



PVL1300





PVL1300

- ergonomic and well balanced crimp tool with 13 tons crimp force



PVL1300 is a battery powered crimp tool with 13 tons force. Uses the same crimp accessories as the other products in the 1300-System.

PVL1300DB is supplied with 2 batteries.

PVL1300 crimps:

- Cu-conductors up to 400 mm²
- Al-conductors up to 400 mm²
- C-sleeves up to 120/120 mm²

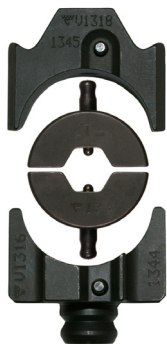
Technical data:

- ergonomic design that optimizes the balance of the tool in the users hand
- buzzing signal and flashing light if right pressure is not achieved
- LED lightning for work in dark environments
- possibility to document each crimp for unique service control
- crimp force 124 kN (13 ton)
- crimps/charge: 60-120 depending on size and temperature
- crimp time: 4-12 s depending on size
- working temperature -20°C to +40°C
- environmental friendly battery, Li-Ion Makita, 3.0 Ah, 18V
- battery charger Li-Ion Makita, charging time 22 min
- LED indication of charge status
- supplied with robust plastic case, battery, charger and instruction
- PVL1300DB, supplied with 2 batteries
- weight 5.4 kg, (incl battery)



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Accessories for crimping Cu with PVL1300



V1318 +
B type dies +
V1316.

Integrated
dies 13B38.



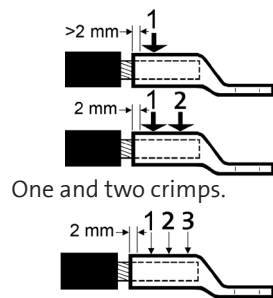
Crimp dies

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**.

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

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.



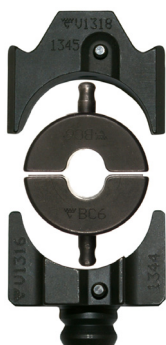
One and two crimps.

Three crimps.

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

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*	2

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



V1318 +
BC type dies
+ V1316.

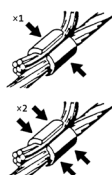
For oval crimping of Cu branch connectors (C-sleeves).

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

Main conductor mm ²	Branch mm ²	Dies	No. of crimps
10-6	10-6	BC4**	1
16-10	16-6	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

*Used without die holders.

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



One or two
crimps made



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Accessories for crimping Al with PVL1300



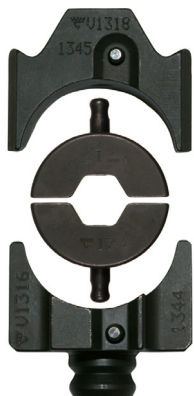
V1320 matrix holder + P13M matrix + P13D punch.



Crimp sequence.



Matrix holder V1320 + matrix R6MR + punch 13R6DR.



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

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	No. of crimps
16	16(+25)	P13M	P13D	2
25	35	P13M	P13D	2
35	50	P20M	P20D	2
50	70	P20M	P20D	2
70	95	P20M	P20D	2
95	120	P25M	P25D	2
120	150	P25M	P25D	2
150	185	P25M	P25D	2
185	240	13P32M*	P32D	2
240		13P32M*	P32D	2

*used without matrix holder.

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. **XLPE-insulated cables must be reduced down to a maximum Ø32,5 mm by shaving or stripping. Always make two crimps, see picture.

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)	6RMR	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 Al 59.

mm ²	Inner die holder	Outer die holder	Dies	No. of crimp
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	Dies Steel connector (inner)	Dies Al-conector (outer)	No. of crimps
62	B6FE	B16NP	2x5
99	B8FE	B20NP	2x5