



**CONNECT AND PROTECT**

# Irrigation Grounding Products by nVent ERICO



# Table of Contents

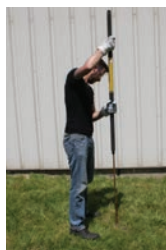
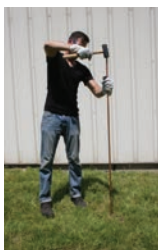
nVent ERICO Copper-Bonded Ground Rod, Pointed, 5/8" dia, 10', 10 mil Plating, 8.5 lb .....	3
nVent ERICO Copper-Bonded Ground Rod, Pointed, 5/8" dia, 8', 10 mil Plating, 6.8 lb .....	4
nVent ERICO Ground Rod Clamp, Bronze, 1/2"–5/8" dia, #10 Sol-#2Strnd, 6 mm <sup>2</sup> Sol-25 mm <sup>2</sup> Strnd.....	5
nVent ERICO Ground Rod Clamp, Bronze, 5/8" dia, #8 SOL-1/0 Strnd, 10 mm <sup>2</sup> Sol-50 mm <sup>2</sup> Strnd .....	6
nVent ERICO Water/Gas Pipe Ground Clamp, 1/2"–1" Pipe, (#10-#2) SOL, 6 mm <sup>2</sup> SOL-25 mm <sup>2</sup> Strnd .....	7
nVent ERICO Split Bolt Connector, #6 Solid-#2 Stranded, 16 mm <sup>2</sup> Stranded-25 mm <sup>2</sup> Stranded.....	8
nVent ERICO GEM Ground Enhancement Material, 25 lb, bag with handles .....	9
nVent ERICO GEM Ground Enhancement Material, 25 lb, bag with handles .....	10
nVent ERICO Cadweld One Shot, GR, #8, #6 SOL Cable to 5/8" Ground Rod, Cadweld Plus .....	11
nVent ERICO Cadweld One Shot, GR, #4, #3 SOL Cable to 5/8" Ground Rod, Traditional Cadweld .....	12
nVent ERICO Cadweld One Shot, GR, #4, #3 SOL Cable to 5/8" Ground Rod, Cadweld Plus .....	13
nVent ERICO Cadweld One Shot, Cable to Ground Rod, Traditional, GR (ONE SHOT), 3/4" dia, #4, #3 Connection, Solid.....	14
nVent ERICO Cadweld One Shot, Cable to Ground Rod, Plus, GR (ONE SHOT), 3/4" dia, #4, #3 Connection, Solid.....	15
nVent ERICO Cadweld One Shot, GT, #8, #6 SOL Cable to 5/8" Ground Rod, Cadweld Plus .....	16
nVent ERICO Cadweld One Shot, Cable to Ground Rod, Traditional, GT (ONE SHOT), 5/8" dia, #4, #3 Connection, Solid.....	17
nVent ERICO Cadweld One Shot, GT, #4, #3 SOL Cable to 5/8" Ground Rod, Cadweld Plus.....	18
nVent ERICO Cadweld One Shot, GT, #4, #3 SOL Cable to 3/4" Ground Rod, Traditional Cadweld .....	19
nVent ERICO Cadweld One Shot, Cable to Ground Rod, Traditional, NX (ONE SHOT), 3/4" dia, #4, #3 Connection, Solid .....	20
nVent ERICO Cadweld Plus Impulse Exothermic Welding Control Unit, 6' Cable .....	21
nVent ERICO Cadweld One Shot, Cable to Ground Rod, Plus, NT (ONE SHOT), 5/8" dia, #8, #6 Connection, Solid .....	22
nVent ERICO Cadweld Flint Ignitor .....	23
nVent ERICO Cadweld One Shot, Cable to Ground Rod, Traditional, NT (ONE SHOT), 5/8" dia, #4, #3 Connection, Solid.....	24
nVent ERICO Cadweld One Shot, Cable to Ground Rod, Plus, NT (ONE SHOT), 5/8" dia, #4, #3 Connection, Solid.....	25
nVent ERICO Cadweld One Shot, Cable to Ground Rod, Traditional, NT (ONE SHOT), 3/4" dia, #4, #3 Connection, Solid.....	26
nVent ERICO Cadweld One Shot, Cable to Ground Rod, Plus, NT (ONE SHOT), 3/4" dia, #4, #3 Connection, Solid.....	27
nVent ERICO Cadweld One Shot, NX, #4, #3 SOL Cable to 5/8" Ground Rod, Traditional Cadweld .....	28
nVent ERICO Cadweld One Shot, NX, #4, #3 SOL Cable to 5/8" Ground Rod, Cadweld Plus .....	29
nVent ERICO Lay-In Hammerlock Ground Clamp, Copper-bonded, Copper, 5/8", #6-4 SOL.....	30
nVent ERICO Lay-In Hammerlock Ground Clamp, Copper-bonded, Copper, 5/8", #4-2STR .....	31

**King Innovation is now part of nVent** – same quality products and now you have better access to the complete nVent electrification product portfolio.

nVent ERICO provides reliable grounding and bonding solution since 1903, including the well-known and trusted nVent ERICO Cadweld Exothermic Solution.

