping range	2.5...6	
Length	250	
Weight	730	
Note		

Type	Qty.	Order No.
CTF PV WM4	1	1222870000
Note		

CTX PV		
Turned contacts		
Crimping range	4...6	
Length	250	
Weight	730	
Note		

Type	Qty.	Order No.
CTX PV	1	1249710000
Note		

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation

HTG174 / HTX138 / HTX188



For coaxial connectors such as BNC, TNC and N plugs

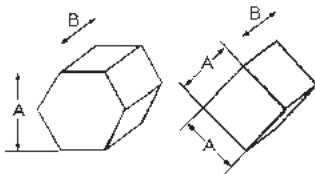
- **HTX 138**
For connectors on Twinax coaxial cable

HTG 58 / HTG 59 / HTG 58/59



For coaxial connectors such as BNC and TNC plugs

- With RG 58, RG 59, RG 62, RG 71, ... cables



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



Technical data

Description of contact	
Type of contact	
Station 1: A / B	mm
Station 2: A / B	mm
Station 3: A / B	mm
C	mm
D	mm
Tool data	
Length	mm
Weight	g
Note	

HTG 174	HTX 138	HTX 188
Coaxial connector	Coaxial connector	Coaxial connector
4.52 / 10	8.24 / 10	3.25 / 10
1.72 / 2.3	1.72 / 2.3	1.72 / 2.3
5.4	9.5	3.8
2	2	2

HTG 58	HTG 58/59	HTG 59
Coaxial connector	Coaxial connector	Coaxial connector
5.4 / 10	5.4 / 10	6.48 / 10
1.72 / 2.3	6.48 / 10	1.72 / 2.3
	1.72 / 2.3	
6.2	6.2	7.5
2	2	2

Ordering data

Version
Note

Type	Qty.	Order No.
HTG 174	1	9012410000
HTX 138	1	9012400000
HTX 188	1	9011990000

Type	Qty.	Order No.
HTG 58	1	9012000000
HTG 58/59	1	9012020000
HTG 59	1	9012010000

Crimping tools for other contacts

- Ratchet for precise crimping
- Release option in the event of incorrect operation
- With end stop for exact positioning of the contacts
- Contact and insulation are crimped in one step

HTF RSV 12 / HTF RSV 16

0.14...2.5 mm²



HTF RSV 16

- ~AWG 26...16

HTF RSV 12

- ~AWG 14...12



HTF ZRV / HTF DFF / HTF AFK 2.5

0.2...2.5 mm²



HTF DFF

For contacts from the Weidmüller DFF series

- ~AWG 24...14
- 0.22...2.5 mm²

HTF ZRV

For contacts from the Weidmüller ZRV contact system and for MKF flat contacts from Grote & Hartmann and similar designs

- ~AWG 24...17
- 0.2...1.0 mm²

HTF AFK 2.5

For FEKO ZRV contacts from Weidmüller's ZRV contact system or AFK contacts from Grote & Hartmann and similar designs

- ~AWG 24...12
- 0.2...2.5 mm²



Technical data

Description of contact	
Type of contact	
Crimping range	AWG
Crimping range 1 (with multiple crimping positions)	AWG
Crimping range 2 (with multiple crimping positions)	AWG
Crimping range 3 (with multiple crimping positions)	mm ²
Crimping range 4 (with multiple crimping positions)	mm ²
Crimping range 5 (with multiple crimping positions)	mm ²
Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

HTF RSV 16	HTF RSV 16 WI
RSV and DSTV-HD	RSV and DSTV-HD
14...12	26...16
14	26...24
12	22...20
	22...20
	18...16
205	205
445	445

Type	Qty.	Order No.
HTF RSV 12	1	9013550000
HTF-RSV 12 ZERT	1	9017890000
HTF RSV 16 WI	1	9013560000
HTF RSV 16 ZERT	1	9017880000

HTF ZRV	HTF DFF	HTF AFK 2.5
Weidmüller ZRV	Weidmüller DFF	Weidmüller FEKO ZRV
0.2...1	0.22...2.5	0.2...2.5
0.2...0.35	0.22...0.35	0.2...3.5
0.5...1	0.5...1	0.5...1
	1.5...2.5	1.5...2.5
200	205	200
436	445	438

Type	Qty.	Order No.
HTF ZRV	1	9014840000
HTF DFF	1	9014140000
HTF AFK 2.5	1	9201040000

