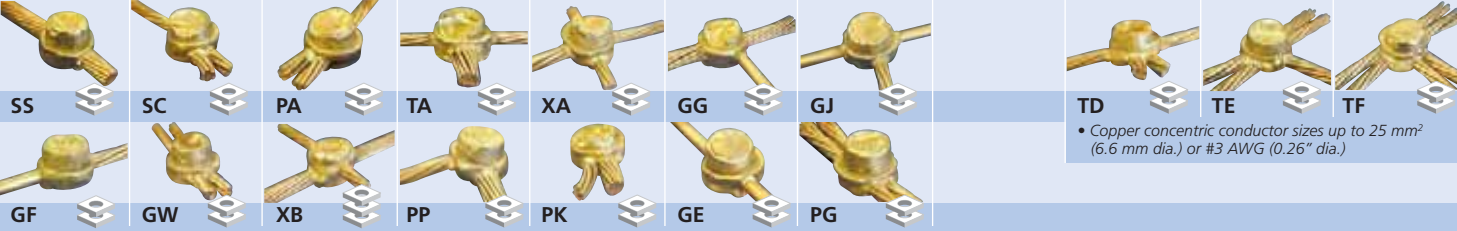


CADWELD® MULTI Connection Capabilities

Copper Cable/Solid to Copper Cable/Solid



• Copper concentric conductor sizes up to 50 mm² (9.3 mm dia.) or 1/0 AWG (0.37" dia.)

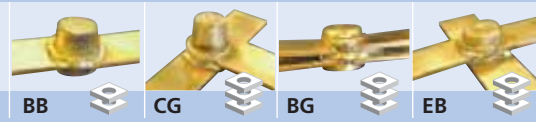
• Copper concentric conductor sizes up to 25 mm² (6.6 mm dia.) or #3 AWG (0.26" dia.)

Copper Cable/Solid Strip to Rebar



• Copper concentric conductor sizes up to 50 mm² (9.3 mm dia.) or 1/0 AWG (0.37" dia.)
• Copper or steel strip sizes up to 30 x 3,5 mm (1.2" x 0.14")
• Rebar sizes up to 10 mm (#3)

Copper Strip to Copper Strip



• BB and CG: Copper strip sizes up to 30 x 3,5 mm (1.2" x 0.14")
• BG and EB: Copper strip sizes up to 30 x 3,0 mm (1.2" x 0.12")

Copper Cable/Solid to Copper or Steel Strip/Lug



• Copper concentric conductor sizes up to 50 mm² (9.3 mm dia.) or 1/0 AWG (0.37" dia.)
• Copper or steel lug / strip sizes up to 30 x 3,5 mm (1.2" x 0.14")

Galvanized Steel Strip to Galvanized Steel Strip



• Galvanized steel strip sizes up to 30 x 3,5 mm (1.2" x 0.14")

Ground Rod Connections



• Copper concentric conductor sizes up to 10 mm² (4.2 mm dia.) or #6 AWG (0.18" dia.)
• Copper strip sizes up to 30 x 2,0 mm (1.2" x 0.08")

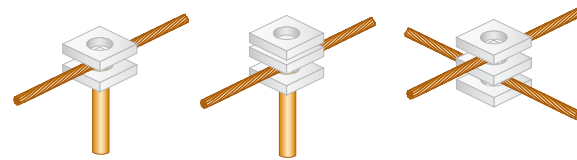
• Copper concentric conductor sizes greater than 10 mm² (4.2 mm dia.) or #6 AWG (0.18" dia.)
• Copper strip sizes 30 x (2,5 - 3,0 mm) or 1.2" x (0.10" - 0.12")
• Steel strip sizes 30 x (0,5 - 3,5 mm) or 1.2" x (0.02" - 0.14")

