

Uninsulated terminals 0.15 - 10 mm² with associated tools

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General information about uninsulated terminals



System Elpress

System Elpress consists of terminals and tools that are designed and tested together to give a certified crimping result. This ensures that users will feel confident when using our systems, and that a secure connection will be achieved through the proper handling of our products.

Uninsulated terminals

Elpress through connectors, ring, pipe, fork and pin terminals are made of high-quality copper 99.95%. The receptacles and sockets are made of brass. All terminals are then electro-tin plated for maximum corrosion protection. Terminals made of copper bands have a brazed neck which is soldered, which means that it can be crimped in any direction.



Examples of crimps using Elpress uninsulated terminals.

Marking of uninsulated terminals

Elpress uninsulated terminals are marked with logotype, area and any screw diameter to facilitate work and checkability.

Designation example

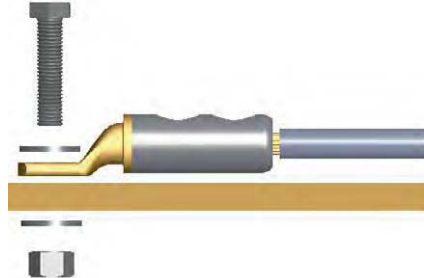
Cat no B1532R (G, HO, FLS etc)

B = uninsulated
 15 = Area (1.5 mm²)
 32 = Characteristic dimension (Hole 3.2 mm)
 G = fork terminals
 GS = fork terminal
 H = tabs (male)
 HN = tab with locking lip
 HA = bullet
 HO = socket
 R = ring terminals
 SR = pin terminal
 FLS = receptacle, rolled type
 FLSB = receptacle 90 rolled type
 FLSH = receptacle w male rolled type
 FLSN = receptacle w locking lip rolled model
 FLSV = receptacle angled rolled model

Screw and washer

The following apply for bright galvanized type nuts and screws, with strength class 8.8, used for connecting terminals with Cu and Al palms:

- Always use a torque wrench to be certain the right torque is achieved. Make sure it is calibrated at regular intervals according to the supplier's instructions.
- Use the recommended torque according to the screw manufacturer's instructions.
- Always use a hard flat washer to reduce friction against the connection surface and the edge pressure, hardness min HB200.
- Install as illustrated.



IEC recommendations

IEC - The International Electrical Commission - publishes internationally viable standards which, although not directly binding, often have great impact and are used as the basis for international deliveries. A technical report, IEC 61238-2, sets out the following recommendations regarding screw sizes for connecting terminals with Cu and Al plate provided that mounting takes place with a washer and with the correct tightening torque.

Conductor area, mm ²	Screw
10	M6
16-50	M8
70-95	M10
120-300	M12
400-500	M16



UL-approved terminals

UL is a US standard that is also internationally accepted. Elpress standard Cu-terminals type KR/KS, KRF/KSF are UL approved acc. to file no. E205350.

Hand tools for uninsulated terminals

Mechanical tools

In the development of a mechanical crimping tool at Elpress, we strive for the best quality and ergonomics in the actual tool, and the best characteristics in the crimped terminal. The tools have a built-in locking system (not the hobby tools) that ensures that the entire crimping process is completed - a prerequisite for professional and quality-assured work.



Elpress Mobile, professional tool with interchangeable dies for the installer or service technician.

Miniforce-tools

With the unique Miniforce tools, a new level has been established regarding ergonomic adaptation to the user and low force requirements. This has meant a decrease in the grip forces by up to 45% and is the result of an advanced development process where minimisation of the risks of work-related injuries and the best ergonomics have been the deciding factors.



Miniforce type C has longer handles to facilitate two-handed operation, which is often a simple and natural way to reduce the loads. Electrical crimping tools and terminals together constitute a contact crimping system where crimping results are continuously checked against the requirements of established standards such as IEC 60352-2, SEN 245010, DIN 46429, IEC 61238-1 etc. Many of the manual tools have symmetrical crimp positions that make it possible to work from both sides - something that is important for left-handed users. The tools in the Miniforce, D and 50 series are made of very high-grade hardened steel with a black oxide finish and are laser marked.



Certification of crimping tools

For quality assurance of our tools, we already certify the manufacture of our crimping tools, both hand tools, type Gxx, i.e. Miniforce tools, and type Dxx.



What do we certify?

Certification of the crimping tools means that each individual tool is documented at the final assembly and inspection stage with respect to:

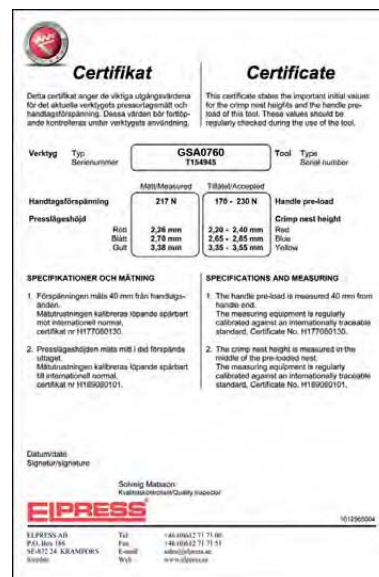
- **handle pre-load**, which is the force needed to ensure that the lock, which prevents a crimp from being interrupted, is not released too early.
- **crimp die nest heights**, i.e. the maximum height measurements which can be measured in each indentation with the dies pressed together.

Why certification?

The certificate that accompanies the tool serves several functions:

- crimping tools are often directly introduced upon procurement in a quality management system. The tool's status at procurement shall of course be the first thing noted, to then be followed by regular checks where potential changes can be discovered and addressed.
- the certificate shows that each individual tool meets the requirements of the tool's basic specifications.
- the certificate states what the most important characteristics are that shall be followed up.

Elpress' service department offers the possibility of continued follow-up of the quality of the tools.



Certificate that accompanies the tool.



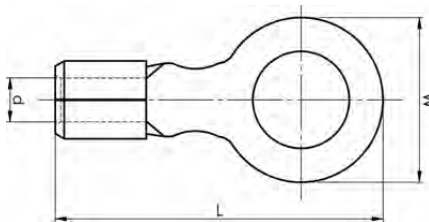
Get your certificate.



Elpress ergonomic Miniforce tool.