Pressing tools

Pressing tools

- Pressing tool for modular plug connectors of the WE system (Western Electric and DEC)
- Ratchet for precise crimping
- Release option in the event of incorrect operation

3 functions:

- Pressing of plug connectors
- Pressing of enclosure shielding
- Crimping of cable shielding

TT 8 GH



For 8-pole (RJ 45) shielded plugs (Hirose) for shielded data cables

- AWG 28...24

TT 8 RS MP 8



For 8-pole shielded RJ 45 plugs

- AWG 27...24

Pressing of IDC contacts



Pressing of shielded enclosures



Crimping of shielded cable



Technical data

Description of contact	
No. of poles	
Tool data	
Length	mm
Weight	g
Note	

TT 8GH		
No. of poles	8	
Length	260	
Weight	750	
Note		

TT 8 RS MP 8		
No. of poles	8	
Length	255	
Weight	1.251	
Note		

Ordering data

Version	
Note	

Type	Qty.	Order No.
TT 8GH	1	9005640000
Note		

Type	Qty.	Order No.
TT 8 RS MP 8	1	9202800000
A large selection of RJ 45 connectors can be found in our current Industrial Ethernet Catalogue		

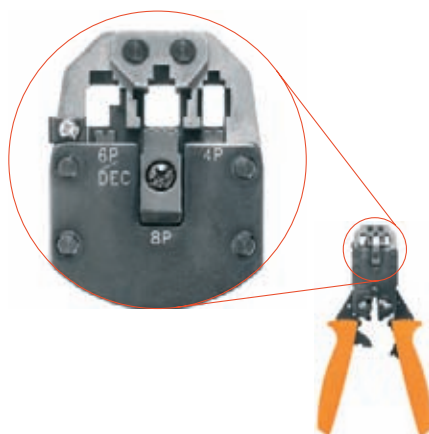
Pressing tools

- Pressing tool for modular plug connectors of the WE system (Western Electric and DEC)
- Ratchet for precise crimping
- Release option in the event of incorrect operation

3 functions:

- Cutting
- Stripping
- Crimping

TT 864 RS WE

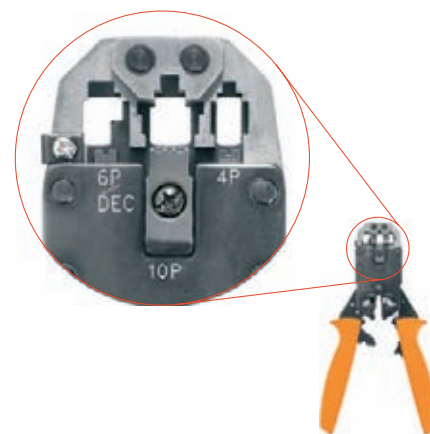


For up to 8-pole flat ribbon or flat-oval data cables

- AWG 28...24
- Connection of:
 - 4-pole WE plugs
 - 6-pole (RJ12) WE plugs
 - 6-pole WE plugs (DEC)
 - 8-pole (RJ45) WE plugs
- Triple crimping for RJ45
- For AMP plugs or versions with similar design
- Other versions on request

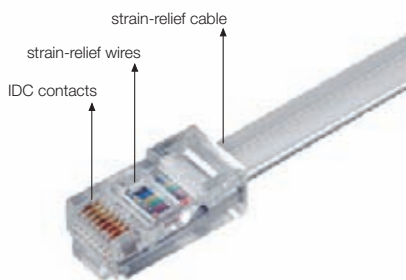


TT 1064 RS WE



For up to 10-pole flat ribbon or flat-oval data cables

- AWG 28...24
- Connection of:
 - 4-pole WE plugs
 - 6-pole (RJ12) WE plugs
 - 6-pole WE plugs (DEC)
 - 10-pole (RJ45) WE plugs
- Triple crimping for RJ45
- For AMP plugs or versions with similar design
- Other versions on request