For more information, please visit [nVent.com/ERICO](https://www.nvent.com/ERICO)

# nVent ERICO Copper-Bonded Ground Rod, Pointed, 5/8" dia, 10', 10 mil Plating, 8.5 lb



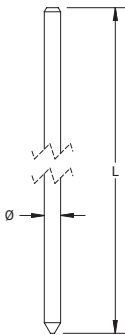
## FEATURES

- 99.9% pure electrolytic copper coating
- Rods have a high carbon steel core and tip that provide superior strength when driving
- Copper coating will not crack when bent or tear when driven
- Minimum copper coating of 10 mils on rods listed to UL® 467
- nVent ERICO name, length, diameter and part number is roll-stamped within 12" (304,8 mm) of chamfered end
- UL logo and control number where applicable stamped on each rod for easy inspection after installation
- Molecular bond to nickel-sealed high strength steel core



Product Attribute	Value
Catalog Number	615800
Material	Copper-Bonded Steel
Tensile Strength	80000 lbf/in <sup>2</sup> min
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual	0.56"
Length	10'
Plating Thickness	10
Unit Weight	8.5 lb
UPC Label	No
Complies With	IEC® EN 62561-2; ANSI®/NEMA® GR1
UPC	782856306115
EAN	0782856306115
Standard Packaging Quantity	5.0000
Packing Quantity	1.0000

For rods to be listed to UL® 467, they must be at least 8' (2.44 m) in length.  
IEC® EN 62561-2 supercedes EN 50164-2.  
Additional lengths available.



# nVent ERICO Copper-Bonded Ground Rod, Pointed, 5/8" dia, 8', 10 mil Plating, 6.8 lb

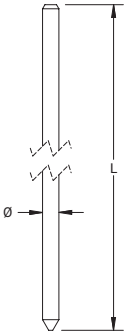


- FEATURES
- 99.9% pure electrolytic copper coating
  - Rods have a high carbon steel core and tip that provide superior strength when driving
  - Copper coating will not crack when bent or tear when driven
  - Minimum copper coating of 10 mils on rods listed to UL® 467
  - nVent ERICO name, length, diameter and part number is roll-stamped within 12" (304,8 mm) of chamfered end
  - UL logo and control number where applicable stamped on each rod for easy inspection after installation
  - Molecular bond to nickel-sealed high strength steel core



Product Attribute	Value
Catalog Number	615880
Material	Copper-Bonded Steel
Tensile Strength	80000 lbf/in² min
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual	0.56"
Length	8'
Plating Thickness	10
Unit Weight	6.8 lb
UPC Label	No
Complies With	IEC® EN 62561-2; ANSI®/NEMA® GR1
UPC	782856306092
EAN	8711893106480
Standard Packaging Quantity	5.0000
Packing Quantity	1.0000

For rods to be listed to UL® 467, they must be at least 8' (2.44 m) in length.  
IEC® EN 62561-2 supercedes EN 50164-2.  
Additional lengths available.



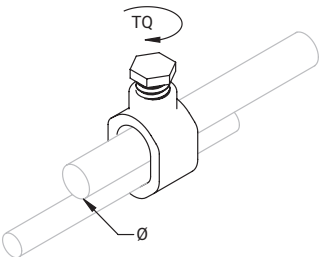
# nVent ERICO Ground Rod Clamp, Bronze, 1/2"–5/8" dia, #10 Sol-#2Strnd, 6 mm<sup>2</sup> Sol-25 mm<sup>2</sup> Strnd



- FEATURES
- For use with copper-bonded ground rods
  - Parts that are UL 467 Listed are suitable for direct burial in earth or concrete



Product Attribute	Value
Catalog Number	CP58
Material	Silicon Bronze
Ground Rod Diameter, Nominal	1/2" - 5/8"
Ground Rod Diameter, Actual	0.5 – 0.56"
Conductor Size	#10 Solid - #2 Stranded; 6 mm <sup>2</sup> Solid - 25 mm <sup>2</sup> Stranded
Wrench Size	19 mm
Complies With	IEC® EN 62561-1
Torque	150"·lb
UPC	782856307037
EAN	8711893041675
Standard Packaging Quantity	50.0000
Packing Quantity	1.0000



