



PV1300



Crimp types



PV1300

Battery powered crimp tool with 13 tons force. Uses the same crimp accessories as the other products in the above V1300 System.

Particulars:

- crimps copper conductors up to 400 mm²
- crimps aluminium conductors up to 240 mm²
- crimps C-sleeves up to 120/120 mm²
- crimp force 123 kN (13 ton)
- number of crimps: 30-80 depending on size and temperature
- crimp time: 12-18 s depending on size
- environmental friendly battery NiMH-type, 12 V, 2.6 Ah
- working temperature -20°C to +40° (battery: +5°C to +40°C)
- LED indication of charge status
- supplied with robust double shell plastic case, battery, charger and instruction
- weight 5,1 kg, (incl. battery)



Accessories for crimping Cu with V1300(TI), V1311 and PV1300

Crimp dies

Supplied as a pair. For hexagonal crimping of Cu terminals and connectors.
If not indicated otherwise, always use inner die holder **V1316** and outer die holder **V1318**.



V1318 + B type dies + V1316.

KRF/KSF		
mm ²	Dies	No. of crimps
10	B8	1
16	B9	1
25	B11	1
35	B13	1
50	B14,5	1
70	B17	1
95	B20	1
120	B22	1
150	B25	1
185	13B27*	2
240	13B30*	2
300	13B32*	2
400	13B38*	3

* All dies **type 13Bxx** are used **without die holder**.

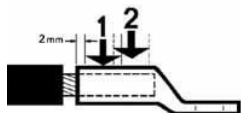
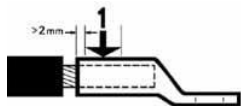
KRD/KSD		
mm ²	Dies	No. of crimps
10	B8	1
16	B8	1
25	B9	1
35	B11	1
50	B12	1
70	B14	1
95	B16	1
120	B19	1
150	B22	1
185	13B25*	2
240	13B27*	2
300	13B30*	2
400	13B32*	2

* All dies **type 13Bxx** are used **without die holder**.

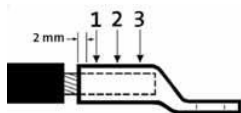
KRT/KST		
mm ²	Dies	No. of crimps
10	B7	1
16	B8.5	1
25	B10	1
35	B12	1
50	B14	1
70	B16	1
95	B18	1
120	B19	1
150	B22	1
185	B24	1
240	13B26*	2
300	13B30*	2
400	13B32*	2

* All dies **type 13Bxx** are used **without die holder**.

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Two crimps.



Three crimps.





DIN 46235		
mm ²	Dies	No. of crimps
10	B6DIN	1
16	B8DIN	1
25	B10DIN	1
35	B12DIN	1
50	B14DIN	1
70	B16DIN	1
95	B18DIN	1
120	B20DIN	1
150	B22DIN	1
185	13B25DIN*	2
240	13B28DIN*	2
300	13B32DIN*	3

* All die type **13Bxx** are used **without die holder**.

For oval crimping of Cu branch connectors (C-sleeves).

If not indicated otherwise, always use inner die holder **V1316** and outer die holder **V1318**.

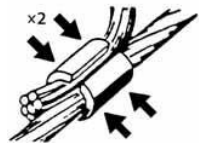
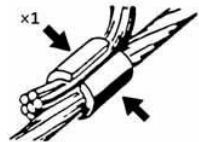


Through conductor mm ²	Branch mm ²	Dies	No. of crimps
10-6	10-6	BC4**	1
16-10	16-10	BC5	1
25-16	25-16	BC6	1
50-16	50-16	BC8-9	1
70-50	70-25	BC11	1
95-70	95-25	13BC13*	2
120-95	120-25	13BC15*	2

* Are used without die holders; make two crimps, see picture.

** Die nest must be marked C4A to connect 6 mm² main to 6 mm² branch.

V1318 + BC type dies + V1316.



One or two crimps made.



Accessories for crimping Al with V1300(TI), V1311 and PV1300

■ When crimping Al terminals and connectors, two indent crimps are always made, see picture.

Punch and matrix

For indent crimping of Al terminals and connectors.
For 16 - 150 (185 solid) mm², matrix holder **V1320** is used.



Stranded mm ²	Solid mm ²	Matrix	Punch
16	16(+25)	P13M	P13D
25	35	P13M	P13D
35	50	P20M	P20D
50	70	P20M	P20D
70	95	P20M	P20D
95	120	P25M	P25D
120	150	P25M	P25D
150	185	P25M	P25D
185	240	13P32M*	P32D
240		13P32M*	P32D

* Used without matrix holder.
Always make two crimps, see picture.

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V1320 matrix holder + P13M matrix + P13D punch.



Crimp sequence.



For preforming of sector shaped Al conductors.
For 16 - 240 mm², matrix holder **V1320** is used.

Stranded mm ²	Solid mm ²	Matrix	Punch
16	16(+25)	R6MR	13R6DR
25	35	R7MR	13R7DR
35	50	R8MR	13R8DR
50	70	R9MR	13R9DR
70	95	R12MR	13R12DR
95	120	R13MR	13R13DR
120	150	R15MR	13R15DR
150	185	R16MR	13R16DR
185	240	13R18MR	13R18DR
240		13R20MR	13R20DR

V1320 die holder + R6MR rounding matrix + 13R6DR rounding punch.



Accessories for crimping overhead line connectors with V1300(TI), V1311 and PV1300

■ For number of crimps on overhead connectors, see tables below.

Crimp dies

Supplied as a pair.

For hexagonal crimping of connectors for overhead conductors of AlMgSi (Super B) and Al 59.



mm ²	Inner die holder	Outer die holder	Dies	No. of crimps
31-62	V1316	V1318	B16NP	2x5
99	V1316	V1318	B20NP	2x5
157			13B26*	2x8
241			13B32*	2x8

* Used without die holders.

Supplied as a pair.

For hexagonal crimping of connectors for overhead ACSR conductors.

Die holders **V1316** and **V1318** to be used.

mm ²	Steel connector (inner)		Al-connector (outer)	
	Dies	No. of crimps	Dies	No. of crimps
62	B6FE	2x5	B16NP	2x5
99	B8FE	2x5	B20NP	2x5

V1318 outer die holder + BNP type dies + V1316 inner die holder.

Storage box LV1300A

Elpress carry box for the V1300(TI)- and V1311-systems.



Storage box LV1300A for the 1300-system.

Particulars:

- steel reinforced plywood
- polyethylen insert material
- takes matrixes, punches and dies up to 400 mm² Cu and 240 mm² Al
- weight 4.2 kg, excl. accessories
- length 465 mm, width 275 mm, height 190 mm
- the box can be used as storage or be taken to site
- sturdy, form cut inserts