

Fairmont[®]

Battery Crimping Tool
EK425

UTILITY PRODUCTS



Fairmont®

EK425 **Crimping Tool**

Double Die
head provides different
types of crimps with the
same head.

With 5 tons of crimping force, the EK425 will crimp all the same connections as Burndy MD-6 or Kearney O-66 style tools, but it does it all with battery power rather than muscle power. And, it helps to reduce injuries resulting from repetitive motion and frequent muscle strain.

The EK425 is about 2 pounds lighter and several inches shorter than MD6-style tools so it is much easier to carry up ladders and use in aerial buckets. Since there are no handles to open, it requires much less space in underground situations. The EK425 is operated with one hand – leaving the other hand free to position the cable and connector. The crimping jaws open wide to fit easily over connectors. To help prepare for a crimp, the jaws can be jogged closed until they just grip the connector, allowing the operator to position the cable in the connector before finishing the crimp.

The EK425 will complete about 180 crimps per battery charge on 4/0 splices. When a crimp is fully completed, the EK425 signals the operator by automatically opening the jaws. It is then ready to make the next crimp. And, when the crimping jaws need to be opened before a crimp is complete, the operator can simply push a button on the back side of the tool.

Larger Battery
enables you to crimp 180
cycles before recharging.



Changing the World of Battery Crimping Tools

***The EK425 changed the world of crimping 2 years ago.
Now Fairmont does it again. The EK425 is now available
with new features and new accessories.***

The New Features Include:

- Crimping jaws that have two die grooves - either D₃ with O or D₃ with BG. These new crimping jaws have the same die grooves as the most popular MD6 style tools.
- New 3.0 Ah NiMH batteries that provide over twice as many crimps (up to 180) per charge.

The New Accessories are:

- CJB cutter jaw which cuts one-time disposable locks with hasps up to 4 AWG Alumoweld.
- CJXPJ crimping jaw crimp connectors that require either the X, P, or J Nicopress profile.

New Double Die Head

The CJD3BG jaws crimp all 5/8" service entrance sleeves without additional dies.

The CJD30 jaws crimp many "H" tap connectors without the need for additional dies.



CJD3BG

Lightest, Easiest to Use & Most Flexible on the

FEATURES

- Slim profile and light weight permit one hand operation
- Crimping jaws automatically open to signal that crimp is complete
- Crimping jaws can be opened in mid cycle to adjust connector
- When equipped with CJD3BG or CJD30 crimping jaws, can be used with all industry "W" style crimping dies.
- When equipped with CJK crimping jaws, can be used with dies for Kearney™ Type "O" tools.
- Available CJXPJ jaws crimp Nicopress type sleeves
- Available CJB jaws cut ontime disposable lock hasps
- CJD3BG and CJD30 crimping jaws have thermoplastic rubber covers on outside edges
- Carrying strap makes tool easy to carry and hang in buckets
- Interchangeable crimping jaws rotate 360 degrees
- Two batteries, battery charger, and convenient bucket pouch included
- Choice of 120 volt, 12 volt, or 230 volt battery charger
- Cuts up to 4/0 ACSR cable when equipped with KD6-27 cutter dies

SPECIFICATIONS

- | | |
|-----------------------|--------------------|
| • Crimping Force | 5 tons (44kN) |
| • Length | 18" (465 mm) |
| • Width (head open) | 4" (108 mm) |
| • Weight | 5.4 lbs. (2.47 kg) |
| • Battery | 9.6 Volt, 3.0 NiMH |
| • Crimp Cycle Time | ~6 seconds |
| • Battery Charge Time | 1 hour |

CONNECTOR CAPACITY

- | | |
|---|-------------------|
| • 5/8" Service Entrance Connectors | 10-1/0 AWG |
| • .840 Service Entrance Connectors | 1/0-4/0 AWG |
| • Aluminum "H" Taps | 6-4/0 AWG |
| • Copper "H" Taps | 10-2 AWG |
| • Copper Tension Splices | 6-2/0 AWG |
| • All Aluminum Tension Splices | 6-4/0 AWG |
| • One Piece ACSR Tension Splices | 4-1/0 AWG |
| • Two Piece ACSR Tension Splices | 2 AWG-477 kcmil |
| • Aluminum Jumper Splices | 4 AWG-266.8 kcmil |
| • Stirrups | 2-4/0 AWG |
| • Copper color-coded lugs and splices | 8 AWG-500 kcmil |
| • Aluminum color-coded lugs and splices | 8-4/0 AWG |



Market



CRIMPING & CUTTING JAW COMPATIBILITY

CJD3BG, CJD30, CJD3 and CJK* Crimping Jaws

- Greenlee® KD6 Series (*See back page*)
- FCI Burndy® W, X Series
- IlSCO® ND Series
- Huskie® HT-58 Series
- Panduit® CD-2001 Series

**Requires F020735 Adapters*

CJK Crimping Jaws

- Kearney™ dies for Type "O" tools

CJXPJ Crimping Jaws

- Nicopress connectors that require the X, P or J tool grooves

CJB Cutter Jaws Capacity

- One time disposable lock hasps, 4 AWG Alumoweld
- ACSR 1/0 (Does not cut fully through all of the aluminum strands. The cable must be flexed to complete the separation)