# nVent ERICO Ground Rod Clamp, Bronze, 5/8" dia, #8 SOL-1/0 Strnd, 10 mm<sup>2</sup> Sol-50 mm<sup>2</sup> Strnd

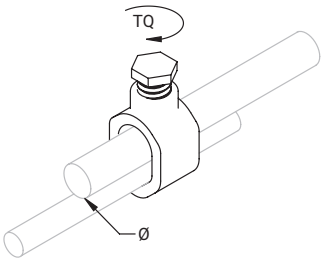


## FEATURES

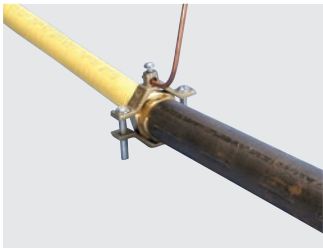
- For use with copper-bonded ground rods
- Parts that are UL 467 Listed are suitable for direct burial in earth or concrete



Product Attribute	Value
Catalog Number	HDC58
Material	Silicon Bronze
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual	0.56"
Conductor Size	#8 Solid - 1/0 Stranded; 10 mm <sup>2</sup> Solid - 50 mm <sup>2</sup> Stranded
Wrench Size	21 mm
Torque	150"·lb
UPC	782856305880
EAN	0782856305880
Standard Packaging Quantity	50.0000
Packing Quantity	1.0000



# nVent ERICO Water/Gas Pipe Ground Clamp, ½"–1" Pipe, (#10-#2) SOL, 6 mm² SOL-25 mm² Strnd

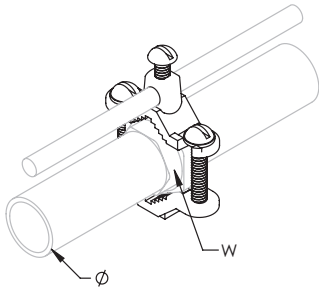


## FEATURES

- High-strength silicone bronze
- Used for connecting copper conductors to metallic water pipe, ground rods, or flexible gas pipe (CSST) with brass hex fittings
- Conform to the requirements of the 2009 edition of NFPA® 54, NFGC® (National Fuel Gas Code) and NEC® (National Electric Code) for bonding corrugated stainless steel tubing (CSST) gas piping systems to the grounding conductor of the building's electrical system
- SH version for outdoor applications



Product Attribute	Value
Catalog Number	CWP1J
Material	Silicon Bronze
For Outdoor Use	No
Pipe Size, Nominal	½" - 1"
Hex Width	1" - 1¼"
Conductor Size	#10 Solid - #2 Solid; 6 mm² Solid - 25 mm² Stranded
UPC	782856305965
EAN	8711893094220
Standard Packaging Quantity	25.0000
Packing Quantity	1.0000



# nVent ERICO Split Bolt Connector, #6 Solid-#2 Stranded, 16 mm² Stranded-25 mm² Stranded



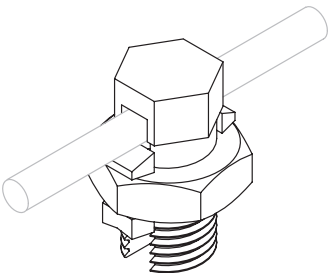
## FEATURES

- Unplated high-strength silicon bronze accommodates copper to copper connections
- Tin plated, high-strength copper alloy split bolt with spacer separates dissimilar conductors and accommodates copper-to-copper, copper-to-aluminum and aluminum-to-aluminum connections



Product Attribute	Value
Catalog Number	ESB2
Material	Silicon Bronze
Tin Plating	No
Conductor Size	#6 Solid - #2 Stranded; 16 mm² Stranded - 25 mm² Stranded
Torque	275"·lb
UPC	782856312130
EAN	8711893093926
Standard Packaging Quantity	50.0000
Packing Quantity	1.0000

Oxide inhibitor recommended when used on aluminum conductor.