Ring terminal 0.25 - 6 mm²

• Material: Cu 99.95%, tin plated, brazed neck.



mm ² (Cu)	AWG Cu	Name	Screw	W mm	d	L	t	s	Neck type	Tool	Pcs/pack
0,25-0,75	24-20	B0832R	M3	5,5	1,3	13	0,5	7	Brazed	DKB0325	100
0,25-0,75	24-20	B0843R	M4	7,5	1,3	16,2	0,5	7	Brazed	DKB0325	100
0,25-0,75	24-20	B0853R	M5	9	1,3	17	0,5	7	Brazed	DKB0325	100
0,75-1,5	20-16	B1532R	M3	5,5	1,8	14	0,7	7	Brazed	DKB0325, DKB0760	100
0,75-1,5	20-16	B1543R	M4	7	1,8	16	0,7	7	Brazed	DKB0325, DKB0760	100
0,75-1,5	20-16	B1553R	M5	9	1,8	18	0,7	7	Brazed	DKB0325, DKB0760	100
0,75-1,5	20-16	B1565R	M6	11	1,8	21,5	0,7	7	Brazed	DKB0325, DKB0760	100
0,75-1,5	20-16	B1585R	M8	14	1,8	23	0,7	7	Brazed	DKB0325, DKB0760	100
0,75-1,5	20-16	B1510R	M10	16,5	1,8	25,8	0,7	7	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2532R	M3	6	2,3	15	0,8	8	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2537R	M3,5	6	2,4	14	0,8	7	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2543R	M4	7	2,4	16	0,8	8	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2553R	M5	9	2,4	18	0,8	8	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2565R	M6	11	2,4	21,5	0,8	8	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2585R	M8	14	2,4	23	0,8	8	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2510R	M10	16,5	2,4	25,75	0,7	8	Brazed	DKB0325, DKB0760	100
4-6	12-10	B4643R	M4	7,8	3,4	17,5	1	9	Brazed	DKB0760	100
4-6	12-10	B4653R	M5	9	3,4	18	1	9	Brazed	DKB0760	100
4-6	12-10	B4665R	M6	11	3,4	21,5	1	9	Brazed	DKB0760	100
4-6	12-10	B4685R	M8	14	3,4	24	1	9	Brazed	DKB0760	100
4-6	12-10	B4610R	M10	17	3,4	27,5	1	9	Brazed	DKB0760	100
4-6	12-10	B4613R	M13	19,2	3,4	32,5	1	9	Brazed	DKB0760	100

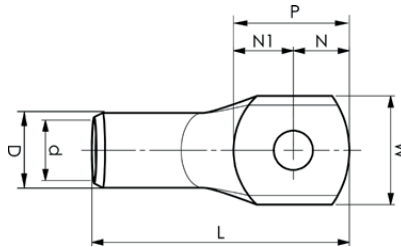
t = palm thickness, s = strip length

Tube terminal 0.75 - 10 mm²

- Material: Cu 99.95%, tin plated Cu/Sn.
- For multi-stranded (Class 5) and get-stranded (Class 2) Cu conductors.
- UL approved (1.5 - 10 mm²).



Examples of plate marking KR: 10 10
10 = mm² 10 = Plate hole for M10



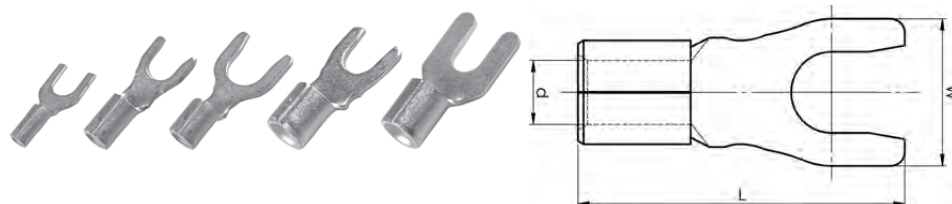
mm ² (Cu)	AWG Cu	Name	Screw	W mm	d	N	N1	P	L	t	s	Tool	Inspection hole	Pcs/pack	Die
0,75	(22)-18	KR0,75-3	M3	6	1,3	3,2	3,8	7	17	0,85	7,5	DKB0325, DKB0760	No	100	
0,75	(22)-18	KR0,75-4	M4	6	1,3	3,2	3,5	6,7	17	0,8	7,5	DKB0325, DKB0760	No	100	
1,5	(18)-16	KR1,5-3	M3	6,5	1,8	3,4	3,6	7	16	1	7,5	DKB0325, DKB0760	No	100	
1,5	(18)-16	KR1,5-4	M4	6,5	1,8	4,2	3,8	8	17	0,9	7,5	DKB0325, DKB0760	No	100	
1,5	(18)-16	KR1,5-5	M5	7,5	1,8	4,8	4,7	9,5	18	0,85	7,5	DKB0325, DKB0760	No	100	
2,5	(16)-14	KR2,5-3	M3	7,5	2,3	3,5	4,1	7,6	17	1,3	7	DKB0325, DKB0760	No	100	
2,5	(16)-14	KR2,5-4	M4	7,5	2,3	4,2	4,1	8,3	18	1,3	7	DKB0325, DKB0760	No	100	
2,5	(16)-14	KR2,5-5	M5	8,5	2,3	4,8	4,8	9,6	19	1,1	7	DKB0325, DKB0760	No	100	
2,5	(16)-14	KR2,5-6	M6	8,5	2,4	5,1	5,8	10,9	19	1,1	7	DKB0325, DKB0760	No	100	
4	12	KR4-3	M3	8,5	3	4,2	5,8	10	21	1,5	8,5	GWB4099, ES2258	Yes	100	
4	12	KR4-4	M4	8,5	3	4,2	5,8	10	22	1,5	8,5	GWB4099, ES2258	Yes	100	
4	12	KR4-5	M5	9	3	4,8	5,2	10	22	1,5	8,5	GWB4099, ES2258	Yes	100	
4	12	KR4-6	M6	9,9	3	5	7	12	23	1,3	8,5	GWB4099, ES2258	Yes	100	
6	10	KR6-4	M4	9,5	4	4	6	10	22	1,7	8,5	GWB4099, ES2258	Yes	100	
6	10	KR6-5	M5	9,5	4	5	6	11	22	1,7	8,5	GWB4099, ES2258	Yes	100	
6	10	KR6-6	M6	9,9	4	5,5	6,5	12	23	1,6	8,5	GWB4099, ES2258	Yes	100	
6	10	KR6-8	M8	13	4	7	10	17	30	1,2	8,5	GWB4099, ES2258	Yes	100	
10	8	KR10-4	M4	11,5	5	6	8	14	29	2,9	11	GWB4099, ES2258, PVL350, V600, DV1300	Yes	100	8
10	8	KR10-5	M5	11,5	5	6	7,5	13,5	29	2,9	11	GWB4099, ES2258, PVL350, V600, DV1300	Yes	100	8
10	8	KR10-6	M6	11,5	5	6	7,5	13,5	29	3	11	GWB4099, ES2258, PVL350, V600, DV1300	Yes	100	8
10	8	KR10-8	M8	13,5	5	7,5	8,5	16	33	2,3	11	GWB4099, ES2258, PVL350, V600, DV1300	Yes	100	8
10	8	KR10-10	M10	16	5	8	10	18	34	2	11	GWB4099, ES2258, PVL350, V600, DV1300	Yes	100	8
10	8	KR10-12	M12	18,5	5	10	13,5	23,5	41	1,7	11	GWB4099, ES2258, PVL350, V600, DV1300	Yes	100	8

t = palm thickness, s = strip length

03

Fork terminals 0.25 - 10 mm²

• Material: Cu 99.95%, tin plated Cu/Sn, brazed neck.