Technical data

Tool data	
Length	mm
Weight	g
Note	

Ordering data

Version
Note

Accessories

Type	Qty.	Order No.
REPLACEMENT BLADE SET TT864	1	9008130000
Note		

TT 864 RS		
Length	mm	205
Weight	g	525
Note		

Type	Qty.	Order No.
TT 864 RS	1	9008120000
Note		

Type	Qty.	Order No.
REPLACEMENT BLADE SET TT864	1	9008130000
Note		

TT 1064 RS		
Length	mm	205
Weight	g	531
Note		

Type	Qty.	Order No.
TT 1064 RS	1	9008190000
Note		

Type	Qty.	Order No.
REPLACEMENT BLADE SET TT864	1	9008130000
Note		

Crimping tools for connectors

Crimping tools for connectors

- For insulated and uninsulated cable lugs and connectors
- Mechanical function ensures safe and manageable operations under different environmental conditions
- Precision engineering means a high pressing force with little physical effort
- Fast feed helps pre-centreing and extraction of the connecting parts
- Ratchet for high-quality, flawless crimping
- Release option in the event of incorrect operation
- Comprehensive range of standard-compliant crimp inserts

MTR 35 / MTR 110

6...120 mm²

- ~AWG 16...0000
- Tubular cable lugs from 6...120 mm²
- Rolled CU connectors from 6...70 mm²
- Wire-end ferrules from 25...95 mm²
- Retractable head for easy withdrawal of crimped connection



MTR 160 / MTR 300

10...300 mm²

- ~AWG 8...
- Tubular cable lugs from 10...300 mm²
- Rolled CU connectors from 10...150 mm²
- Retractable head for easy withdrawal of crimped connection (MTR 300 only)

MTR 300

Turntable presses: 25...240 sm; 35...240 se

Technical data

Description of contact	
Pressing force / Deviation	kN/mm
Crimping range for copper connector (rolled)	mm ²
Crimping range for copper tube connector	mm ²
Crimping range for insulated connectors	mm ²
Crimping range of wire end ferrule	mm ²
Tool data	
Length / Weight	mm/kg
Note	

Ordering data

Version
Note

Accessories

Type	Qty.	Order No.
MTR 35	1	9017500000
MTR 110	1	9018020000
Crimping inserts see on the following pages		
Note		

MTR 35	MTR 110
25 / 8	55 / 10
6...35	6...70
6...50	10...120
10...25	10...35
25...50	70...95
270 / 1.3	420 / 2
For more details see crimp inserts on the following pages	

Type	Qty.	Order No.
MTR 35	1	9017500000
MTR 35 ZERT	1	9017470000
MTR 110	1	9018020000
MTR 110 ZERT	1	9017490000

Type	Qty.	Order No.
MTR 35	1	9017840000
MTR 110	1	9018040000
Crimping inserts see on the following pages		
Note		

MTR 160	MTR 300
100 / 16	100 / 16
10...150	10...150
	10...300
	10...120
540 / 4	540 / 4
For more details see crimp inserts on the following pages sm: sector conductor stranded; se: sector single conductor	

Type	Qty.	Order No.
MTR 160	1	9017250000
MTR 160 ZERT	1	9017850000
MTR 300	1	9021390000
MTR 300 ZERT	1	9017860000

Type	Qty.	Order No.
MTR 160	1	9017270000
MTR 300	1	9021420000
Crimping inserts see on the following pages		
Note		

MTR 35

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
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

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
Die sets for aluminium tube cable lugs and connectors DIN 46329				
	25	12	7,0	9017600000
	35	14	7,0	9017610000

	Cross-section [mm ²]	Crimping width [mm]	Order No.
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

Cross-section [mm ²]	Order No.
Stamp and dies for copper cable lugs and connectors, DIN 46234, DIN 46230	
Stamp	
6-35	9017670000
Die	
6	9017680000
10	9017690000
16	9017700000
25	9017710000
35	9017720000
with control mark	

Cross-section [mm ²]	Order No.
Die sets for insulated cable lugs and connectors, DIN 46231, 46237	
10	9017990000
16	9018000000
25	9018010000

Cross-section [mm ²]	Order No.
Stamp and dies for wire end ferrules	
Stamp	25-50
25	9017970000
35	9017750000
50	9017540000

MTR 110

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors DIN 46235				
	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

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
Die sets for aluminium tube cable lugs and connectors DIN 46329				
	16/35	10/14	7,0	9018800000
	25/50	12/16	7,0	9018810000
	70	18	7,0	9018820000

	Cross-section [mm ²]	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors standard types			
	10/70	7,0	9018400000
	16/35	7,0	9018410000
	25/50	7,0	9018420000
	95	5,5	9018430000
	120	5,5	9018440000

Cross-section [mm ²]	Order No.
Stamp and dies for copper cable lugs and connectors, DIN 46234, DIN 46230	
Stamp	
6-70	9018500000
4-way die	
10/16/25/35	9018600000
16/25/35/50	9018610000
2-way die	
6/50	9018620000
10/70	9018630000
Single die	
70	9018640000
with control mark	