# nVent ERICO GEM Ground Enhancement Material, 25 lb, bag with handles



Ground Enhancement Material (GEM) is a superior conductive material that solves your toughest grounding problems. It is the ideal material to use in areas of poor conductivity, such as rocky ground, mountain tops and sandy soil. GEM dramatically reduces earth resistance and impedance measurements. Furthermore, GEM may reduce the size of the grounding system where conventional methods are unsatisfactory. Once installed, GEM is maintenance-free, not requiring periodic charging or the presence of water to maintain its conductivity. Third-party testing has been completed to verify that GEM conforms to IEC® 62561-7. This standard introduces a benchmark for electrical performance and corrosion of earth enhancement materials that has been absent from the industry to date. nVent ERICO offers GEM Calculator software that provides resistivity values for common GEM applications and can help estimate the amount of GEM required for an installation. It operates in four languages - English, Spanish, French and German - and performs calculations in Imperial or Metric units. The GEM Calculator is available for download on our website at [ERICO.com](http://ERICO.com).

## FEATURES

- Maintains constant resistance for the life of the system once in its set form
- Performs in all soil conditions even during dry spells
- Does not require periodic charging treatments or placement
- Does not require the continuous presence of water to maintain its conductivity
- Fully sets within 3 days, fully cures within 28 days
- Does not dissolve, decompose, or leach out with time
- Non-corrosive
- Reduces vandalism and theft since conductors are hard to remove from concrete
- Easy-to-handle 25 lb (11.3 kg) bags or buckets
- Requires only one person to install
- Exceeds IEC® 62561-7 which sets the benchmark for corrosion, leaching, sulfur content, and other environmental regulations
- Complies to the U.S. Environmental Protection Agency (EPA) Toxicity Characteristic Leaching Procedure (TCLP), EPA test method 1311
- Can be installed using trench or ground rod backfill methods

# nVent ERICO GEM Ground Enhancement Material, 25 lb, bag with handles

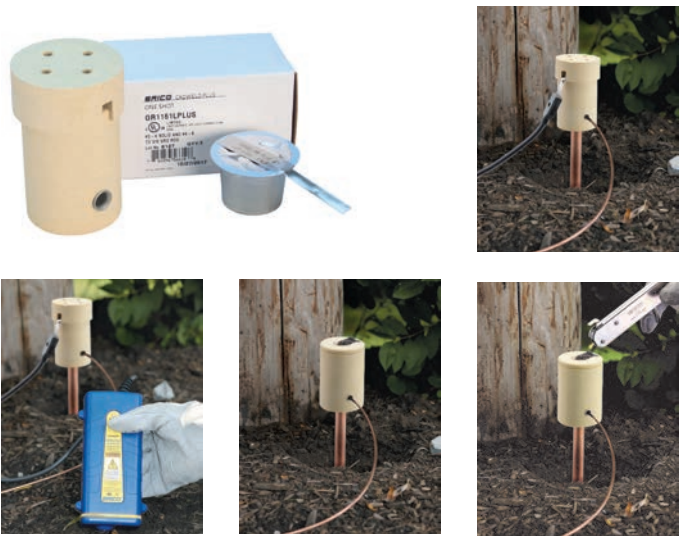
Product Attribute	Value
Catalog Number	GEM25A
Unit Weight	25 lb
Packaging	Bag with handles
Complies With	EN IEC® 61561-7:2018
UPC	782856322962
EAN	8711893001389
Standard Packaging Quantity	1.0000
Packing Quantity	1.0000

Suggested Specifications		
Parameter	Recommended Values	Test Method
Standards Compliance		Full compliance to IEC 62561-7 EPA Toxicity Characteristic Leaching Procedure (TCLP), test method 1311
Leaching	Arsenic < 1.5 mg/L, Barium < 60 mg/L, Cadmium < 0.15 mg/L, Chromium < 3.0 mg/L, Lead < 1.5 mg/L, Mercury < 0.06 mg/L, Selenium < 1.0 mg/L	EC 62561-7 EN 12457-2
Sulfur Content	< 2%	ISO 14869-1
Resistivity	<2 Ω-cm for powder <20 Ω-cm for mixed and cured material	Compressed powder according to ASTM G187-12 Mixed and cured per ASTM D991-89
Corrosion Performance	For copper-plated earth electrodes, the polarization resistance shall be > 8 Ω x m² for aggressive environments For galvanized earth electrodes, the polarization resistance shall be > 7.6Ω x m² for aggressive environments	IEC 62561-7, Sec 5.5, aggressive environment
Flexural Strength	300-450 psi [2070-3100 kPa]	ASTM C293
Compressive Strength	100-200 psi [690-1390 kPa] after 672 hours curing time	ASTM C109

Estimated Bags of GEM for Backfilling Around Ground Rods to a Density of 63.5 lb/ft³ (1,017 kg/m³)													
Diameter of Hole		ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
Inches	Centimeters	5	1.5	6	1.8	8	2.4	10	3	15	4.6	20	6.1
4	10.2	2		2		2		3		4		5	
6	15.2	3		3		4		5		8		10	
8	20.3	5		6		8		9		14		18	
10	25.4	7		9		12		14		21		28	
12	30.5	10		12		16		20		30		40	