CADWELD® MULTI Available Items

Part Nr	Article Nr	Description	Weight (kg)
KITCDMV01	167782	CADWELD MULTI Kit	25.000
The CADWELD MULTI kit (KITCDMV01) contains the following list of items:			
FMCDMV01	120883	Handle Clamp	1.800
CDMV01H	240399	Mold for H welds	1.200
CDMV0112	240398	Mold for welds on 1/2 rods	1.200
CDMV0158	240397	Mold for welds on 5/8 rods	1.200
CDMV0134	240396	Mold for welds on 3/4 rods*	1.200
SCDM01	120886	Set of 33 batting/gaskets	0.200
B399P	162070	SKK1 clamp	0.500
TSCSTP	197295	Toolset	2.000
B136B	182030	Slag Removal Spade	0.144
		Language free instruction sheet	1
The following items can be used with the CADWELD MULTI Kit (KITCDMV01). They are sold separately.			
T320	165000	Flint Ignitor T320	0.090
90	163040	CADWELD Traditional welding material	0.090
115	163050	CADWELD Traditional welding material	0.115
PLUSCU	165745	Control Unit	1.088
PLUS#90F20	165705	CADWELD PLUS welding material	0.158
PLUS#115F20	165706	CADWELD PLUS welding material	0.185

Symbol denotes number of batting (gaskets) required for each connection.

Requires 2 batting layers for weld
 Requires 3 batting layers for weld



NOTES:

- For connections using a 3/4" ground rod, it is necessary to use #115 / 115PLUSF20 weld material (sold separately).
- For all other connection types, use #90 or 90PLUSF20.
- For connections using galvanized material, remove galvanizing before welding, for a better connection.

NEW Products:

A NEW Version of the Kit:

- INCLUDES a complete package of molds
- EXCLUDES welding material, control units, or ignitors

Due to ERICO's continuous product improvement policy, products shown in this catalog are subject to change without notice. If you would like to know more about the benefits of CADWELD MULTI contact ERICO or visit: www.erico.com

IEEE is a registered trademark of the Institute of Electrical and Electronics Engineers, Incorporated. IEC is a registered service mark of International Electrical Contractors, Inc.

WARNING
ERICO products shall be installed and used only as indicated in ERICO's product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

WARRANTY
ERICO products are warranted to be free from defects in material and workmanship at the time of shipment. NO OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF ANY ERICO PRODUCTS. Claims for errors, shortages, defects or nonconformities ascertainable upon inspection must be made in writing within 5 days after Buyer's receipt of products. All other claims must be made in writing to ERICO within 6 months from the date of shipment or transport. Products claimed to be nonconforming or defective must, upon ERICO's prior written approval in accordance with its standard terms and procedures governing returns, promptly be returned to ERICO for inspection. Claims not made as provided above and within the applicable time period will be barred. ERICO shall in no event be responsible if the products have not been stored or used in accordance with its specifications and recommended procedures. ERICO will, at its option, either repair or replace nonconforming or defective products for which it is responsible or return the purchase price to the Buyer. THE FOREGOING STATES BUYER'S EXCLUSIVE REMEDY FOR ANY BREACH OF ERICO WARRANTY AND FOR ANY CLAIM, WHETHER SOUNDING IN CONTRACT, TORT OR NEGLIGENCE, FOR LOSS OR INJURY CAUSED BY THE SALE OR USE OF ANY PRODUCT.

LIMITATION OF LIABILITY
ERICO excludes all liability except such liability that is directly attributable to the willful or gross negligence of ERICO's employees. Should ERICO be held liable its liability shall in no event exceed the total purchase price under the contract. ERICO SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS OF BUSINESS OR PROFITS, DOWNTIME OR DELAY, LABOR, REPAIR OR MATERIAL COSTS OR ANY SIMILAR OR DISSIMILAR CONSEQUENTIAL LOSS OR DAMAGE INCURRED BY BUYER.

Copyright ©2008 ERICO International Corporation. All rights reserved.

