

Crimping with Dual System

DUAL system

This system has been developed to meet the hard combine requirements from manufacturers with tough applications with the best result.

The DUAL technology combines the desired properties from an optimal hexagonal crimp with those of a limited indent crimp. This results in tight contact surfaces without damage to the conductor strands.



The patented Elpress Dual system

We call this technology, which is patented, the Elpress DUAL System where the name points at split crimp sequence that starts with a hexagonal crimp and, without separation of the dies, is finished by an additional indent crimp.

Tools for DUAL crimping

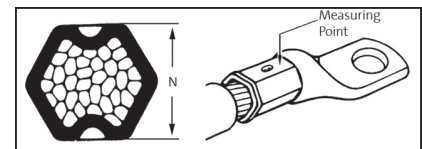
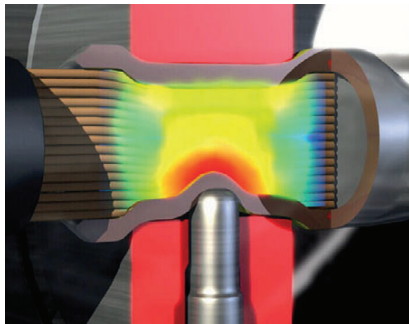
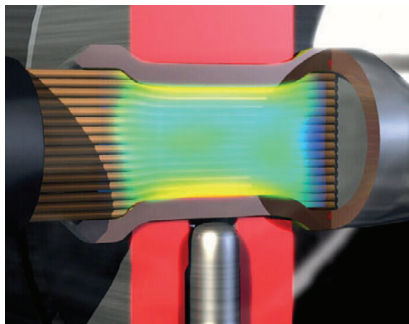
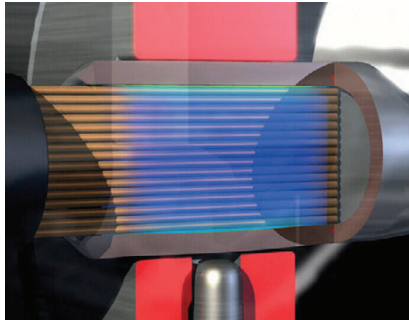
The DUAL crimp is performed by crimp tools PVX1300, PVX1300C2, crimp heads DV1300, DV1300C2 or DV250 using the crimp dies DBxx available from 10 to 400 mm². The crimp heads are powered by the normal Elpress hydraulic pumps P4000 (foot pump), PS710 (mains and battery operated hydraulic pump) or P1000 (mains powered pump).

Check measures

An effective way to check correct crimps during work is to perform measurements of achieved crimp heights, N-measures in the following table, regularly or as first and last piece inspection.

N measures

Area mm ²	Die (for DV1300 & PVX1300)	Die (for DV1300C2 & PVX1300C2)	Die (for DV250)	N-measure mm
10	13DB8	13DCB8		6,7
16	13DB9	13DCB9		7,5
25	13DB11	13DCB11		9,0
35	13DB13	13DCB13		10,6
50	13DB14,5	13DCB14,5		11,8
70	13DB17	13DCB17		13,6
95	13DB20	13DCB20		16,0
120	13DB22	13DCB22	DB2522	17,7
150	13DB25	13DCB25	DB2525	20,3
185	13DB27	13DCB27	DB2527	21,7
240	13DB30	13DCB30	DB2530	23,9
300	13DB32	13DCB32	DB2532	25,7
400			DB2538	30,5



Cross section of DUAL crimp

