

Mechanical hand tools

High quality, crimp performance and ergonomics are prime considerations of Elpress when developing mechanical crimp tools. Except for the hobby tools, all Elpress crimp tools have a full closure, ratchet mechanism to ensure correct crimps at all instances - a prerequisite for professional and quality assured work.

With the unique **Miniforce** range of crimp tools, a new level of performance was established when speaking of ergonomic adaptation to the user and of low handle forces needed. A reduction of required force up to 45% is reached as a result of advanced ergonomic studies where minimised risk for work discomfort or even injuries was the main objective.

Miniforce type C has extra long handles for an easy two-hand grip which in most cases represents a simple and natural way of lowering work loads.

Elpress tools and terminals/connectors together form a Crimp System where the crimp results are supervised to meet requirements of established standards like SEN 245010, DIN46249 and other.

Many of the most common tools have symmetrical crimp die nests to enable crimps from both tool sides - a feature certainly appreciated by left-handed users.

All Miniforce type E- and D-tools are produced from high grade Swedish steel with black finish surface and comprehensive laser markings.



The ergonomic Elpress Miniforce tool.

Certification of crimp tools

Elpress has introduced a unique certification of all crimp tools of E- (Miniforce) and D-type.

What is certified?

The certification of Elpress crimp tools comprises individual documentation from final assembly and inspection regarding:

- **handle pre-load**, which is the force needed to release the crimp completion ratchet
- **crimp die nest heights**, which means each of the greatest nest heights to be measured with completely closed dies.

Why certification?

The certificate that accompanies the tool has several functions:

- New crimp tools are often immediately introduced into a QA system. The tool status before use is then of course to be the first log entry. Later periodic inspection recordings may then form base for detection of changes or wear and of possibly necessary corrective actions.
- The certificate shows that each individual tool meets the design specifications before supply.
- The certificate indicates the most important tool properties to be followed up.

CERTIFIKAT CERTIFICATE			
<p>Detta certifikat anger de viktigaste måtningarna för den aktuella verktygens prestanda, mått och handkraftsbelastning. Dessa mått blir fortfarande kontrollerade under verktygens användning.</p>		<p>This certificate states the important initial values for the crimp tool heights and the handle pre-load of this tool. These values should be currently checked during the use of the tool.</p>	
Verktyg typ serietyp	ESA 0760 E-845628	Stad typ serietyp	
	Mått / Measured	Tillåtet / Accepted	
Handkraftsbelastning	195 N	170 - 230 N	Handkraft per hand
Prestanda mått, crimp	2.31 mm	2.20 - 2.40 mm	Med, crimp nest height
Mått	2.72 mm	2.65 - 2.85 mm	Blue
guld	3.41 mm	3.35 - 3.55 mm	Yellow
<p>SPECIFIKATIONER OCH MÅTNING</p> <p>1. Fjäderkraften min 400 mm från handkrafts- stället. Måttverksamheten kalibreras löpande spårat mot internationell standard, certifikat nr 56-789.</p> <p>2. Prestanda mått min 1 mm i det föregående utgått. Måttverksamheten kalibreras löpande spårat till internationell standard, certifikat nr 3089636A.</p>		<p>SPECIFICATIONS AND MEASURING</p> <p>1. The handle pre-loads are measured 400 mm from handle end. The measuring equipment is regularly calibrated against an internationally traceable standard, certificate no. 56-789.</p> <p>2. The crimp nest height is measured in the middle of the pre-loaded nest. The measuring equipment is regularly calibrated against an internationally traceable standard, certificate no. 3089636A.</p>	
Datum / date	30 April, 2001		
Signatur / signature	Derek Swenson		
Elpress AB P.O. Box 106 SE-211 14 Västerås Sweden	Tel +46-02042 71 70 Fax +46-02042 71 71 E-mail miniforce@elpress.se Webb www.elpress.se		

Elpress certificate.