Estimated Linear Feet of Ground Conductor Covering with Each Bag of GEM			
Trench Width	Total Thickness of GEM		
	4"	5"	6"
4"	3.5'	2.8'	2.3'
6"	2.3'	1.8'	1.5'
8"	1.8'	1.4'	1.1'
10"	1.4'	1.1'	0.9'
12"	1.2'	0.9'	0.7'

# nVent ERICO Cadweld One Shot, GR, #8, #6 SOL Cable to 5/8" Ground Rod, Cadweld Plus

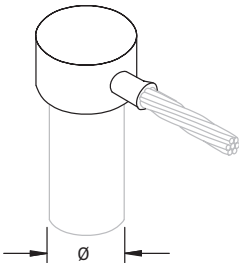


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	GR1161GPLUS
Welding Material Type	nVent ERICO Cadweld Plus
Mold Family	GR (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	8; 6
Connection, Stranded	8
Number of Wear Plate Sets	0
UPC	782856565086
EAN	0782856565086
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, GR, #4, #3 SOL Cable to 5/8" Ground Rod, Traditional Cadweld



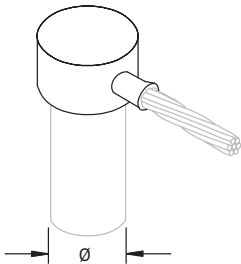
## FEATURES

- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
- Produces a permanent connection that will not loosen or corrode
- Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
- NEC® compliant

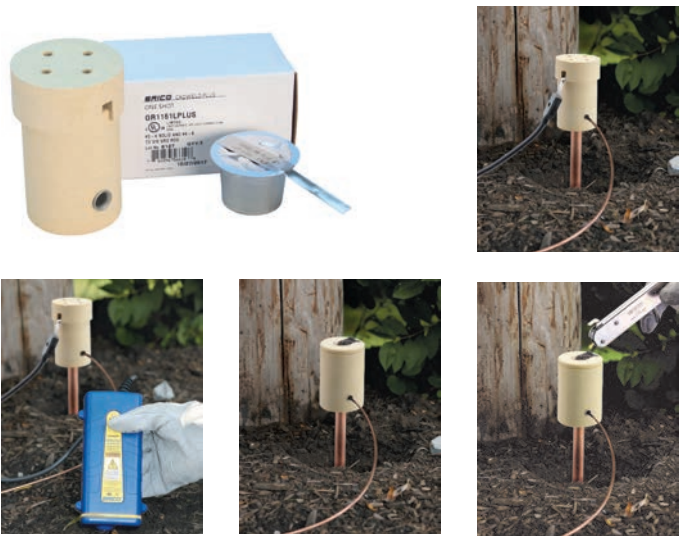


Product Attribute	Value
Catalog Number	GR1161L
Welding Material Type	Traditional
Mold Family	GR (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856000518
EAN	0782856000518
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, GR, #4, #3 SOL Cable to 5/8" Ground Rod, Cadweld Plus

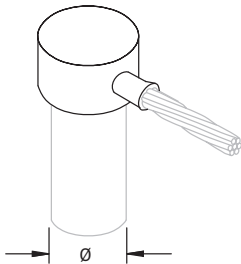


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	GR1161LPLUS
Welding Material Type	nVent ERICO Cadweld Plus
Mold Family	GR (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856566106
EAN	0782856566106
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, Cable to Ground Rod, Traditional, GR (ONE SHOT), 3/4" dia, #4, #3 Connection, Solid

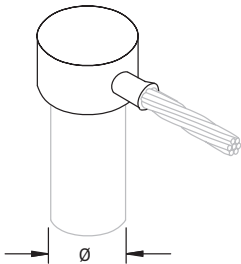


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	GR1181L
Welding Material Type	Traditional
Mold Family	GR (ONE SHOT)
Ground Rod Diameter, Nominal	3/4"
Ground Rod Diameter, Actual (Ø)	0.67 – 0.77"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856000808
EAN	0782856000808
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, Cable to Ground Rod, Plus, GR (ONE SHOT), 3/4" dia, #4, #3 Connection, Solid



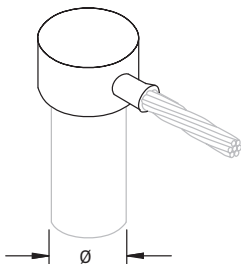
## FEATURES

- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
- Produces a permanent connection that will not loosen or corrode
- Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
- NEC® compliant