Cross-section [mm ²]	Crimping width [mm]	Order No.
Die sets for insulated cable lugs and connectors, DIN 46231, 46237		
10	7,0	9018700000
16	8,0	9018710000
25	9,0	9018720000
35	9,5	9018730000
Oval crimp with control mark		
Crimping insert with spring-mounted locator		

Cross-section [mm ²]	Crimping width [mm]	Order No.
Prerounding die sets Cu/Al for sectored cable		
25/50	12	9018450000
35/70	12	9018460000
95	12	9018470000

Cross-section [mm ²]	Order No.
Die sets for wire end ferrules	
Pair of dies	
70	9023360000
95	9023370000

MTR 160

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
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

MTR 300

	Cross-section [mm ²]	Code to DIN 48083	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors DIN 46235				
	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	

	Cross-section [mm ²]	Crimping width [mm]	Order No.
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	

	Cross-section [mm ²]	Crimping width [mm]	Order No.
Die sets for copper tube cable lugs and connectors standard types			
	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	

	Cross-section [mm ²]	Order No.
Die sets for insulated cable lugs and connectors, DIN 46234, DIN 46230		
	10	9021300000
	16	9021310000
	25	9021320000
	35	9021330000
	50	9021340000
	70	9021350000
	95	9021360000
	120	9021370000
	150	9021380000
	with control mark	

	Cross-section [mm ²]	Order No.
Stamp and dies for copper cable lugs and connectors, DIN 46234, DIN 46230		
	2-way die	
	16/35	9022360000
	10/70	9022350000
	25/50	9022370000
	Stamp	
	10 - 70	9022990000
	Single die	
	95	9022380000
	120	9022390000
	150	9022400000
	Stamp	
	95-150	9023110000

	Cross-section [mm ²]	Order No.
Die sets for insulated cable lugs and connectors, DIN 46231, 46237		
	10	9016180000
	16	9016190000
	25	9016200000
	35	9016210000
	50	9016220000
	70	9016230000
	95	9016240000
	120	9016250000

	Cross-section [mm ²]	Order No.
Prerounding die sets Cu/Al for sectored cable		
	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

Incision tool for twisted-pair cable

For connecting twisted-pair cable to terminal rails with IDC contacts e.g. in main and floor distributors, and in modular wall junction boxes for structured building cabling.

PDT



The punch-down tool has the following features:

- Mechanics made from metal components
- Adjustable pressing force for conductor sizes AWG 20 to AWG 28
- Different blades for connector blocks of type 110 from AT&T, type 66, type LSA Plus from Krone (Standard and scissors cutting function) as well as for telephone outlets 630A6
- Incision blades with 2 functions: incision or incision with cutting off of remaining conductor
- Storage compartment for one blade



- A = PD blade 110
- B = PD blade 66
- C = PD blade 630
- D = PD blade Krone LSA (standard)
- E = PD blade Krone LSA (scissor)

Technical data

Length / Width / Height	mm
Weight	g
Note	

Ordering data

Version
Note

Accessories

Note

PUNCH DOWN TOOL PDT		
160 / 37 / 29		
142		

Type	Qty.	Order No.
PUNCH DOWN TOOL PDT	1	9013970000
(without blade)		

Type	Qty.	Order No.
PD blade Krone LSA Plus (scissor)	1	9014050000
PD blade 110	1	9013960000
PD blade 630	1	9013990000
PD blade 66	1	9013980000
PD blade Krone LSA Plus (standard)	1	9014000000

Disconnect

Removal Tool CM3, CM5, HD

CM3 Removal Tool

Contact release tool for freeing crimp contacts in the Concept CM3 module

CM5 Removal Tool

Contact release tool for freeing crimp contacts in the Concept CM5 module

HD Removal Tool

Contact release tool for freeing crimp contacts in the Concept CM10 module

Ordering data

Type	Qty.	Order No.
REMOVAL TOOL HD	1	1866730000
Removal Tool CM 3	1	1866710000
Removal Tool CM 5	1	1866720000



Removal Tool CM20

Contact release tool for freeing crimp contacts in the Concept CM20 module

Ordering data

Type	Qty.	Order No.
Removal Tool CM 20	1	1866740000



Removal Tool HE

Contact release tool for the ConCept HE module and for releasing crimp contacts in the ConCept CM4 module

Ordering data

Type	Qty.	Order No.
Removal Tool HE	1	1866750000



HDC-DW RSV 1.6

Contact release tool for the ConCept module, or for dismantling stamped HD pin and socket contacts of type CB/CS and GB/GS

Ordering data

Type	Qty.	Order No.
DW RSV 1.6	1	9004530000



DFF-C

Disengaging tool for removing crimp contacts clipped in BLAC enclosures

Ordering data

Type	Qty.	Order No.
DFF-C ENTRIEGELUNGSWZ.	1	9014210000



Removal Tool AFK

Contact release tool for removing FEKO ZRV contacts.