Hobby tools for crimping terminals 0.5 - 6 mm² and for cutting and stripping

Technical data:

- manufactured from high-class steel and with semi-soft handles
- die nests are distinctly marked
- no full closure ratchet
- cuts up to 6 mm²
- strips up to 6 mm²
- bolt-cutter M2,5 - M5
- weight 0,20 kg, length 225 mm

Crimp range 0.5 - 6 mm²

T50

Elpress hobby tool.

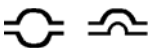
Particulars:

- crimps pre-insulated terminals 0,5 - 6 mm² and indent crimps un-insulated, closed barrel terminals 1,5 - 6 mm²
- red, semi-soft handles for optimal comfort
- stripping and bolt cutting functions

T50



Crimp types



T51

Elpress hobby tool.

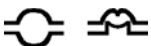
Particulars:

- crimps pre-insulated terminals 0.5 - 6 mm², and roll crimps open barrel un-insulated terminals 0.5 - 2.5 mm²
- yellow, semi-soft handles for optimal comfort
- stripping and bolt cutting functions

T51



Crimp types



T52

Elpress hobby tool.

Particulars:

- roll crimps un-insulated, open barrel, un-insulated terminals 0.5 - 6 mm²
- green, semi-soft handles for optimal comfort
- stripping and bolt cutting functions

T52



Crimp type



Certified crimp tools for pre-insulated terminals 0.14 - 2.5 mm²

Technical data:

- die nests are distinctly laser marked
- adjustable if changes occur, ie after many crimps
- tested with Elpress terminals
- ratchet system which guarantees a fully closed crimp
- emergency release if the crimp sequence must be interrupted
- weight 0,35 kg, length 192 mm, width 66 mm
- unique design makes the tools compact and handy
- requires minimum of muscle force for a perfect crimp
- designed to fit both right- and left-handed users
- at least 50,000 crimps

Crimp range 0.14 - 1.5 mm²

DSA0115

Elpress crimp tool for symmetrical crimping of pre-insulated terminals.

DSA0115



Crimp type



DSA0725



Crimp type



Crimp range 0.5 - 2.5 mm²

DSA0725

Elpress crimp tool for symmetrical crimping of pre-insulated terminals.

Particulars:

- die nest wear inspection easily made with go/no-go gauge ESAQ 0760

ESAQ 0760 - die nest gauge

Elpress go/no-go gauge for inspection of die nests in the following crimp tools: DSA0115, DSA0725, ESAQ0760(C) and ESEA0340C.

Particulars:

- weight 0,025 kg, length 55 mm
- grip Ø 8 mm
- supplied in practical plastic box
- a simple way to secure proper tool performance
- easy to use, with a GO-position and a NO GO-position for each die nest of the crimp tool.

Please contact Elpress for more information on tool calibration and QA.



Tool	Checks die nest		
DSA0115			
DSA0725			
ESAQ0760(C)			
ESEA0340C			

Certified Miniforce tools for pre-insulated terminals 0.5 - 6 mm² and end terminals 0.25 - 4 mm²

Technical data:

- ratchet system to guarantee a fully closed crimp
- release mechanism if the crimping sequence must be interrupted
- symmetrical and distinctly laser marked die nests
- adjustable if changes occur, ie after many crimps
- tested with Elpress terminals
- weight 0,50 kg (0,54 kg, type C), length 220 mm (255 mm, type C), width 72 mm
- unique mechanism which reduces the handle force significantly
- ergonomically designed handles to fit all users
- optimises the quality of the crimp result
- reduces the risk for repetitive strain injuries (RSI)
- light and handy design without reduction in durability
- type C has extra long handles for two hand grip
- at least 80 000 crimps

Crimp range 0.25 - 4 mm²

ESEA0340C

Miniforce **combination crimp tool** for crimping of both;

- pre-insulated terminals 0,5 - 2,5 mm² and
- pre-insulated and un-insulated end terminals 0,25 - 4 mm²

ESEA0340C



Crimp types



Crimp range 0.5 - 6 mm²

ESW0560C

Miniforce crimp tool for through connectors with heat shrink insulation type SKW (page 1.6, chapter 1).

ESW0560C



Crimp type



ESA0760 and ESA0760C

Elpress Miniforce crimp tools for symmetrical crimping of pre-insulated terminals 0,5 - 6 mm².