CJD3BG



CJXPJ



CJD3



CJK



CJB

Ordering Information

R - Replacement Part A - Accessory

EK425 Battery Crimping Tools

CAT. NO.	UPC NO.	DESCRIPTION	QTY
EK425D11	11311	EK425 Crimping Tool w/CJD3 jaws w/120 volt battery charger	1
EK425D12	11312	EK425 Crimping Tool w/CJD3 jaws w/12 volt battery charger	1
EK425D12	11313	EK425 Crimping Tool w/CJD3 jaws w/220 volt battery charger	1
EK425D011	84502	EK425 Crimping Tool w/CJD30 jaws w/120 volt battery charger	1
EK425D012	84503	EK425 Crimping Tool w/CJD30 jaws w/12 volt battery charger	1
EK425D022	84504	EK425 Crimping Tool w/CJD30 jaws w/220 volt battery charger	1
EK425DBG11	84505	EK425 Crimping Tool w/CJD3BG jaws w/120 volt battery charger	1
EK425DBG12	84506	EK425 Crimping Tool w/CJD3BG jaws w/12 volt battery charger	1
EK425DBG22	84507	EK425 Crimping Tool w/CJD3BG jaws w/220 volt battery charger	1
EK425-K11	11314	EK425 Crimping Tool w/CJK jaws w/120 volt battery charger	1
EK425-K12	11327	EK425 Crimping Tool w/CJK jaws w/12 volt battery charger	1
EK425-K22	11328	EK425 Crimping Tool w/CJK jaws w/220 volt battery charger	1
CJXPJ	84512	A Crimping Jaw with Nicopress X, P & J die grooves	1
CJB	84513	A Cutting Jaw for one-time disposable lock hasps	1
CJD3	03242	A Crimping Jaw with single D3 die groove	1
CJ22	84511	A Crimping Jaw for use with KC22 & KA22 Crimping dies	1
CJD30	84514	R Crimping Jaw Unit-D3 and O die grooves	1
CJD3BG	84515	R Crimping Jaw Unit-D3 and BG die grooves	1
CJK	04829	R Crimping Jaw Unit for Kearney "O" dies	1
KD6-27	10182	A "W" style cutter dies for ACSR to 4/0 AWG	1
F020735	43136	A Kearney "D" crimping die	1
RAM3GL	89818	R Replacement 3.0 Ah NiMH battery	1
12722	12722	R 120 volt Battery Charger	1
23076	23076	R 12 volt Battery Charger	1
12723	12723	R 220 volt Battery Charger	1
CP1	22041	R Pouch	1

DIES FOR USE WITH SERVICE ENTRANCE CONNECTORS, C-TAPS, H-TAPS, OVERHEAD AND UNDERGROUND CONNECTORS (Use with CJD30, CJD3BG, CJK* and CJD3 Crimping Jaws) *Requires F020735 for use with "W" type Crimping dies

"W"-STYLE DIES

CAT. NO.	UPC NO.	BURNDY NO.	CAT. NO.	UPC NO.	BURNDY NO.
KD6-10	10165	W-BG	KD6-18	10173	W-166
KD6-11	10166	W-O	KD6-19	10174	W-243
KD6-12	10167	W-C	KD6-20	10175	W-247
KD6-13	10168	W-K840	KD6-21	10176	W-249
KD6-14	10169	W-161	KD6-22	10177	W-164
KD6-15	10170	W-162	KD6-24	10179	W-237
KD6-16	10171	W-163	KD6-25	10180	W-239
KD6-17	10172	W-165	KD6-27	10182	4/0 ACSR Cutter

DIES FOR CRIMPING COLOR-CODED COPPER & ALUMINUM LUGS & SPLICES* (Use with CJ22 Crimping Jaws)**

6-TON CRIMPING DIE KITS*

CAT. NO.	UPC NO.	DESCRIPTION
K22S1GL	03078	Die Kit for #8-600 Copper Connectors – Includes all copper die sets listed below and carrying case
KD06AL	01631	Die Kit for #8-350 Aluminum Connectors – Includes all aluminum die sets listed below and carrying case

22 SERIES CRIMPING DIES

CABLE SIZE	ALUMINUM			COPPER		
	CAT. NO.	UPC NO.	COLOR	CAT. NO.	UPC NO.	COLOR
8 AWG	KA22-8	06744	Blue	KC22-8	03079	Red
6 AWG	KA22-6	06745	Gray	KC22-6	03080	Blue
4 AWG	KA22-4	06746	Green	KC22-4	03081	Gray
2 AWG	KA22-2	06747	Pink	KC22-2	03082	Brown
1 AWG	KA22-1	06749	Gold	KC22-1	03083	Green
1/0 AWG	KA22-1/0	06750	Tan	KC22-1/0	03084	Pink
2/0 AWG	KA22-2/0	06751	Olive	KC22-2/0	03085	Black
3/0 AWG	KA22-3/0	06752	Ruby	KC22-3/0	03086	Orange
4/0 AWG	KA22-4/0	06753	White	KC22-4/0	03087	Purple
250 kcmil (MCM)	KA22-250	06754	Red	KC22-250	03088	Yellow
300 kcmil (MCM)	KA22-300	06755	Blue	KC22-300	03089	White
350 kcmil (MCM)	KA22-350	06756	Brown	KC22-350	03090	Red
400 kcmil (MCM)	—	—	—	KC22-400	03091	Blue
500 kcmil (MCM)	—	—	—	KC22-500	03092	Brown
600 kcmil (MCM)	—	—	—	KC22-600	03093	Green

*Note: Connections are UL and cUL classified for copper and aluminum, when used with Greenlee tools on Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® color-coded lugs and splices.
 **EK425 Crimping force is 6 tons when used with CJ22 Crimping Jaws.



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