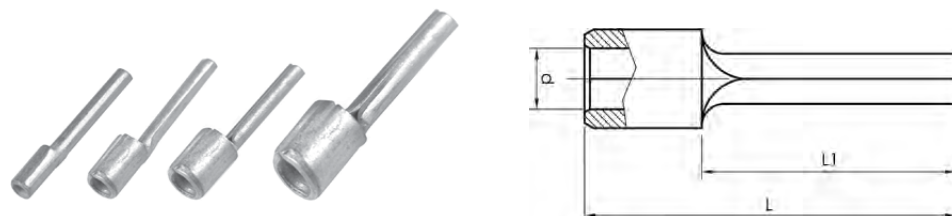


mm ² (Cu)	AWG Cu	Name	Screw	W mm	d	L	t	s	Neck type	Tool	Pcs/ pack
0,25-0,75	24-20	B0832G	M3	5,5	1,3	13	0,5	7	Brazed	DKB0325	100
0,25-0,75	24-20	B0843G	M4	6,2	1,3	16,2	0,5	7	Brazed	DKB0325	100
0,75-1,5	20-16	B1532G	M3	5,5	1,8	14	0,7	7	Brazed	DKB0325, DKB0760	100
0,75-1,5	20-16	B1537GS	M3,5	5,5	1,8	16,2	0,7	7	Brazed	DKB0325, DKB0760	100
0,75-1,5	20-16	B1543G	M4	7	1,8	16,2	0,7	7	Brazed	DKB0325, DKB0760	100
0,75-1,5	20-16	B1553G	M5	9	1,8	18	0,7	7	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2532G	M3	5,5	2,4	13	0,8	8	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2543G	M4	7	2,4	16,2	0,8	8	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2553G	M5	9	2,4	18	0,8	8	Brazed	DKB0325, DKB0760	100
4-6	12-10	B4643G	M4	7,8	3,4	17,4	1	9	Brazed	DKB0760, GWB4099	100
4-6	12-10	B4653G	M5	9	3,4	18	1	9	Brazed	DKB0760, GWB4099	100
10	8	B9953G	M5	10,5	4,5	24	1,1	11	Brazed	GWB4099	100
10	8	B9965G	M6	10,5	4,5	24	1,1	11	Brazed	GWB4099	100

t = palm thickness, s = strip length

Pin terminals 0.25 - 6 mm²

• Material: Cu 99.95%, tin plated Cu/Sn, brazed neck.

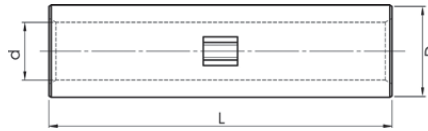
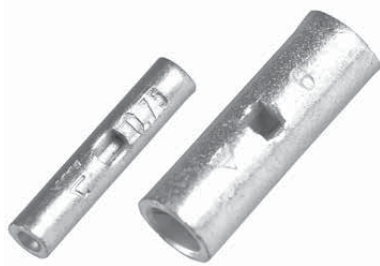


mm ² (Cu)	AWG Cu	Name	W mm	d	L	L1	s	Neck type	Tool	Pcs/ pack
0,25-0,75	24-20	B0819SR	1,8	1,3	17,5	12	7	Brazed	DKB0325	100
0,75-1,5	20-16	B1519SR	1,7	1,8	17	12	7	Brazed	DKB0325, DKB0760	100
1,5-2,5	16-14	B2519SR	1,9	2,4	17	12	8	Brazed	DKB0325, DKB0760	100
4-6	12-10	B4630SR	2,7	3,4	20,8	14	9	Brazed	DKB0760	100

s = strip length

Joining sleeves 0.75 - 10 mm²

- Material: Cu 99.95%, tin plated Cu/Sn.
- UL approved (not KS0,75)



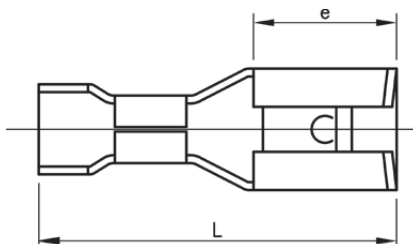
03

mm ² (Cu)	AWG Cu	Name	d mm	D	L	s	Tool	Pcs/ pack	Die
0,75	(22)-18	KS0,75	1,3	2,8	14	7	DKB0325, DKB0760	100	
1,5	(18)-16	KS1,5	1,8	3,3	14	7	DKB0325, DKB0760	100	
2,5	(16)-14	KS2,5	2,3	4,2	16	8	DKB0325, DKB0760	100	
4	12	KS4	3	5	19	9	GWB4099, ES2258	100	
6	10	KS6	4	6	19	9	GWB4099, ES2258	100	
10	8	KS10	5	8	30	15	GWB4099, ES2258, PVL350, V600, DV1300	100	8

s = strip length

Receptacles rolled type 0.5 - 6 mm²

• Material: brass/Cu, tin plated Cu/Sn.

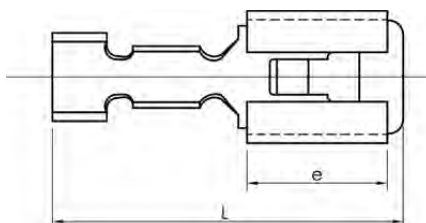


mm ² (Cu)	AWG Cu	Name	e mm	L	t	s	For tab	Tool	Pcs/ pack
0,5-1	20-18	B1003FLS5	6	14	0,25	7	2,8x0,5	DRB0115	100
0,5-1	20-18	B1003FLS8	5	12,7	0,3	7	2,8x0,8	DRB0115	100
0,75-1,5	20-16	B1505FLS5-1	6,4	16	0,4	7	4,8x0,5	GRB0560	100
0,75-1,5	20-16	B1505FLS8-1	6,4	16	0,4	7	4,8x0,8	GRB0560	100
0,75-1,5	20-16	B1507FLS1	7,6	19	0,4	7	6,3x0,8	GRB0560	100
1,5-2,5	16-14	B2505FLS5	6	15,6	0,35	8	4,8x0,5	GRB0560	100
1,5-2,5	16-14	B2505FLS8	6	16	0,4	8	4,8x0,8	GRB0560	100
1,5-2,5	16-14	B2507FLS1	7,6	19	0,4	8	6,3x0,8	GRB0560	100
4-6	12-10	B4607FLS1	7,6	19	0,4	8	6,3x0,8	GRB0560	100

t = metal thickness, s = strip length

Receptacles with locking lip rolled type 0.5 - 6 mm²

• Material: brass/Cu, tin plated Cu/Sn.

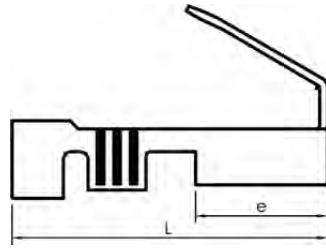


mm ² (Cu)	AWG Cu	Name	t mm	e	L	s	For tab	Tool	Pcs/ pack
0,5-1,5	20-16	B1507FLSN	0,4	7,5	19,2	7	6,3x0,8	GRB0560	100
1,5-2,5	16-14	B2507FLSN	0,4	7,5	19	8	6,3x0,8	GRB0560	100
4-6	12-10	B4607FLSN	0,4	7,5	19	9	6,3x0,8	GRB0560	100

t = metal thickness, s = strip length

Multiple tabs, rolled type (piggy back) 0.5 - 2.5 mm²

• Material: brass/Cu, tin plated Cu/Sn.