Particulars:

- **locator** to hold the terminal in the right position when crimping which simplifies the installation
- die calibration is easily performed with the gauge ESAQ 0760
- Die nests leave imprints on terminal insulation sleeve after crimp to show nest size and Elpress logotype for system identification

ESA0760



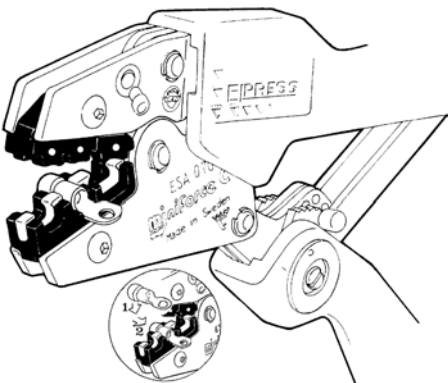
ESA0760C



Crimp type



ESA0760 locator



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Follow the sequence (1) and (2) when placing the terminals into the locator.

Certified tools for un-insulated terminals 0.15 - 6 mm²

Technical data:

- die nests are distinctly marked
- adjustable if changes occur, ie after many crimps
- tested with Elpress terminals
- ratchet system to guarantee fully closed crimps
- emergency release if the crimping sequence must be interrupted
- weight 0,35 kg, length 192 mm, width 66 mm (type D tool)
- unique design makes the tools compact and handy
- requires minimum of muscle strength for a perfect crimp
- at least 50.000 crimps

Crimp range 0.5 - 1.5 mm²

TRB0515B

Tool for roll crimping of flag terminal B1507FLSB8.

- certificate not included
- weight 0,63 kg, length 260 mm

TRB0515B



Crimp type



Crimp range 0.15 - 1.5 mm²

DRB0115

Elpress crimp tool for roll crimping of un-insulated receptacles, tab terminals, bullets and sockets. For crimping of B1507FLS or B1507FLSH ERB0560/ ERB0560C should be used.

DRB0115



Crimp type



Crimp range 0.25 - 2.5 mm²

DKB0325

Elpress crimp tool for indent crimping of Cu tube and sheet terminals.

DKB0325



Crimp type



Crimp range 0.75 - 6 mm²

DKB0760

Elpress crimp tool for indent crimping of Cu tube and sheet terminals.

DKB0760



Crimp type



Certified Miniforce tools for un-insulated terminals 0.5 - 10 mm²

Technical data:

- ratchet system to guarantee a fully closed crimp
- release mechanism if the crimping sequence must be interrupted
- distinctly marked die nests
- adjustable if changes occur, ie after many crimps
- tested with Elpress terminals
- weight 0,50 kg (0,54 kg, type C), length 220 mm (255 mm, type C), width 72 mm
- unique mechanism reduces the max. handle force significantly
- ergonomically designed handles to fit all users
- optimises the crimp quality
- reduces the risk for repetitive strain injuries (RSI)
- light and handy design without reduction in durability
- type C has extra long handles for comfortable two-hand grip
- at least 80.000 crimps

Crimp range 0.5 - 6 mm²

ERB0560L and ERB0560LC

Elpress Miniforce crimp tools for roll crimping of un-insulated terminals.

Type L crimp tools are supplied with **three exchangeable locators** for receptacle terminals (see table).

Type LC has **locators** and long handles.

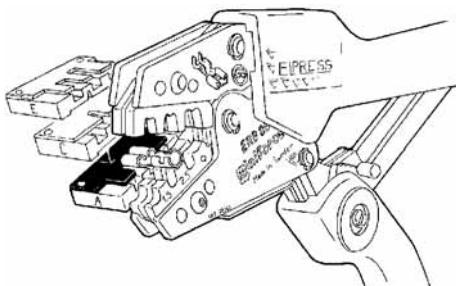
Particulars:

- supplied in a practical and rigid plastic box
- the L and LC type tool has locators - your "third hand" - to hold the terminals in the right crimp position, which simplifies quality performance considerably

ERB0560L



Crimp type



ERB0560-locator.

