



Elpress PVX1300

Battery Operated Crimping Tool

REF NO: PVX1300



* 2-YEAR GUARANTEE

IF SERVICE / CALIBRATION IS PERFORMED DURING THE FIRST YEAR (OR MAX. 10,000 CYCLES) AT ONE OF ELPRESS'S AUTHORISED SERVICE STATIONS

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Description

- crimping tool on the next level, the crimping head made from 100% recycled steel

The PVX1300 crimp pistol is the latest tool equipped with Elpress's patented DUAL technology. The tool is 100% reverse compatible and has been tested and approved for use together with Elpress B-dies and DUAL dies. One new feature of the pistol is a display that gives you valuable information about your tool, e.g. number of performed crimps, battery status, service intervals, etc. The PVX1300 has been created with a new ergonomic design & crimping head that offers you, the user, enhanced performance. The fork is made from 100% recycled steel and has been tested for quality and safety. The tool is supplied with a 2-year guarantee*. There is also the possibility to set a "safety start"*** on the tool.

PVX1300 contact crimps:

- Cu conductor 10-400 mm² (400 mm² not with DUAL function)***
- Al conductor 16-400 mm²
- C-sleeves 6-120 mm²

*** DV250 crimping head used for DUAL crimping 400 mm².



New Feature: Display that gives you valuable information about your tool.



Pressure display with battery status.



Safety Function: ** adjustable crimping operation start with optional one or two 'click' trigger for safer handling of the tool.

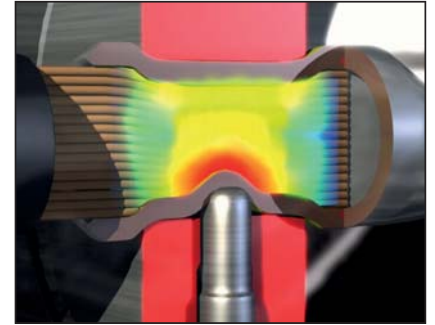
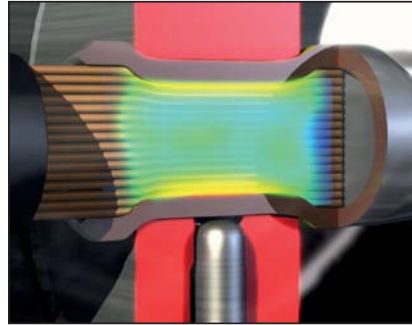
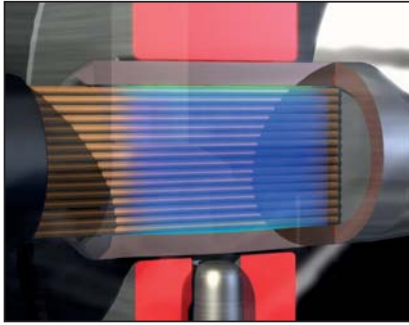


Information on when the next service is due

Elpress DUAL Technology

DUAL technology should be used in particularly severe conditions, such as in trucks, wind power plants and trains, where apart from their electrical properties, the joints are also exposed to corrosion, mechanical resistance and vibrations.

Contact crimping takes place in a two-stage movement, first a hexagonal crimping that provides optimal symmetrical contact with the conductor, which means that no wires are broken or come apart in the edge facing the terminal. This is followed by an additional indent crimp, which provides 30% better electrical properties.



Accessories for crimping flexible Cu-conductors in the DUAL Crimp system DV1300, DV1300C, PVL1300DUAL, PVX1300 and PVX1300C2

DUAL crimp dies

Supplied in pairs.

For crimping of flexible Cu conductors in terminals type KRF or connectors type KSF.

No die holders necessary.



Die pair 13DB20.