Ordering data

Type	Qty.	Order No.
Removal Tool AFK	1	1866760000



Replacement sleeve for contact release tool**Ordering data**

Type	Qty.	Order No.
HÜLSE REMOVAL TOOL HD	5	1044100000
HÜLSE REMOVAL TOOL CM 3	5	1044080000
HÜLSE REMOVAL TOOL CM 5	5	1044090000



Tools for polymer optical fibre

HTX-HDC/POF

POF crimping

Crimping of „polymer optical fibre“ (POF) fibre-optical contacts.

- For plug and socket
- Ratchet for precise crimping
- Unlocks in case of incorrect operation
- Locator for precise contact positioning

Contacts:

- Fibre-optic cable HD contact socket for Ø 1.0 mm POF
- Fibre-optic cable HD contact pin for Ø 1.0 mm POF

Ordering data

Type	Qty.	Order No.
HTX-HDC/POF	1	9010950000

Technical data

Length	200 mm
Weight	438 g



PB LWL/POF / PS LWL/POF

POF polishing

For processing the cut surface of fibre-optic cables with polymer optical fibre (POF)

- Buffing disc (PS LWL/POF)
- Buffing sheet (PB LWL/POF)

Ordering data

Type	Qty.	Order No.
PB LWL/POF	1	9020400000
PS LWL/POF	1	9020390000



AM LWL/POF

POF stripping

Stripping fibre-optic cables. Fibre-optic cables with polymer optical fibre (POF).

- Longitudinal stop with scale is built into the tool
- Stripping direction is lengthwise to the fibre
- No damage to the optical fibre

Ordering data

Type	Qty.	Order No.
AM LWL/POF	1	9020360000



LWL-stripax

Stripping and cutting tool for plastic fibre-optic cables with 1 mm diameter inner conductor

- Stripping length adjustable via end stop
- Automatic opening of the clamping jaws after stripping

Ordering data

Type	Qty.	Order No.
M-D-STRIPAX LWL	1	9003750000



Technical data

Max. stripping performance	
Cable type	
Conductor diameter	-
Stripping length, max.	-
Tool data	
Length	mm
Weight	g
Note	

M-D-STRIPAX LWL	
POF conductor with an inner conductor of 1 mm Ø	
...	1
Stripping length, max.	7,5
Length	135
Weight	110
POF: polymer optical fibre	

Cable tie tools

RT 1

WSM Tool



For plastic cable ties with widths of 2.5...4.8 mm and a thickness of up to 1.6 mm.

- Tensioning and separating of cable ties in one step
- The tensioning force can be adjusted over a wide range to cover small to standard cable ties.
- For cable bundles of 1.6 mm to 100 mm diameter

For steel cable ties with a width of 4.6 mm

- Tensioning and automatic separation of projecting cable ties in one step
- For steel cable ties, e.g., Weidsteel from Weidmüller



Technical data

Length	mm
Weight	g
Note	

KABELBINDERZANGE RT-1		
Length	mm	160
Weight	g	260
Note		

WSM TOOL AUTOMATIK		
Length	mm	275
Weight	g	579
Note		

Ordering data

Version	
Note	

Type	Qty.	Order No.
KABELBINDERZANGE RT-1	1	1296000000
Note		

For detailed information, refer to cable ties in the „Identification systems“ catalogue.

Type	Qty.	Order No.
WSM TOOL AUTOMATIK	1	1774470000
Note		

Cable tie tools

Cable tie tools

WSM Tool



For steel cable ties with a width of 4.6 mm

- For tightening the steel cable ties, the cable tie can then be positioned by turning 90°.



Technical data

Length	mm
Weight	g
Note	

Ordering data

Version
Note

WSM TOOL MANUELL		
Length	220	
Weight	633	
Note		

Type	Qty.	Order No.
WSM TOOL MANUELL	1	1774480000
Note		