Locator		Marking
A	1.	B1507FLS
	2.	B2507FLS
	3.	B2507FLSN B4607FLSN F4607FLS
C	1.	B1507H
	2.	B2507HN
	3.	B4607HN
E	1.	B1505FLS (5 or 8)
	2.	B2505FLS (5 or 8)

ERB0560 and ERB0560C

Elpress Miniforce crimp tool for roll crimping of un-insulated terminals. Equals the above L and LC tools but do not have locators or carry box.

ERB0560C



Crimp type



Crimp range 4 - 10 mm²

EWB4099 and EWB4099C

Miniforce crimp tools for W-indent crimping of un-insulated, **closed barrel** ring, fork, pin and tube terminals and connectors as well as tube terminals and through connectors type KR and KS. Type C with long handles.

EWB4099C



Crimp type



Certified crimp tools for end terminals (ferrules) 0.25 - 16 mm²

Technical data (type DEB):

- distinctly marked die nests
- ratchet system to guarantee a fully closed crimp
- emergency release if the crimping sequence must be interrupted
- adjustable if changes occur, ie after many crimps
- tested according to DIN requirements
- weight 0,35 kg, length 192 mm, width 66 mm
- unique design makes the tools compact and handy
- requires a minimum of muscle force for a perfect crimp
- fits all users
- at least 50.000 crimps

Crimp range 0.25 - 2.5 mm²

DEB0325

Crimp tool for crimping of pre-insulated and un-insulated end terminals, front feed.

DEB0325



Crimp type



Crimp range 0.5 - 6 mm²

DEB0560

Crimp tool for crimping of pre-insulated and un-insulated end terminals.

DEB0560



Crimp type



Crimp range 0.25 - 16 mm²

T2104



Crimp type



T2104

Crimp tool for pre-insulated and un-insulated end terminals 0,25 - 2,5 mm². This crimp tool does not have a full closure ratchet mechanism. Certificate is not included.

Particulars:

- weight 0,16 kg
- length 150 mm

TEB0516



Crimp type



TEB0516

Crimp tool for crimping of pre-insulated and un-insulated end terminals 0,5 - 16 mm². This crimp tool does not have a full closure ratchet mechanism. Certificate is not included.

Particulars:

- weight 0,25 kg
- length 185 mm

Certified Miniforce tools for end terminals (ferrules) 0.1 - 6 mm² and TWIN end terminals 2 x 0.5 - 2 x 10 mm²

Technical data:

- ratchet system to guarantee a fully closed crimp
- release mechanism if the crimping sequence must be interrupted
- distinctly marked die nests
- adjustable if changes occur, ie after many crimps
- tested with Elpress terminals according to DIN requirements
- weight 0,50 kg (0,54 kg, type C), length 220 mm (255 mm, type C), width 72 mm
- unique mechanism reduces the max handle force significantly
- ergonomically designed handles to fit all users
- optimises the crimp quality
- reduces the risk for repetitive strain injuries (RSI)
- light and handy design without reduction in durability
- type C has extra long handles for comfortable two-hand grip
- at least 80.000 crimps

Self setting crimp range 0.1 - 6 mm²

EEB0160

Miniforce **self-setting** tool for crimping pre-insulated and un-insulated end terminals 0.1 - 6 mm² and pre-insulated TWIN end terminals 2x0.5 - 2x4 mm².

Particulars:

- only one crimp nest, which automatically sets to the appropriate size for the end terminal crimped
- front feed
- accepts crimp lengths up to 20 mm

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EEB0160



Crimp type



Self setting crimp range 0,5 - 6 mm²

PZD3

Self-setting tool for crimping pre-insulated and un-insulated end terminals 0.5 - 6 mm² and pre-insulated TWIN end terminals 2x0.5 - 2x4 mm².

Particulars:

- only one crimp nest which automatically sets to the appropriate size for the end terminal crimped; leaves a crimp surface with shallow transversal grooves
- front feed
- crimp lengths up to 17 mm
- weight 0.34 kg

PZD3



Crimp type



Crimp range 4 - 10 mm²

EEB4010C-TWIN

Miniforce tool for crimping of pre-insulated TWIN end terminals.