Die pair 13DCB20.

mm ²	Dies for DV1300, PVL1300DUAL and PVX1300	Dies for DV1300C and PVX1300C2	No. of crimps
10	13DB8	13DCB8	1
16	13DB9	13DCB9	1
25	13DB11	13DCB11	1
35	13DB13	13DCB13	1
50	13DB14,5	13DCB14,5	1
70	13DB17	13DCB17	1
95	13DB20	13DCB20	1
120	13DB22	13DCB22	2
150	13DB25	13DCB25	2
185	13DB27	13DCB27	2
240	13DB30	13DCB30	2
300	13DB32	13DCB32	2

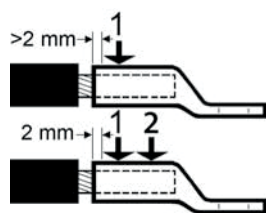
Accessories for crimping Cu with V1300, V1311 , PVL1300 and PVX1300



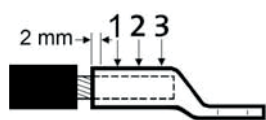
V1318 + B type dies + V1316.



Integrated dies 13B38.



One and two crimps.



Three crimps.

- Note that KRF terminals may be used on flexible (IEC60228, class 5) as well as stranded (class 2) conductors and that KRD and KRT terminals are used on stranded conductors.
- Be sure to use dies exactly matching the terminal.

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.

Cat. no.	Description
V1316	Inner die holder
V1318	Outer die holder

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
120	13B22*	2
150	B25	1
150	13B25*	2
185	13B27*	2
240	13B30*	2
300	13B32*	2
400	13B38*	3

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

Accessories for crimping Cu with V1300, V1311 , PVL1300 and PVX1300



V1318 + B type dies + V1316.

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.



V1318 + BC type dies + V1316.

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 dies type 13BXX are used without die holder.

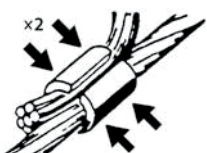
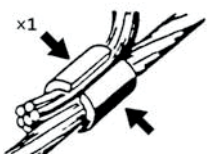
For oval crimping of Cu branch connectors (C-sleeves).

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.



One or two crimps made.

Accessories for crimping Al with V1300, V1311 , PVL1300 and PVX1300

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

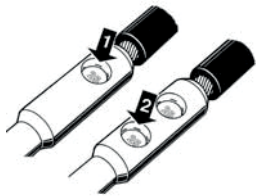
Punch and matrix

For indent crimping of Al terminals and connectors.

For 16 - 150 (185 solid) mm², matrix holder V1320 is used .



V1320 matrix holder + P13M matrix + P13D punch.



Crimp sequence.

Cat. no.	Description
V1320	Matrix holder

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.

For indent crimping of Al terminals type AKKxxxB/AKSxxxB and connectors type ASxxxB.

Stranded mm ²	Matrix	Punch
300	13P37M*	13P37D
400	13P37M*	13P37D

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

Accessories for crimping Al with V1300, V1311 , PVL1300 and PVX1300



Matrix holder V1320 + matrix R6MR + punch 13R6DR.

For prerounding 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

* Used without matrix holder.

L-Alu



Storage box L-Alu

Complementary carry box to LV1300B and LV250 which takes all necessary accessories to crimp Elpress Al- terminals and through connectors.

Particulars:

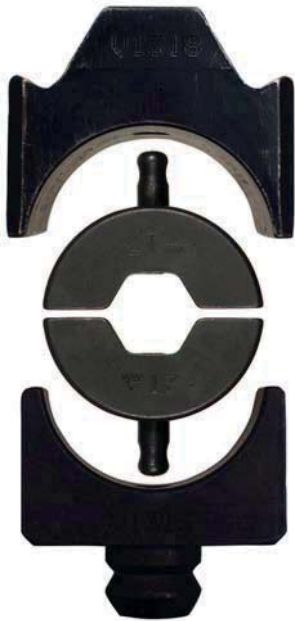
- steel reinforced plywood
- polyethylen insert material
- the box can be used as storage or be taken to site
- sturdy, form cut inserts
- weight 5.2 kg, excl. accessories
- length 570 mm, width 467 mm, height 130 mm.

Accessories for crimping overhead line connectors with V1300, V1311, PVL1300 and PVX1300

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*	2x16
241			13B32*	2x16

* 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.