CADDY, CADWELD, CRITEC, ERICO, ERITECH, ERIFLEX, and LENTON are registered trademarks of ERICO International Corporation.

www.erico.com

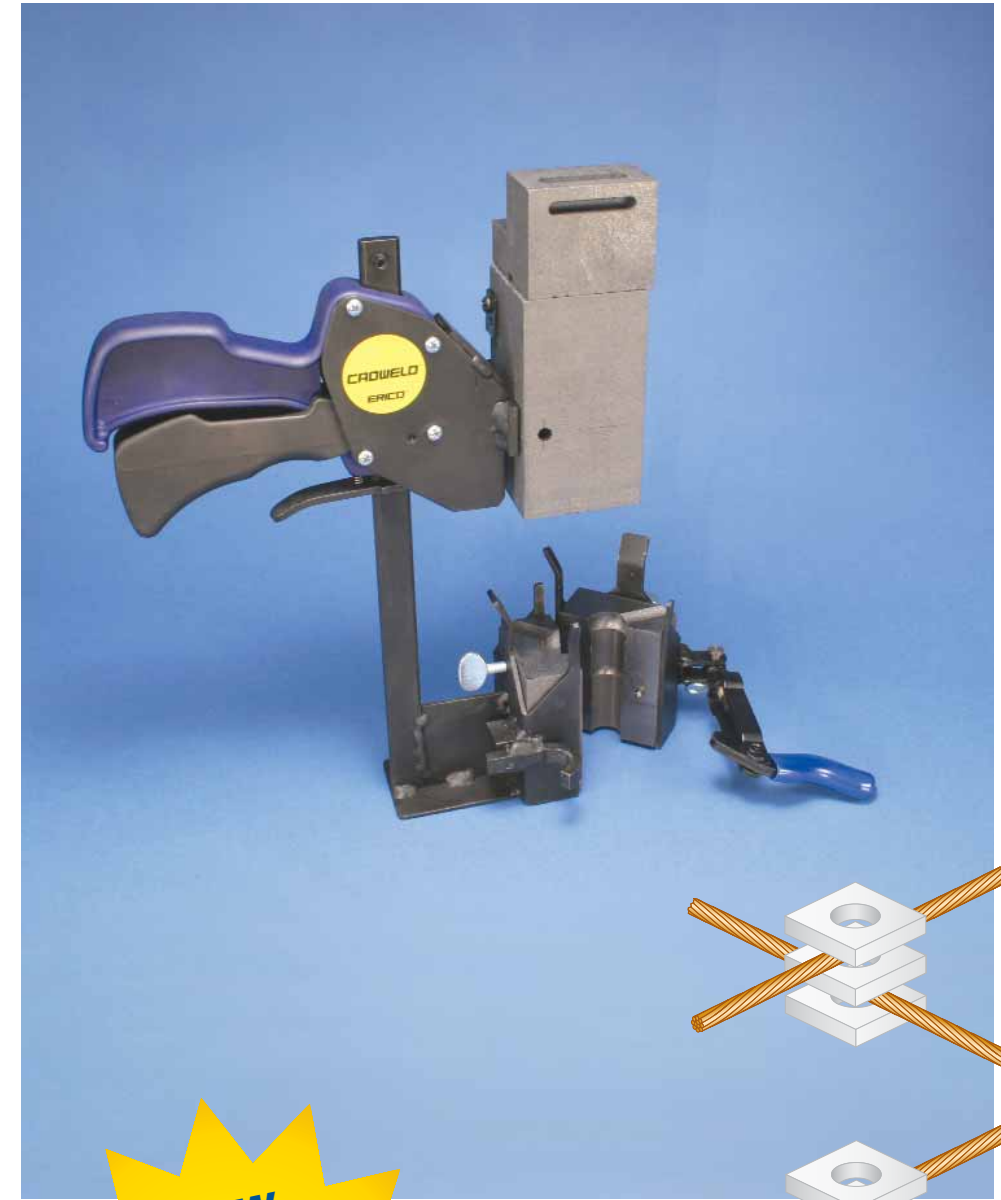
ERICO®

E399B-WWEN E1234LT08WWEN 00715M8

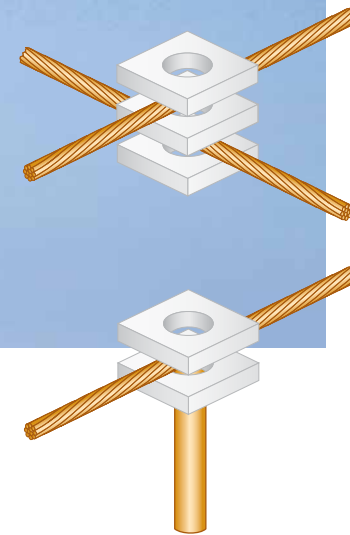
ERITECH®

CADWELD® MULTI

A New Evolution In Exothermic Welding



NEW UPGRADED DESIGN
CADWELD® MULTI now performs connections to ground rods



ERICO®



Exothermic Welded Connections

Exothermic welded connections are immune to thermal conditions which can cause mechanical and compression joints to become loose or corrode. They are recognized for their durability and longevity.



CADWELD® Connection

The CADWELD exothermic welding process fuses conductors together to form a molecular bond with a current-carrying capacity equal to that of the conductor. Grounding systems incorporating this type of connection therefore operate as a continuous conductor with lower resistivity.

CADWELD® MULTI

The new CADWELD MULTI offers enhanced user benefits:

- Now performs welds to ground rods
- Versatile mold produces an unlimited variety of connections
- Patented self-sealing system prevents weld metal leakage
- Compact compression structure enables easy alignment of conductors
- Language-free instruction guide
- Lightweight kit for easy transportation
- Easy-to-use system completes weld in seconds
- Video available on www.erico.com

Standard Compliance

CADWELD MULTI satisfies the requirements of:

- BS 6651
- BS 7430
- NFC 15-100
- IEEE® 837-1987
- IEEE 80-2000
- IECSM 1025-1 (ENV 61024-1)

Patented

CADWELD® MULTI

The complete welding system for improving grounding system performance, reliability, and installation convenience.