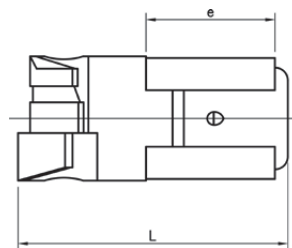


mm ² (Cu)	AWG Cu	Name	t mm	e	L	s	For tab	Tool	Pcs/pack
0,5-1,5	20-16	B1507FLSH	0,4	8	20	7	6,3x0,8	GRB0560	100
1,5-2,5	16-14	B2507FLSH	0,4	8	20	7	6,3x0,8	GRB0560	100

t = metal thickness, s = strip length

Receptacles 90° rolled type 0.5 - 1.5 mm²

• Material: brass/Cu, tin plated Cu/Sn.

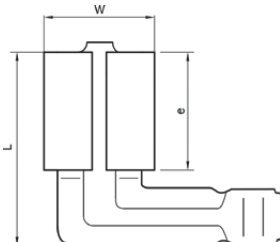


mm ² (Cu)	AWG Cu	Name	t mm	e	L	s	For tab	Tool	Pcs/pack
0,5-1,5	20-16	B1507FLSB8	0,4	7,7	13	7	6,3x0,8	TRB0515B	100

t = metal thickness, s = strip length

Receptacle angled rolled type 0.5 - 1 mm²

• Material: brass/Cu, tin plated Cu/Sn.

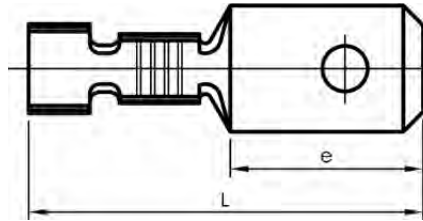
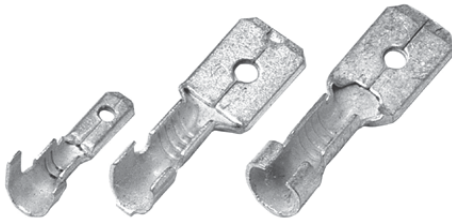


mm ² (Cu)	AWG (Cu)	Name	W mm	t	e	L	s	For tab	Tool	Pcs/pack
0,5-1	20-18	B1003FLSV5	3,8	0,3	4,9	9,3	7	2,8x0,5	DRB0115	100

t = metal thickness, s = strip length

Tab 0.5 - 2.5 mm²

• Material: brass/Cu, tin plated Cu/Sn.

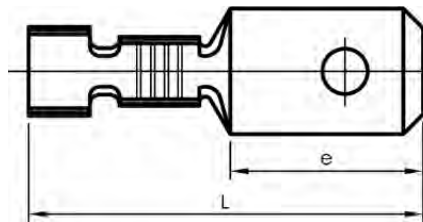
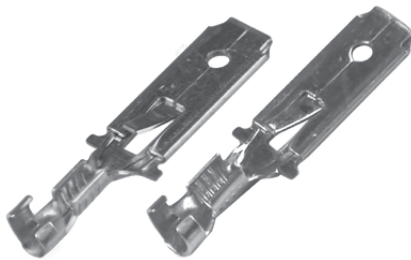


mm ² (Cu)	AWG Cu	Name	e mm	L	s	For tab	Tool	Pcs/pack
0,5-1	20-18	B1003H	5,6	12,7	7	2,8x0,8	DRB0115	100
0,5-1,5	20-16	B1507H	8	19	7	6,3x0,8	GRB0560	100
1,5-2,5	16-14	B2507H	8	20	8	6,3x0,8	GRB0560	100

s = strip length

Tab with locking lip 0.5 - 6 mm²

• Material: brass/Cu, tin plated Cu/Sn.

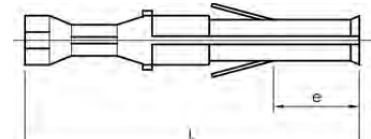
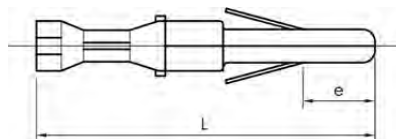


mm ² (Cu)	AWG Cu	Name	e mm	L	s	For tab	Tool	Pcs/pack
0,5-1,0	20-18	B1007HN	16	28	8	6,3x0,8	DRB0115	100
1,5-2,5	16-14	B2507HN	16	28	8	6,3x0,8	GRB0560	100
4-6	12-10	B4607HN	16	28	9	6,3x0,8	GRB0560	100

s = strip length

Bullet and Socket 0.2 - 1.5 mm²

• Material: brass/Cu, tin plated Cu/Sn.
• HA = Male contact
• HO = Female contact

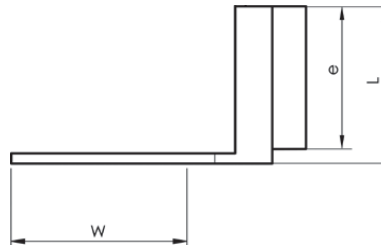


mm ² (Cu)	AWG Cu	Name	e mm	L	s	For bullets ∅	Tool	Pcs/pack
0,2-0,5	24-20	B0502HA	5,5	21	7	2	DRB0115	100
0,5-1,5	20-16	B1502HA	5,5	21	8	2	DRB0115	100
0,2-0,5	24-20	B0502HO	5,5	21	7		DRB0115	100
0,5-1,5	20-16	B1502HO	5,5	21	8		DRB0115	100

s = strip length

Tab with one male

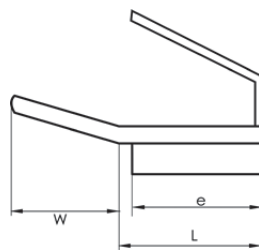
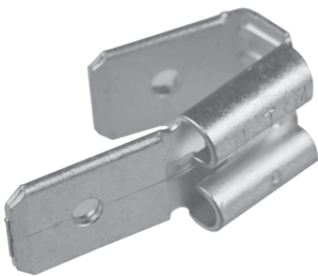
• Material: brass/Cu, tin plated Cu/Sn.



Name	W mm	e	L	Tab	Pcs/pack
B07FLS1H	8,5	8	8,5	6,3x0,8	100

Tab with 2 males

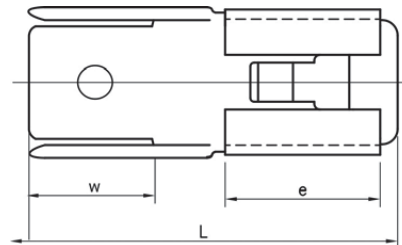
• Material: brass/Cu, tin plated Cu/Sn.