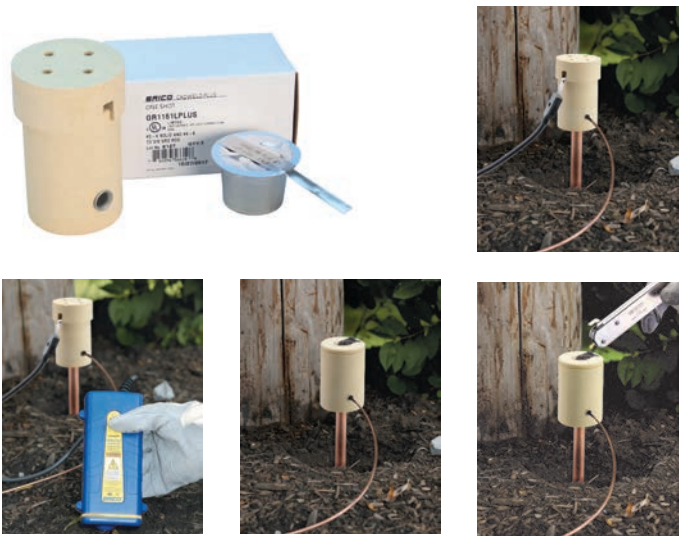


Product Attribute	Value
Catalog Number	GR1181LPLUS
Welding Material Type	nVent ERICO Cadweld Plus
Mold Family	GR (ONE SHOT)
Ground Rod Diameter, Nominal	3/4"
Ground Rod Diameter, Actual (Ø)	0.67 – 0.77"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856566168
EAN	0782856566168
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, GT, #8, #6 SOL Cable to 5/8" Ground Rod, Cadweld Plus

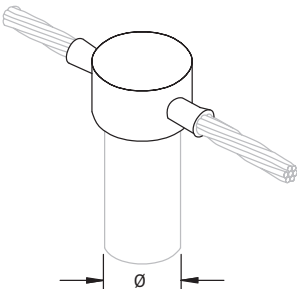


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	GT1161GPLUS
Welding Material Type	nVent ERICO Cadweld Plus
Mold Family	GT (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	8; 6
Connection, Stranded	8
Number of Wear Plate Sets	0
UPC	782856566236
EAN	0782856566236
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, Cable to Ground Rod, Traditional, GT (ONE SHOT), 5/8" dia, #4, #3 Connection, Solid

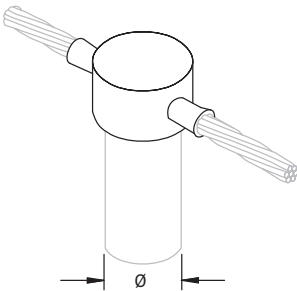


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant

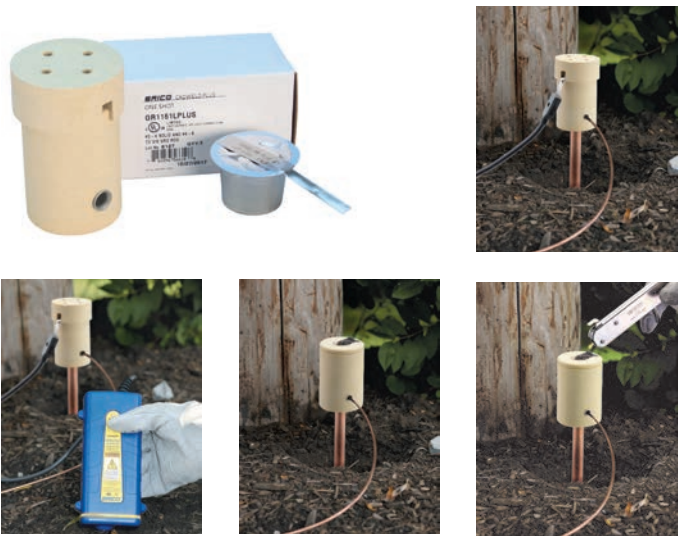


Product Attribute	Value
Catalog Number	GT1161L
Welding Material Type	Traditional
Mold Family	GT (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856000952
EAN	0782856000952
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, GT, #4, #3 SOL Cable to 5/8" Ground Rod, Cadweld Plus