EEB4010C-TWIN



Crimp type



Certified Miniforce tools for end terminals 4 - 50 mm²

Technical data:

- ratchet system to guarantee a fully closed crimp
- release mechanism if the crimping sequence must be interrupted
- distinctly marked die nests
- adjustable if changes occur, ie after many crimps
- tested with Elpress terminals according to DIN requirements
- weight 0,50 kg (0,54 kg, type C), length 220 mm (255 mm, type C), width 72 mm
- unique mechanism reduces the max handle force significantly
- ergonomically designed handles to fit all users
- optimises the crimp quality
- reduces the risk for repetitive strain injuries (RSI)
- light and handy design without reduction in durability
- type C has extra long handles for comfortable two-hand grip
- at least 80.000 crimps

Crimp range 4 - 10 mm²

EEB4010 and EEB4010C

Miniforce crimp tool for crimping pre-insulated and un-insulated end terminals.

EEB4010C

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Crimp type



Crimp range 6 - 16 mm²

EEB0616C

Miniforce crimp tool for crimping pre-insulated and un-insulated end terminals.

EEB0616C



Crimp type



Crimp range 10 - 25 mm²

EEB1025 and EEB 1025C

Miniforce crimp tool for crimping pre-insulated and un-insulated end terminals.

EEB1025



Crimp type



Crimp range 35 - 50 mm²

EEB3550 and EEB3550C

Miniforce crimp tool for crimping pre-insulated and un-insulated end terminals.

EEB3550



Crimp type



Elpress Mobile - a tool with interchangeable dies



Professional crimp tool with interchangeable dies for installation and DataCom.

Technical data:

- a reliable, safe, economical and comfortable tool
- parallel-action stroke with a maximum force of 10 000 N, tested for 20000 crimps
- easily interchangeable crimp dies with one handgrip
- the dies are kept together as pairs with a special rod to simplify handling
- a wide range of crimping dies enables the user to cover 19 applications in just one tool frame
- light and practical – weight 460 g, length 234 mm, height 64 mm, width 24 mm

You purchase Elpress Mobile in two basic versions:

Mobile Installation

Mobile hand tool and two interchangeable dies:

- die OAA0525 for crimping of insulated terminals 0.5 - 2.5 mm²
- die OEB0210 for crimping of end sleeves 0.25 - 10 mm²

Mobile DataCom

Mobile hand tool and two interchangeable dies:

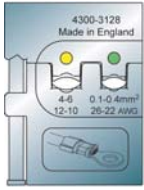
- die OMP45 for crimping of modular plug, RJ45 contacts
- die OCC1113 for crimping of coaxial contacts RG58, 59, 62, 71

Additional dies to Elpress Mobile are presented in the table on the following page.

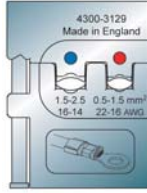


You complete your kit with these dies

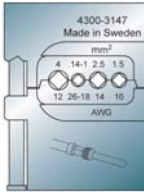
Additional dies to Elpress Mobile. All dies have the same easy and fast fastening in the frame. The dies are kept together as pairs and delivered in a plastic cassette which can be put together with other cassettes.



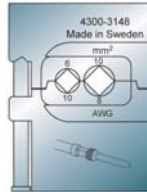
OAA0160
For crimping of pre-insulated terminals
0.1 - 6 mm².



OAA0525
For crimping of pre-insulated terminals
0.5 - 2.5 mm².



OPB0140
For crimping of global power connectors, GPC.



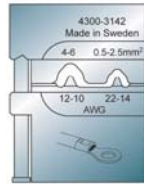
OPB6099
For crimping of global power connectors, GPC.



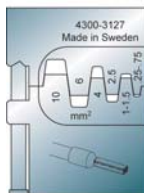
OWB4099
For W-crimping of un-insulated terminals
4 - 10 mm².



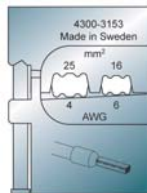
OKB0725
For indent crimping of un-insulated terminals
0.75 - 2.5 mm².