AWG Cu	Name	W mm	e	L	Tab	Pcs/pack
2/0	B07FLS2H	9	7,5	18,5	6,3x0,8	100

Tab with 3 males

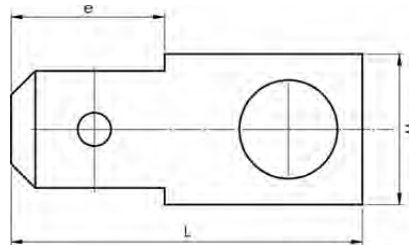
• Material: brass/Cu, tin plated Cu/Sn.



Name	W mm	e	L	Tab	Pcs/pack
B07FLS3H	8	7,5	21	6,3x0,8	100

Tab connector

• Material: brass/Cu, tin plated Cu/Sn.

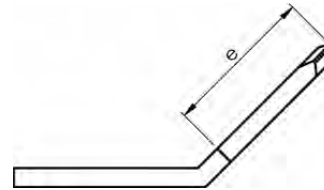
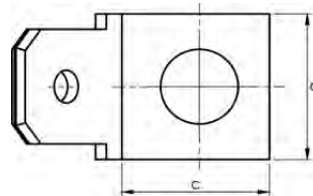


Name	W mm	e	∅	L	Tab	Pcs/pack
B1807H4	8,1	8,3	4,4	19,1	6,3x0,8	100
B1807H5	8	8,3	5,4	19,2	6,3x0,8	100

∅ = Hole diameter

Tab connector 45°

• Material: brass/Cu, tin plated Cu/Sn.

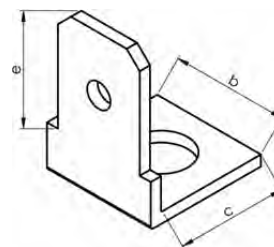
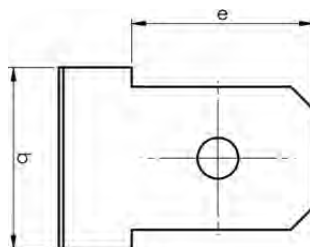


Name	b mm	c	e	∅	Tab	Angle °	Pcs/pack
B0457H4	8	8	8	4,1	6,3x0,8	45°	100
B0457H5	8	8	8	5,3	6,3x0,8	45°	100

∅ = Hole diameter

Tab connector 90°

• Material: brass/Cu, tin plated Cu/Sn.

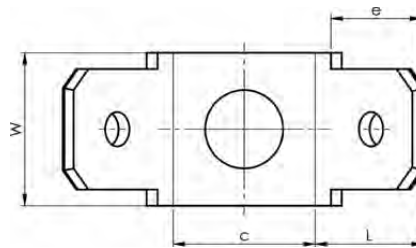


Name	Bb mm	c	e	∅	Tab	Angle °	Pcs/pack
B0907H4	8	8	8,3	4,1	6,3x0,8	90°	100
B0907H5	8	8	8	5,3	6,3x0,8	90°	100

∅ = Hole diameter

Tab connector 2 x 45°

• Material: brass, tin plated Cu/Sn

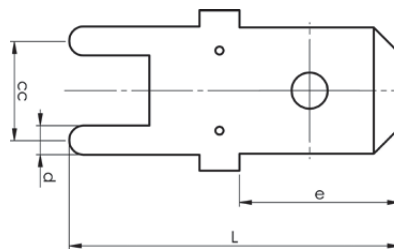


Name	W mm	c	e	∅	L	Tab	Angle °	Pcs/pack
B2457H4	10	12	8	4,2	10	6,3x0,8	2x45°	100
B2457H5	10	12	8	5,2	10	6,3x0,8	2x45°	100

∅ = Hole diameter

Tab for soldering with 2 solder pins

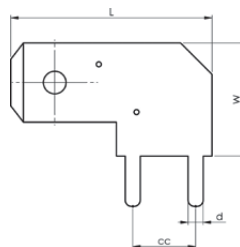
• Material: brass/Cu, tin plated Cu/Sn.



Name	d mm	cc	e	L	Tab	rec. Drill	Pcs/pack
12523	1,5	5	8	16,8	6,3x0,8	1,45	100

Tab for soldering with 2 solder pins, 90°

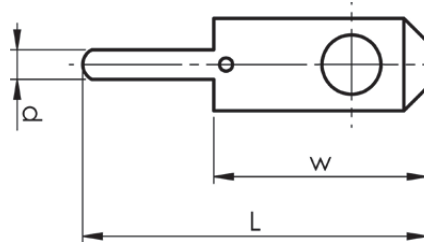
• Material: brass/Cu, tin plated Cu/Sn.



Name	W mm	d	cc	L	Tab	rec. Drill	Pcs/pack
17127	5	1,3	5	13,4	2,8x0,8	1,30	100
17128	9	1,2	5	16	6,3x0,8	1,30	100

Tab for soldering with 1 solder pin

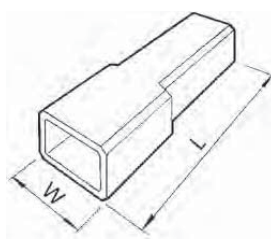
• Material: brass/Cu, tin plated Cu/Sn.



Name	W mm	d	L	Tab	rec. Drill	Pcs/pack
12610	6,5	0,9	10,5	2,8x0,8	1,0	100

Insulation boot ISO1003FL1

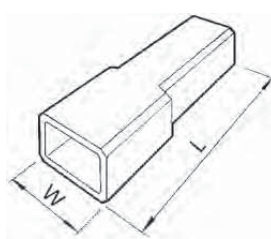
• Used in conjunction with straight tab connections.



Name	W mm	L	For tab	Temp, °C (Min - Max)	Max ϕ conductor	Pcs/pack	Insulation material
ISO1003FL1	5,5	19	2,8	-50 +85	2,5	100	PE

Insulation boot ISO1005FL1

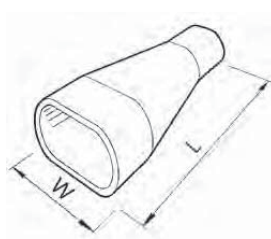
• Used in conjunction with straight tab connections.



Name	W mm	L	For tab	Temp, °C (Min - Max)	Max ϕ conductor	Pcs/pack	Insulation material
ISO1005FL1	7,6	21	4,8	-25 +75	3,2	100	PVC

Insulation boot ISO1507H-BW6

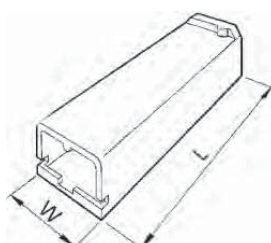
• Used in conjunction with straight tab connections.



Name	W mm	L	For tab	Temp, °C (Min - Max)	Max ϕ conductor	Pcs/pack	Insulation material
ISO1507HBW6	11	23	6,3	-25 +75	3,6	100	PVC

Insulation boot ISO1507FLS

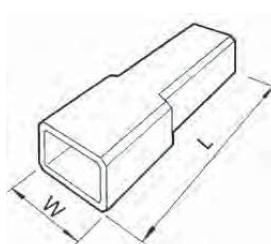
• Used in conjunction with straight tab connections.



