



Patented DUAL SYSTEM for crimping flexible Cu-conductors in KRF/KSF-connectors for demanding applications, 10 - 300 mm²

Particulars:

- patented crimp technique
- for crimping of flexible Cu terminals according to IEC60228, type class 5
- crimps terminals type KRF and through connectors type KSF
- for extra tough environments like cars and train, where the connections beside normal electrical properties also must meet demands related to corrosion, mechanical strength and vibration
- meet the requirements in IEC/EN 61238:1
- meet the requirements of corrosion according to DIN V 40 046, part 37
- meet the requirements for vibration according to EN 50 155
- meet the requirements of mechanical strength according to SEN 24 50 10



Crimp sequence

The crimp starts with an optimized hexagonal crimp and then makes a small indent in the same crimp cycle to further improve gas tightness as well as electrical and mechanical properties.

PVL1300DUAL

PVL1300DUAL-US, supplied with a 115 VAC charger

PVL1300DUAL



Crimp types



Battery powered crimp tool for crimping of type KRF/KSF 10-300 mm² in demanding applications.

Particulars:

- 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
- for service and installation use
- supplied with robust plastic case, battery, charger and instruction
- PVL1300DB, supplied with 2 batteries
- weight 5.4 kg, (incl battery)
- dimensions 412 x 319 x 75

Accessories:

- PVBP-LI-ION 3Ah, 18 V Li-Ion, extra battery



DV1300

Crimp head for crimping of Cu terminals type KRF/KSF 10 - 300 mm². Used with footpump P4000 or battery / mains powered pump PS710.



DV1300



Crimp geometries



DUAL+regular crimps

Particulars:

- crimp head with the patented DUAL CRIMP technique which starts with an optimized hexagonal crimp and then makes a small indent in the same crimp cycle to further improve gas tightness as well as electrical and mechanical properties
- DUAL dies are available for 10 - 300 mm²
- crimps terminals type KRF and through connectors type KSF
- conventional accessories as shown for V1300 can be used (without DUAL-function)
- DV1300 can also be used with regular crimp dies for the 1300-system
- no die holders are necessary when using DUAL dies
- weight 3.4 kg
- dimensions Ø 74 mm x 265 mm

DV1300C

C-fork type crimp head, open to one side, for crimping of Cu terminals type KRF/KSF 10 - 300 mm². Used with footpump P4000 or battery / mains powered pump PS710.

DV1300C



Crimp geometries

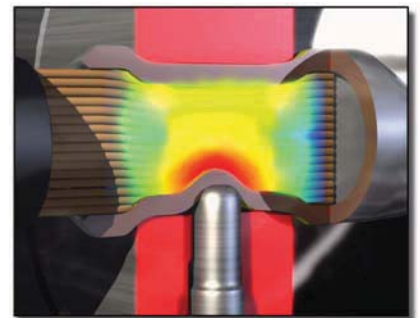
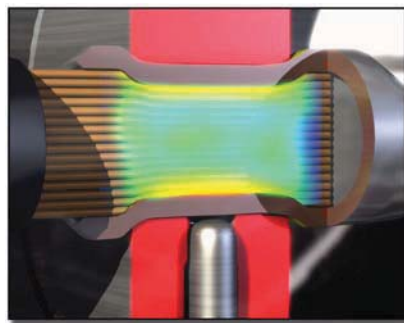
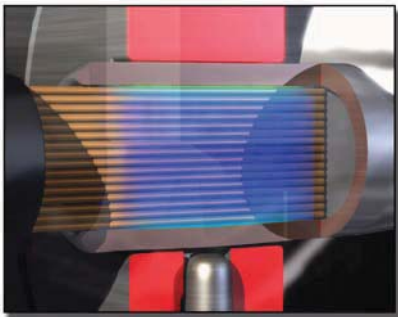


DUAL + regular crimps

Particulars:

- Crimp head with the patented DUAL CRIMP technique which starts with an optimized hexagonal crimp and then makes a small indent in the same crimp cycle to further improve gas tightness as well as electrical and mechanical properties
- DUAL dies are available for 10 - 300 mm²
- crimps terminals type KRF and through connectors type KSF
- conventional dies as for V1300C can be used (without DUAL-function)
- DV1300C can also be used with regular crimp dies for the 1300C-system no die holders are necessary when using DUAL-dies
- weight 4.9 kg
- dimensions 285 mm x 140 mm

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

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 and PVL1300DUAL	Dies for DV1300C	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