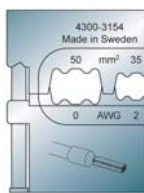
OKB0560
For indent crimping of un-insulated terminals
0.5 - 6 mm².



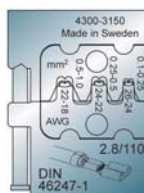
OEB0210
For crimping of end terminals
0.25 - 10 mm².



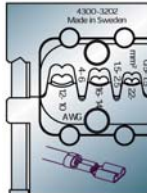
OEB1625
For crimping of end terminals
16 - 25 mm².



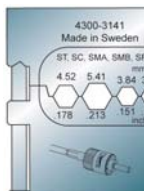
OEB3550
For crimping of end terminals
35 - 50 mm².



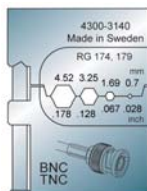
ORB0110
For roll crimping of terminals
0.1 - 1.0 mm².



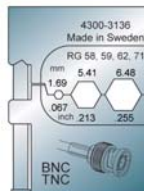
ORB0560
For roll crimping of terminals
0.5 - 6 mm².



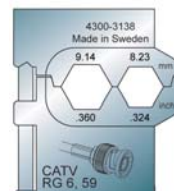
OFO5432
For crimping of fiber optics connections.



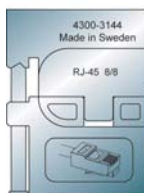
OCC0908
For crimping of coaxial contacts.



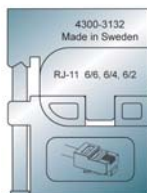
OCC1113
For crimping of coaxial contacts.



OCC4755
For crimping of coaxial contacts.



OMP45
For crimping of modular-plug RJ45.



OMP11
For crimping of modular-plug RJ11.

Battery powered crimp tool

Technical data:

- NiCd battery power (9.6 V and 1.3 Ah), recharge time approx. 40 minutes
- advanced ergonomics for excellent access in confined areas
- fast crimping 2-4 seconds
- approx. 150 crimps per charge
- crimp ranges see table below
- supplied in a plastic case with battery charger and one battery
- weight 1.5 kg, length 360 mm

PV130P - Elpress Mini

Battery powered tool for **parallel action crimping** of pre-insulated terminals up to 6 mm², un-insulated terminals up to 10 mm² and end terminals up to 50 mm².

Particulars:

- weight 1.3 kg, length 360 mm

PV130S - Elpress Mini

Battery powered tool for pliers-like **pivoted action crimping** of pre-insulated terminals up to 6 mm², un-insulated terminals up to 10 mm² and end terminals up to 50 mm².

Particulars:

- weight 1.5 kg, length 360 mm



PV130P, PV130S - Elpress Mini.

	PV130P	PV130S
Application/Crimping range	Die	Die
Pre-insulated 0,5-6 mm ²	SA0760	SA0760
Un-insulated, indent crimp 0,25-2,5 mm ²	KB0325	KB0325
Un-insulated, W crimp 0,75-6 mm ²	WB4099	WB4099
Un-insulated, roll-crimp 0,5-6 mm ²	RB0560	RB0560
End terminals (ferrules) 0,5-6 mm ² 4-10 mm ² 10-25 mm ² 35-50 mm ²	EB0560 EB4010 EB1025 EB3550	EB0560 EB4010 EB1025 EB3550

Remember to specify dies when you order a tool.



Tools for Cu-terminals 4 - 120 mm²

Crimp range 4 - 25 mm²

T2258 and T2288

T2258/T2288



Crimp types



Elpress crimp tool for crimping of Cu-terminals and connectors:
T2258: KR/KRF/KS/KSF, 4-16 mm² and KR/KRD/KSD, 4-25 mm²
T2288: KR/KRT/KS/KST, 10-25 mm²

Note that the earlier tool T2287 is now integrated into T2258, which therefore may be used also for KRD/KSD types.