Name	W mm	L	For tab	Temp, °C (Min - Max)	Max ø conductor	Pcs/pack	Insulation material
ISO1507FLS	9	24,4	6,3	-25 +90	3,2	100	PP

Insulation boot ISO2507FLS1

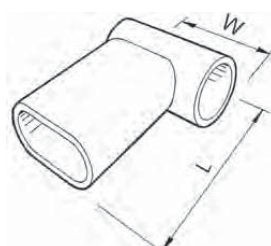
• Used in conjunction with straight tab connections.



Name	W mm	L	For tab	Temp, °C (Min - Max)	Max ø conductor	Pcs/pack	Insulation material
ISO2507FLS1	9,5	22,5	6,3	-50 +85	3,0	100	PE

Insulation boot ISO1507FLB

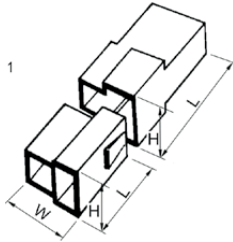
• Used with angled tab connector 90°.



Name	W mm	L	For tab	Temp, °C (Min - Max)	Max ø conductor	Pcs/pack	Insulation material
ISO1507FLB	15	17,3	6,3	-25 +75	2,5	100	PVC

Connector block for receptacles 1.5 - 6 mm²

- Used with receptacles and tabs 1.5-6 mm² with locking lip.
- Material nylon transparent.
- Max voltage 250 V.

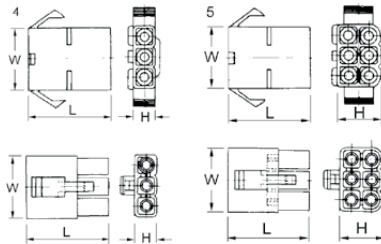
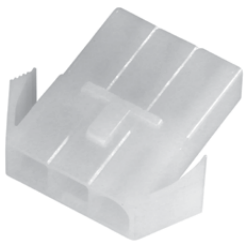


Name	Pole	W mm	H	L	Pcs/pack	Used with
408-2-M	2	16,4	9,7	24	100	B2507FLSN, B4607FLSN
408-4-M	4	28	15,3	24	100	B2507FLSN, B4607FLSN
408-6-M	6	29	15,2	29	100	B2507FLSN, B4607FLSN
408-8-M	8	38	15,6	34	100	B2507FLSN, B4607FLSN
408-2-F	2	20	12,7	32	100	B2507HN, B4607HN
408-4-F	4	23	17,4	33	100	B2507HN, B4607HN
408-6-F	6	31	18,7	33	50	B2507HN, B4607HN
408-8-F	8	40	18,6	33	25	B2507HN, B4607HN

03

Connector block for bullets and sockets 0.2 - 1.5 mm²

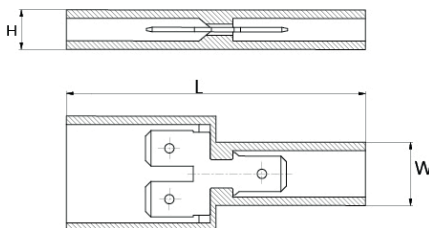
- Used with sockets and bullets 0.2-1.5 mm².
- Material polyamide transparent.
- Max voltage 250 V.
- Max current 20 A.
- Temperature range -20°C to +105°C.
- Tested against breakthrough for 1 min at 1500 V AC.



Name	Pole	W mm	H	L	Pcs/pack	Used with
MC02F	2	13,6	7,3	27	100	B0502HA, B1502HA
MC02M	2	13,5	7,3	27	100	B0502HO, B1502HO
MC03F	3	19,6	7,2	27	100	B0502HA, B1502HA
MC03M	3	19,6	7,1	27	100	B0502HO, B1502HO
MC04F	4	13,5	13,5	27	100	B0502HA, B1502HA
MC04M	4	13,5	13,5	27	100	B0502HO, B1502HO
MC06F	6	19,6	13,4	27	100	B0502HA, B1502HA
MC06M	6	19,6	13,4	27	100	B0502HO, B1502HO
MC09F	9	19,7	19,7	27	100	B0502HA, B1502HA
MC09M	9	19,7	19,7	27	100	B0502HO, B1502HO
MC12F	12	26	19,6	27	50	B0502HA, B1502HA
MC15F	15	32	19,6	27	50	B0502HA, B1502HA
MC15M	15	32	19,9	26	50	B0502HO, B1502HO

Connector block for receptacles - 400 V /18 A

- Used in conjunction with flat pin sleeves.
- Material PVC transparent.
- Max voltage 400 V.
- Max current 18 A.



Name	Pole	W mm	H	L	Tab	Pcs/pack
404-1	1	12	6	48	6,3x0,8	100
405-3	1+2	20,7	7,4	54,5	6,3x0,8	100
401-12	12	28	7	147	6,3x0,8	50

Assortment box - uninsulated terminals



PL701



Assortment box designed for electricians in the field and for service workshops.

Properties:

- box made of LDPE/TP
- 19 compartments (+ 10 empty compartments)
- 700 uninsulated terminals and through connectors 0.75-10 mm²
- crimping tool DKB0325
- crimping tool GWB4099 Miniforce
- stripping tool SCT001

mm ²	AWG	Name	Net weight (kg)	Length mm	Width	Height
0,75-10	22-8	PL701	3,426	380	285	55

Hobby tools for pre-insulated and uninsulated 0.5 - 6 mm² terminals as well as cutting and stripping

Properties:

- made of high-grade steel with semi-soft handles
- crimping positions are clearly marked
- the tools do not have a locking function
- cuts up to and including 6 mm²
- strips up to and including 6 mm²
- cuts screws M2.5-M5



T50 Hobby tool

Special properties:

- contact crimps pre-insulated 0.5 - 6 mm² terminals and tab crimps uninsulated 1.5 - 6 mm² terminals
- red handle

Crimp geometries



mm ²	AWG	Name	Crimp geometries	Net weight (kg)	Length mm
0,5-6	20-10	T50	Tab, Oval	0,268	225



T51 Hobby tool

Special properties:

- contact crimps pre-insulated 0.5 - 6 mm² terminals and roll crimps uninsulated 0.5 - 2.5 mm² terminals
- yellow handle

Crimp geometries



mm ²	AWG	Name	Crimp geometries	Net weight (kg)	Length mm
0,5-6	20-10	T51	Oval, Roll	0,268	225



T52 Hobby tool

Special properties:

- roll crimps uninsulated 0.5 - 6 mm² terminals
- green handle

Crimp geometry



mm ²	AWG	Name	Crimp geometry	Net weight (kg)	Length mm
0,5-6	20-10	T52	Roll	0,268	225

Tool for uninsulated terminals 0.15 - 6 mm² with measuring certificate



Properties:

- crimp points are clearly marked
- adjustable for changes after long use
- tested with Elpress terminals according to requirements of SEN and DIN
- locking function that ensures a complete crimp
- emergency release if the crimping process has to be interrupted
- unique design that makes the tools thin and versatile
- minimal muscle strength required for complete crimp
- withstands at least 50,000 crimps
- supplied with certificate for basic quality monitoring



TRB0515B



Crimping tool for Roller crimping terminals B1507FLSB8.