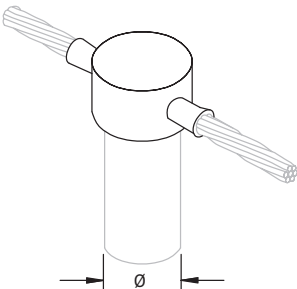


- FEATURES**
  - Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	GT1161LPLUS
Welding Material Type	nVent ERICO Cadweld Plus
Mold Family	GT (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856566243
EAN	0782856566243
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, GT, #4, #3 SOL Cable to ¾" Ground Rod, Traditional Cadweld

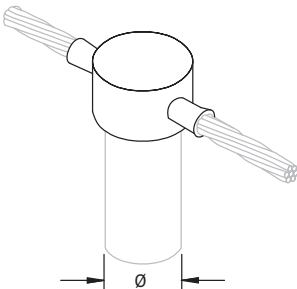


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	GT1181L
Welding Material Type	Traditional
Mold Family	GT (ONE SHOT)
Ground Rod Diameter, Nominal	¾"
Ground Rod Diameter, Actual (Ø)	0.67 – 0.77"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856001003
EAN	0782856001003
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, Cable to Ground Rod, Traditional, NX (ONE SHOT), 3/4" dia, #4, #3 Connection, Solid



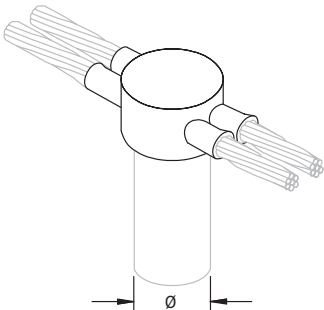
## FEATURES

- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
- Produces a permanent connection that will not loosen or corrode
- Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
- NEC® compliant



Product Attribute	Value
Catalog Number	NX1181L
Welding Material Type	Traditional
Mold Family	NX (ONE SHOT)
Ground Rod Diameter, Nominal	3/4"
Ground Rod Diameter, Actual (Ø)	0.67 – 0.77"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856001041
EAN	0782856001041
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld Plus Impulse Exothermic Welding Control Unit, 6' Cable



Our latest innovation, the nVent ERICO Cadweld Plus Impulse Exothermic Welding Control Unit, brings you the highest level of flexibility and ease of use of any of our ignition systems. Precision engineered, the control unit lets you choose your power source: from off-the-shelf AA-batteries to the rechargeable Lithium-Ion packs you have on your job site. Why should you choose our latest ignition system? Safety, Power and Ease-of-Use.

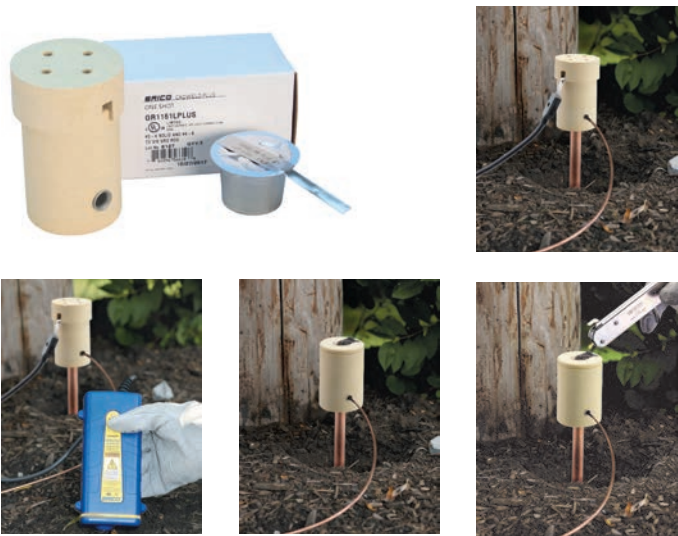
## FEATURES

- Enhanced power tool style grip is ergonomic and easy to hold
- Self-closing trigger guard prevents accidental ignition, providing added safety
- LED ignition counter provides instant feedback on the timing of the ignition and is visible in sunny outdoor conditions
- Five second delay in ignition is a safety feature to allow the user to stop ignition, if necessary
- Battery life indicator integrated into the unit for real-time updates on battery life; compatible with both AA and rechargeable batteries
- Includes AA alkaline batteries to power approximately 600 connections
- Rechargeable batteries from Milwaukee® or DEWALT® can be used to power approximately 1500 connections using a 4Ah battery
- Battery adapters available for use with either Milwaukee® or DEWALT® rechargeable batteries (sold separately)
- High temperature lead with single molded insert into the unit keeps the most-often replaced component of ignition systems more securely attached and reliable
- Easy-to-use alligator clip design of the termination clearly shows a positive connection in the viewing window