Particulars:

- equipped with full closure ratchet mechanism
- weight 0,60 kg, length 300 mm

Crimp range 10 - 70/95 mm²

T3165A1/T3165B/T3165C

T3165A1/T3165B/T3165C



Crimp type



Elpress crimp tool for crimping of Cu terminals and connectors:
T3165A1: KR/KRF/KS/KSF, 10-70 mm².
T3165B: KR/KRD/KS/KSD, 10-95 mm².
T3165C: KRT/KST, 10-95 mm².

Particulars:

- equipped with full closure mechanism
- crimp wheel of rolled steel which gives high durability
- weight 3,0 kg, length 500 mm
- crimp force up to approximately 35 kN

Crimp range 6 - 50 mm²

TH0650T

TH0650T



Crimp type

Mechanical handtool for crimping of Cu-terminals type KRT/KST up to 50 mm².

Particulars:

- rotating crimp wheel
- weight 1,5 kg, length 400 mm
- no full closure mechanism

Crimp range 10 - 120 mm²

TH10120T

TH120T



Crimp type

Mechanical handtool for crimping of Cu-terminals type KRT/KST up to 120 mm².

Particulars:

- rotating crimp wheel
- weight 3,7 kg, length 650 mm
- no full closure mechanism



Battery powered crimp tool for Cu terminals and connectors 10 - 95 mm²

Crimp range 10 - 95 mm²

PV350 - Elpress Mini

PV350

Battery powered crimp tool for crimping of Cu terminals and connectors up to 95 mm². Separate, special dies to be used in accordance with table below.



Particulars:

- hexagonal crimping up to 120 mm²
- easy-to-open crimp head for rapid die change
- slim ergonomic design - good accessibility even in confined areas
- NiCd batteries (9.6 V, 1,3 Ah), charge time approx. 40 minutes
- rapid crimp operation 2-4 seconds
- approx. 100 - 150 crimps per battery charge (depending on temperature, frequency, etc.)
- weight 1.6 kg, length 360 mm
- dies for crimping special through connectors for service and road lightning cables, System 0616

9

Crimp type



Crimp dies for PV350

Supplied in pairs.

For hexagonal crimping of copper terminals and connectors



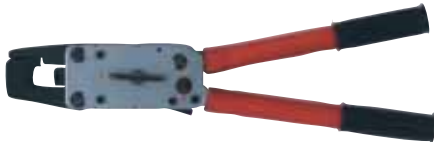
Die pairs ME0616 and MB 11 for PV350.

mm ²	For KR/KRF KS/KSF		For KR/KRD KS/KSD		For KRT/KST	
	Die No.	No. of crimps	Die No.	No. of crimps	Die No.	No. of crimps
10; (KR/KS types)	MB8	1	MB8	1	MB7	1
16	MB9	1	MB8	1	MB8.5	1
25	MB11	2	MB9	1	MB10	2
35	MB13	2	MB11	2	MB12	2
50	MB14,5	2	MB12	2	MB14	3
70	MB17	3	MB14	3	MB16	3
95			MB17	3		
	System 0616					
6 - 16	ME0616	1				



Tools for Cu-terminals 10 - 240 mm², Al-terminals 16- 25 mm² (-35 solid) mm² and C-sleeves 6 - 50 mm²

T2600/T2600B/T2600C



Crimp types



T2600/T2600B/T2600C

Mechanical handtool for crimping of Cu- and Al-terminals: T2600 for KRF/KSF, T2600B for KRD/KSD, T2600C for KRT/KST.

Particulars:

- rapid opening enables easy die change and quick removal after jointing
- crimp die (TB7) is available for solid 10 mm² Cu-connector, (for EXCL-type cable or similar)
- crimp force up to 57 kN
- supplied in a metal box
- rapid die closure and minimum handle force
- easy to operate in confined spaces
- only four dies are required to crimp 10 - 120 mm² Cu (KRD/KRT)
- rapid feed function
- weight 1,9 kg, length 440 mm, width 140 mm

V611



Crimp types



V611

Hydraulic tool for crimping of Cu terminals and connectors up to 240 mm², using the same dies as T2600 and PV611.