- No measuring certificate

Crimp geometry



mm ²	AWG	Name	Crimp geometry	Net weight (kg)	Length mm	Width	Height
0,5-1,5	20-16	TRB0515B	Roll	0,74	275	135	49



DRB0115



Tested and certified mechanical hand tool for roll crimping uninsulated tab, bullet and socket terminals 0.15-1.5 mm². GRB0560 is used to crimp B1507FLS1, B1507FLSH

Crimp geometry



mm ²	AWG	Name	Crimp geometry	Net weight (kg)	Length mm	Width
0,15-1,5	26-16	DRB0115	Roll	0,452	192	66



DKB0325



Tested and certified mechanical hand tool for indent crimping Cu terminals 0.25-2.5 mm².

Crimp geometry



mm ²	AWG	Name	Crimp geometry	Net weight (kg)	Length mm	Width
0,25-2,5	24-14	DKB0325	Tab	0,444	192	66



DKB0760



Tested and certified mechanical hand tool for indent crimping Cu terminals 0.75-6 mm².

mm ²	AWG	Name	Crimp geometry	Net weight (kg)	Length mm	Width
0,75-6	20-10	DKB0760	Tab	0,445	192	66

Crimp geometry



Miniforce tool for uninsulated terminals 0.5 - 10 mm² with measuring certificate



- **Properties:**
 - locking function which only releases once crimping is complete
 - emergency release if the crimping process has to be interrupted
 - clearly marked crimping positions
 - adjustable for changes after long use
 - tested with Elpress terminals
 - unique mechanism that reduces maximum handle force from 450 N right down to 250 N (model C)
 - ergonomic handle suitable for all users
 - maximises the quality of work
 - reduces the risk of occupational injuries
 - light and versatile design without sacrificing on strength
 - model C has extra long handles for the use of two hands
 - withstands at least 80,000 crimps
- supplied with certificate for basic quality monitoring



GRB0560L and GRB0560LC

Tested and certified mechanical Miniforce hand tool for roll crimping uninsulated terminals 0.5-6 mm². The tool is type L equipped with three interchangeable locators for different types of terminals (see table). Type LC has long handles.

Special properties:

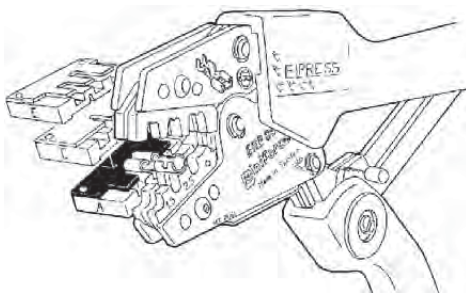
- delivered in practical plastic box
- locator that holds the terminal in the correct position when crimping and gives you an "extra hand" that facilitates work in, for example, confined spaces



Crimp geometry



mm ²	AWG	Name	Crimp geometry	Net weight (kg)	Length mm	Width
0,5-6	20-10	GRB0560L	Roll	0,935	203	76
0,5-6	20-10	GRB0560LC	Roll	0,994	256	80



GRB0560-locator

Locator	Marking	
A	1.	B1507FLS1 B1507FLSN
	2.	B2507FLS1 B2507FLSN
	3.	B4607FLSN B4607FLS1
C	1.	B1507H
	2.	B2507HN
	3.	B4607HN
E	1.	B1505FLS (5 el 8) -1
	2.	B2505FLS (5 el 8) -1



GRB0560 and GRB0560C



Tested and certified mechanical Miniforce hand tool for roll crimping uninsulated terminals 0.5-6 mm².

mm ²	AWG	Name	Crimp geometry	Net weight (kg)	Length mm	Width
0,5-6	20-10	GRB0560	Roll	0,555	203	76
0,5-6	20-10	GRB0560C	Roll	0,615	256	80

Crimp geometry



GWB4099 and GWB4099C



Tested and certified mechanical Miniforce hand tool for W crimping uninsulated ring, fork and pin terminals as well as tube terminals and through connectors type KR and KS 4-10 mm².

mm ²	AWG	Name	Crimp geometry	Net weight (kg)	Length mm	Width
4-10	12-8	GWB4099	W	0,542	203	76
4-10	12-8	GWB4099C	W	0,56	256	80

Crimp geometry



GWB4010 and GWB4010C



Tested and certified mechanical Miniforce hand tool for W crimping un-insulated ring, fork and pin terminals as well as tube terminals and through connectors type KR/KRT and KS/KST 4-10 mm².

mm ²	AWG	Name	Crimp geometry	Net weight (kg)	Length mm	Width
4-10	12-8	GWB4010	W	0,543	256	80
4-10	12-8	GWB4010C	W	0,595	256	80

Crimp geometry



Battery-powered crimping tools for pre-insulated 0.5 - 6 mm² terminals, uninsulated 0.25 - 10 mm² terminals and 0.5 - 50 mm² end sleeves

Properties:

- Li-ion battery powered (10.8 V and 2 Ah), charging time about 40 min
- very good accessibility and ergonomics
- service and installation tools
- fast crimping process 2 – 4 sec
- approximately 230 crimps/battery charge
- dies for the tool sold separately



PVL130P - Elpress Mini

Elpress mini tool with a sleek design with a high performance Li-Ion battery that facilitates your work with its improved battery capacity. Crimping force max. 13 kN. 1 x Li-ion battery and charger included.



PVL130P - Elpress MINI, dies sold separately.

Properties:

- one-handed operation for easy control of all tool functions
- durable crimping head for long service life
- optimal crimping thanks to parallel-moving dies
- easy to use due to its low weight
- high-performance 10.8 V Li-Ion battery – with indication of charge status
- open head, rotating
- easy and comfortable to use one handed thanks to its ergonomic 2-component housing with grip-friendly protection
- automatic return of dies when crimping is complete

mm ² (Cu)	AWG (Cu)	Name	Net weight (kg)	Length	Width	Height	Note
0,25-50	24-1/0	PVL130P	1,5	330	85	60	Charger: 230VAC
0,25-50	24-1/0	PVL130P-US	1,5	330	85	60	Charger: 115VAC
0,25-50	24-1/0	PVL130P-WOBC	0,91	330	85	60	without Battery/Charger



PVL130P, case and charger.



PVL130S - Elpress Mini



PVL130S - Elpress MINI, supplied with die pair SA0760.

Elpress mini tools with intuitive PowerSense function combine the benefits of manual crimping tools with the benefits of battery-powered hydraulic crimping tools.

Crimping force max. 15 kN. 1 x Li-ion battery and charger included.