Welding material sold separately.

The CADWELD MULTI simplifies the exothermic welding process. Make over 30 separate connection types with a single, universal mold, which now enables you to make connections to a ground rod.

CADWELD® MULTI offers all of the benefits of CADWELD® connections:

- Current-carrying capacity equal to that of the conductor
- Permanent molecular bond that will not loosen or corrode
- Works with CADWELD traditional welding material
- Works with CADWELD® PLUS welding material
- Will withstand repeated fault currents
- No external power or heat required
- New ground rod capabilities
- Visual inspection possible
- Requires minimal training

Welding material sold separately.



How Does It Work?

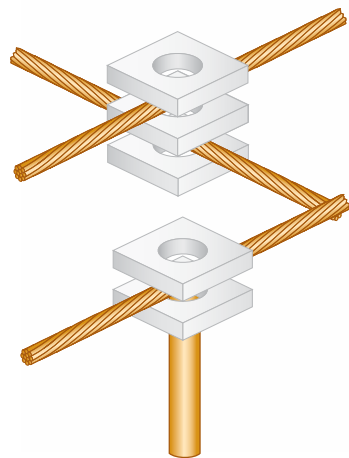
4 Easy steps for multiple, permanently welded, electrical connections

The CADWELD MULTI combines a versatile mold block and a range of gaskets (batting) to allow numerous different welded connections to be produced without the need to change the mold for each connection type.



The process is similar to the classic CADWELD with one distinct difference... *there is no need to change the mold for different connection types.*

The whole process is complete in about one minute. The back page table details the gasket quantities required for each weld.



STEP 1 Layer batting and variable conductor sizes to be welded into dry mold.



STEP 2 Add CADWELD PLUS welding material.



STEP 3 Close cover and connect CADWELD PLUS control unit.



STEP 4 Press and hold operate button. Open mold after 10 seconds.

CADWELD MULTI also works with CADWELD Traditional Welding Material.



GT



PK



CP



SS



CN



RF



TG



XA



TA



PG