Particulars:

- two-step, fast feed piston movement to crimp engagement which makes the crimp cycle shorter
- the crimp range reaches up to 150 mm² (KRF), 185 mm² (KRD), 240 mm² (KRT) and 50+50+ mm² (C-sleeves)
- same crimp dies as for PV611, i.e. TB- and KB-types
- weight 2,5 kg, dimensions 425 x 115 x 53 mm
- crimp force 60 kN
- supplied in a robust textile bag with foam rubber insert

PV611



Crimp types



PV611

Battery tool with large crimp range, up to 240 mm², using same dies as T2600 and V611.

Particulars:

- crimps Cu-terminals up to KRF 150 mm², KRD 185 mm², KRT 240 mm² and C-sleeves up to 50/50 mm²
- supplied in robust metal box, battery with charger and instructions
- number of crimps is normally > 100 depending on size and temperature
- crimp time 5 - 8 s depending on size
- battery type NiMH 12 V, 2.6 Ah
- LED to indicate tool and charge status
- weight 4.5 incl. battery



Accessories for tool types T2600, V611 and PV611

- 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.

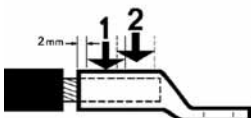
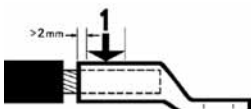
Note: KB dies are for V611 and PV611 only.



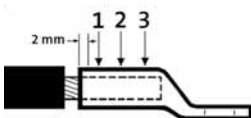
TB dies.



KB dies.



Two crimps.



Three crimps.

KRF/KSF		
mm ²	Dies	No. of crimps
10 and 70	TB8-17	1 resp.2
16 and 35	TB9-13	1
25 and 50	TB11-14,5	1
10 and 95	TB ¹ -20	1 resp.2
120	KB22	3
150	KB25	3

KRD/KSD		
mm ²	Dies	No. of crimps
10 ² /16 and 70	TB8-14	1
25 and 50	TB9-12	1
35 and 95	TB11-16	1 resp.2
10 ¹ and 120	TB7 ¹ -19	1 resp.2
150	KB22	3
185	KB25	3

¹ TB7 special for crimping KRX-terminals and KSX-connectors

² For terminals type KR10 and connectors type KS10

KRT/KST		
mm ²	Dies	No. of crimps
10 ¹ and 120	TB7-19	1 resp.2
10 ² and 95	TB8-18	1 resp.2
16 and 95	TB8,5-18	1 resp.2
25 and 70	TB10-16	1 resp.2
35 and 50	TB12-14	1
150	KB22	3
185	KB24	3
240	KB26	3

¹ TB7 is also for crimping KRX-terminals and KSX-connectors

² For terminals type KR10 and connectors type KS10

DIN 46235		
mm ²	Dies	No. of crimps
10-16	TB6-8DIN	1
25-35	TB10-12DIN	1
50-70	TB14-16DIN	1 resp.2
95	TB18DIN	1 resp.2



TBNP dies.

For **overhead line connectors** for alloy Al conductors, hexagonal crimping.

mm ²	Dies	No. of crimps
31-99	TBNP16-20	Die side 16: 2x5 Die side 20: 2x10

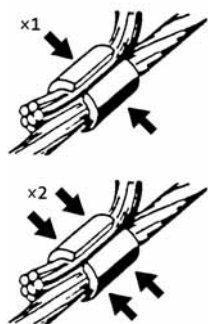


TBC dies.

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

Dies	Main conductor mm ²	Branch mm ²	Crimp in die nest	No. of crimps
TBC4-C8-9	10-6	10-6	TBC4*	1
	50-16	50-16	TBC8-9	2
TBC5-C6	16-10	16-6	TBC5	1
	25-16	25-16	TBC6	1

* Die nest marked C4A to be used for 6 mm² main to 6 mm² branch.



One resp. two crimps.

Punch and matrix

For Al terminals and connectors, indent crimping.

Stranded mm ²	Solid mm ²	Matrix holder	Matrix	Punch
16-25	16-35	TV2620	TP13M	TP13D



Matrix holder TV2620, matrix TP13M and punch TP13D.



Always crimp twice on Al.