Properties:

- one-handed operation for easy control of all tool functions
- electronic control with locking function and monitoring for complete closure of the jaws
- safety loop used as fall protection when used outdoors
- motor protection ensures safety in case of overload
- easy and comfortable to use one handed thanks to its ergonomic 2-component housing with grip-friendly protection
- very low weight and fast crimping process for maximum efficiency
- powerful driving technology allows for easy crimps
- high-performance 10.8 V Li-Ion battery – with indication of charge status
- LED work lighting
- Die pair SA0760 comes with the tool

03

mm ² (Cu)	AWG (Cu)	Name	Net weight (kg)	Length	Width	Height	Note
0,25-50	24-1/0	PVL130S	1,5	58	92	250	Charger: 230VAC
0,25-50	24-1/0	PVL130S-US	1,5	58	92	250	Charger: 115VAC
0,25-50	24-1/0	PVL130S-WOBC	0,91	58	92	250	without Battery/Charger



Dies for PVL130P/PVL130S



EB0560



WB4099



KB0325



EB3550



EB1025



EB4010



RB0560



SA0760

mm ² (Cu)	AWG (Cu)	Name	Crimp geometry	Net weight (kg)	Application
0,5-6	20-10	SA0760	Oval	0,05	Pre-insulated terminals
0,25-2,5	22-14	KB0325	Tab	0,039	Uninsulated terminals
4-10	12-8	WB4099	W	0,05	Uninsulated terminals
0,5-6	20-10	RB0560	Roll	0,05	Uninsulated terminals
0,5-6	20-10	EB0560	Trapezoid	0,057	End sleeves
4-10	12-8	EB4010	Trapezoid	0,05	End sleeves
10-25	6-4	EB1025	Trapezoid	0,05	End sleeves
35-50	2-0	EB3550	Trapezoid	0,05	End sleeves

Elpress Mobile - tool with interchangeable dies



Professional contact crimping tool with interchangeable dies for the installer or service technician.

Properties:

- reliable, safe, economic and ergonomic tools
- parallel-moving crimping movement with 10 kN crimping force, tested for 20,000 crimps
- change crimping dies quickly and easily in one operation
- the crimping dies are kept together in pairs and stored in custom holders
- wide selection of dies allows you to use one tool frame for 19 different crimping applications!



Elpress Mobile, frame only.

Elpress Mobile

Mobile hand tool (frame only). Dies are supplementary.

mm ²	AWG	Name	Net weight (kg)	Length mm	Width
0,25-10	24-8	MOBILE	0,554	234	64



Elpress Mobile + dies OAA0525 and OEB0210.

Mobile Installation

Mobile hand tool with two interchangeable dies:

- Die OAA0525 for crimping pre-insulated 0.5 - 2.5 mm² terminals.
- Die OEB0210 for crimping end sleeves 0.25 - 10 mm².
- The tool comes with associated dies in blister packaging.

Name	Net weight (kg)	Length mm	Width
MOBILE INSTALLATION	0,695	234	64



Elpress Mobile + dies OMP45 and OCC1113.

Mobile DataCom

Mobile hand tool with two interchangeable dies:

- OMP45 for crimping modular plug RJ45.
- OCC1113 for crimping coaxial contacts RG58, RG59, RG62 and RG71.
- The tool comes with associated dies in blister packaging.

Name	Net weight (kg)	Length mm	Width
MOBILE DATA/COM	0,667	234	64



Epress Mobile + dies OMS4, OMS3 and OMSL.



Cable stripper LOKE.

Mobile Solar Kit

Mobile hand tool with three interchangeable dies and cable stripper LOKE for stripping solar panel cable with extra thick insulation:

- OMS4, roll crimping of contacts with sleeve \varnothing 4 mm, 2.5 - 6.0 mm².
- OMS3, square crimping of contacts with sleeve \varnothing 3 mm, 2.5 - 6.0 mm².
- OMSL, square crimping of contacts, 2.5 - 6.0 mm².

Name	Net weight (kg)	Length mm	Width
MOBILE SOLAR	0,772	234	64



Mobile Box

Box for the mobile tool with room for the tool as well as 5-6 associated dies. Tools and dies are ordered separately.

Name	Net weight (kg)	Length mm	Width	Height
MOBILE BOX	0,32	246	218	57

Additional dies for Elpress Mobile

All dies have the same quick and easy way of being inserted into the tool frame. The dies are kept together in pairs and supplied in a cassette that can be docked to other cassettes.



OAA0160
Crimping die for Elpress MOBILE tool for asymmetric crimping of pre-insulated terminals 0.1-4 mm² and 4-6 mm².
AWG 11-9.



OAA0525
Crimping die for Elpress MOBILE tool for asymmetric crimping of pre-insulated terminals 0.5-2.5 mm².
AWG 20-13.



OSW0360
Crimping die for Elpress MOBILE tool for crimping through connectors with heat shrink insulation 0.3-0.75 mm² and 4-6 mm².
AWG 11-9.



OSW0525
Crimping die for Elpress MOBILE tool for crimping through connectors with heat shrink insulation 0.5-1.5 mm² and 1.5-2.5 mm².
AWG 15-13.



OPB0140
Crimping die for Elpress MOBILE tool for crimping global power connectors, GPC connectors.



OPB6099
Crimping die for Elpress MOBILE tool for crimping global power connectors, GPC connectors.



OWB4099
Crimping die for Elpress MOBILE tool for W crimping of uninsulated terminals 4-10 mm².
AWG 11-7.



OKB0725
Crimping die for Elpress MOBILE tool for punch crimping uninsulated terminals 0.75-2.5 mm².
AWG 18-13.



OKB0560
Crimping die for Elpress MOBILE tool for punch crimping uninsulated terminals 0.5-6 mm².
AWG 20-9.



OEB0210
Crimping die for Elpress MOBILE tool for crimping end sleeves 0.25-10 mm².
AWG 24-7.



OEB1625
Crimping die for Elpress MOBILE tool for crimping end sleeves 16-25 mm².
AWG 5-3.



OEB3550
Crimping die for Elpress MOBILE tool for crimping end sleeves 35-50 mm².
AWG 2-1/0.



ORB0110
Crimping die for Elpress MOBILE tool for roll crimping uninsulated terminals 0.1-1 mm².
AWG 26-17.



ORB0560
Crimping die for Elpress MOBILE tool for roll crimping uninsulated terminals 0.5-6 mm².
AWG 20-9.



OMP45
Crimping die for Elpress MOBILE tool for crimping modular plug RJ45.



OMP11
Crimping die for Elpress MOBILE tool for crimping modular plug RJ11.



OFO5432
Crimping die for Elpress MOBILE tool for crimping fibre optic contacts.



OCC0908
Crimping die for Elpress MOBILE tool for crimping coaxial contacts RG174, 179.



OCC1113
Crimping die for Elpress MOBILE tool for crimping coaxial contacts RG58, 59, 62, 71.



OCC4755
Crimping die for Elpress MOBILE tool for crimping coaxial contacts RG6, 59.



OMS4
Dies for Mobile tools for roll crimping contacts with sleeve diameter 4 mm, 2.5-6.0 mm².
AWG 13-19.



OMSL
Die for square crimping contacts 2.5-6.0 mm².
AWG 13-9.

