

PVX1300



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



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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 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 comes 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	Al-conductor	C-sleeves
10-400 mm ² ***	16-400 mm ²	6-120 mm ²

PVX1300 is available in different versions;

- PVX1300, delivered in a standard bag
- PVX1300DB-ADV (two batteries) delivered in a standard bag
- PVX1300-ADV, delivered in a easier-to-handle and shock-resistant bag.
- PVX1300DB-ADV (two batteries), delivered in a easier-to-handle and shock-resistant bag.
- CASE ADVANCED only the carry case

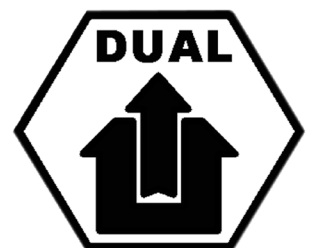


PARTICULARS

- Better protection against dirt and dust ingress through tool chassis
- Ergonomic design that optimizes the balance of the tool in the users hand
- Rotatable crimp fork
- Crimp pressure control by electronic pressure monitoring
- Single handed grip for easy operation
- LED indication of charge status
- DUAL crimp technique
- "Quick boost" for more efficient crimping
- Digital display with information about the tool and service interval
- Tested together with Elpress B-dies (Bxx, 13Bxx) and DUAL-dies (13DBxx)
- Pressure monitoring information with signal and warning light (LED) when a correct pressure/full pressure is not achieved

Elpress patented DUAL crimp technique

- The DUAL technique is to be used in demanding applications such as truck, wind turbine or train where the connectors except for electrical properties also shall fulfill demands of corrosion, mechanical strength and vibration.
- Meets the requirements of corrosion according to DIN V 40 046, part 37
- Static loads - Swedish Standard SEN 245010 provides relatively high loadlimits and is therefore useful in these applications
- Meets the requirements of vibration according to EN 50 155



* 2-year guarantee if service/calibration is performed after the first year (or max. 10,000 cycles) at one of Elpress's authorised service stations.

** Adjustable crimping operation start with optional one or two 'click' trigger for safer handling of the tool.

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

Accessories for crimping of Cu with PVX1300

Crimp dies for hexagonal crimping of Cu terminals and connectors

Supplied as a pair. All dies type **13DBxx (DUAL)** and **13Bxx** are used without die holder.

All dies type **Bxx** are used with inner die holder **V1316**, and outer die holder **V1318**.

KRF/KSF						
mm ²	DUAL Dies	No. of crimps	Dies	No. of crimps	Integrated dies	No. of crimps
10	13DB8	1	B8	1	13B8	1
16	13DB9	1	B9	1	13B9	1
25	13DB11	1	B11	1	13B11	1
35	13DB13	1	B13	1	13B13	1
50	13DB14,5	1	B14,5	1	13B14,5	1
70	13DB17	1	B17	1	13B17	1
95	13DB20	1	B20	1	13B20	1
120	13DB22	2	B22	1	13B22	2
150	13DB25	2	B25	1	13B25	2
185	13DB27	2			13B27	2
240	13DB30	2			13B30	2
300	13DB32	2			13B32	2
400					13B38	3

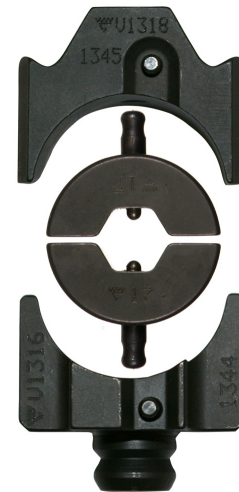


Die pair 13DB20



Integrated dies 13B38

KRD/KSD					KRT/KST			
mm ²	Dies	No. of crimps	Integrated dies	No. of crimps	Dies	No. of crimps	Integrated dies	No. of crimps
16	B8	1	13B8	1	B8,5	1	-	-
25	B9	1	13B9	1	B10	1	13B10	1
35	B11	1	13B11	1	B12	1	13B12	1
50	B12	1	13B12	1	B14	1	13B14	1
70	B14	1	13B14	1	B16	1	13B16	1
95	B16	1	13B16	1	B18	1	13B18	1
120	B19	1	13B19	1	B19	1	13B19	1
150	B22	1	13B22	2	B22	1	13B22	2
185			13B25	2	B24	1	13B24	2
240			13B27	2			13B26	2
300			13B30	2			13B30	2
400			13B32	2			13B32	2



Die holder V1318 and V1316 with B-dies

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

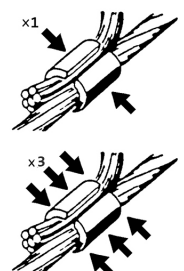
Supplied as a pair. All dies type **BCxx** are used with inner die holder **V1316**, and outer die holder **V1318**.

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

Through conductor mm ²	Branch mm ²	mm ²	Dies	No. of crimps
6-16	6-16	Total: 12-26	BC5	1
5-25	5-25	Total: 30-50	BC6	1
6-50	6-50	Total: 50-100	BC8-9	1
25-120	25-120	Total: 95-190	13BC13	3
25-185	25-185	Total: 175-240	13BC15	3



Outer die holder V1318, BC-dies, inner die holder V1316.

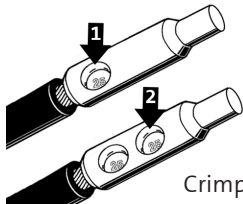


One and three crimps.

Accessories for crimping of Al with PVX1300



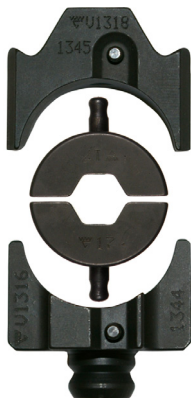
Matrix holder V1320, matrix P13M, punch P13D.



Crimp sequence



Matrix holder V1320, matrix R6MR, punch 13R6DR.



Outer die holder V1318, BNP dies, inner die holder V1316.

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.

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

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

*Used without matrix holder. **XLPE-insulated cables must be reduced down to a maximum Ø32,5 mm by shaving or stripping. Always make two crimps.

For prerounding of sector shaped Al conductors.

Use matrix holder **V1320**.

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

Crimp dies

Supplied as a pair. For hexagonal crimping of connectors for overhead conductors of AlMgSi (Super B) and Al59.

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 holder.

Supplied as a pair. For hexagonal crimping of connectors for overhead ACSR conductors. Use inner die holder **V1316** and outer die holder **V1318**.

mm ²	Dies steel connector	Dies Al-connector	No. of crimps
62	B6FE	B16NP	2x5
99	B8FE	B20NP	2x5