Product Attribute	Value
Catalog Number	PLUSCU2L6
Cable Length	6'
Batteries	8 Standard AA Batteries
Working Temperature	0 – 130°F
UPC	782856994985
EAN	0782856994985
Standard Packaging Quantity	1.0000
Packing Quantity	1.0000

# nVent ERICO Cadweld One Shot, Cable to Ground Rod, Plus, NT (ONE SHOT), 5/8" dia, #8, #6 Connection, Solid

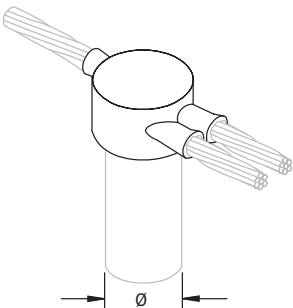


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	NT1161GPLUS
Welding Material Type	nVent ERICO Cadweld Plus
Mold Family	NT (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	8; 6
Connection, Stranded	8
Number of Wear Plate Sets	0
UPC	782856566366
EAN	0782856566366
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld Flint Ignitor



## FEATURES

- Used to ignite the starting material when making a traditional nVent ERICO Cadweld connection or a nVent LENTON Cadweld rebar connection

Product Attribute	Value
Catalog Number	T320
UPC	782856303770
EAN	8711893001457
Standard Packaging Quantity	10.0000
Packing Quantity	1.0000

# nVent ERICO Cadweld One Shot, Cable to Ground Rod, Traditional, NT (ONE SHOT), 5/8" dia, #4, #3 Connection, Solid

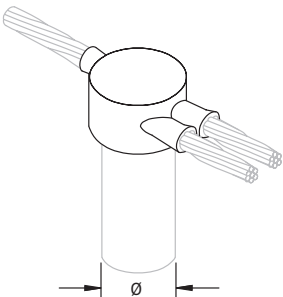


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	NT1161L
Welding Material Type	Traditional
Mold Family	NT (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856000693
EAN	0782856000693
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, Cable to Ground Rod, Plus, NT (ONE SHOT), 5/8" dia, #4, #3 Connection, Solid



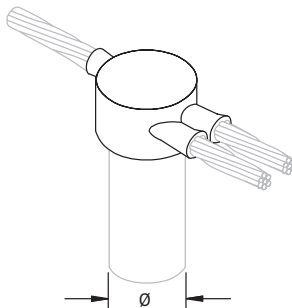
## FEATURES

- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
- Produces a permanent connection that will not loosen or corrode
- Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
- NEC® compliant



Product Attribute	Value
Catalog Number	NT1161LPLUS
Welding Material Type	nVent ERICO Cadweld Plus
Mold Family	NT (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856566373
EAN	0782856566373
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, Cable to Ground Rod, Traditional, NT (ONE SHOT), 3/4" dia, #4, #3 Connection, Solid

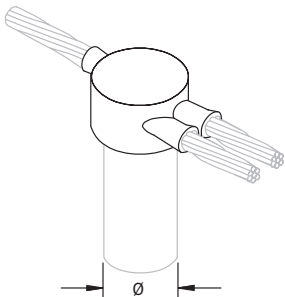


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	NT1181L
Welding Material Type	Traditional
Mold Family	NT (ONE SHOT)
Ground Rod Diameter, Nominal	3/4"
Ground Rod Diameter, Actual (Ø)	0.67 – 0.77"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856000648
EAN	0782856000648
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, Cable to Ground Rod, Plus, NT (ONE SHOT), 3/4" dia, #4, #3 Connection, Solid

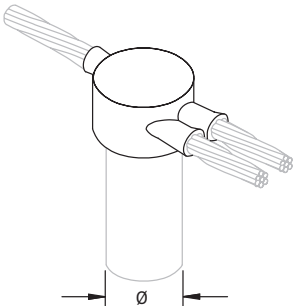


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	NT1181LPLUS
Welding Material Type	nVent ERICO Cadweld Plus
Mold Family	NT (ONE SHOT)
Ground Rod Diameter, Nominal	3/4"
Ground Rod Diameter, Actual (Ø)	0.67 – 0.77"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856566410
EAN	0782856566410
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, NX, #4, #3 SOL Cable to 5/8" Ground Rod, Traditional Cadweld



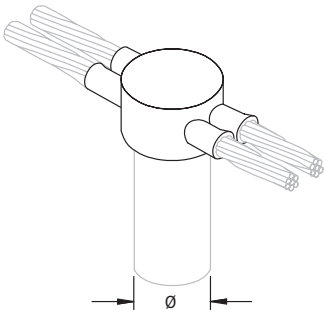
## FEATURES

- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
- Produces a permanent connection that will not loosen or corrode
- Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
- NEC® compliant

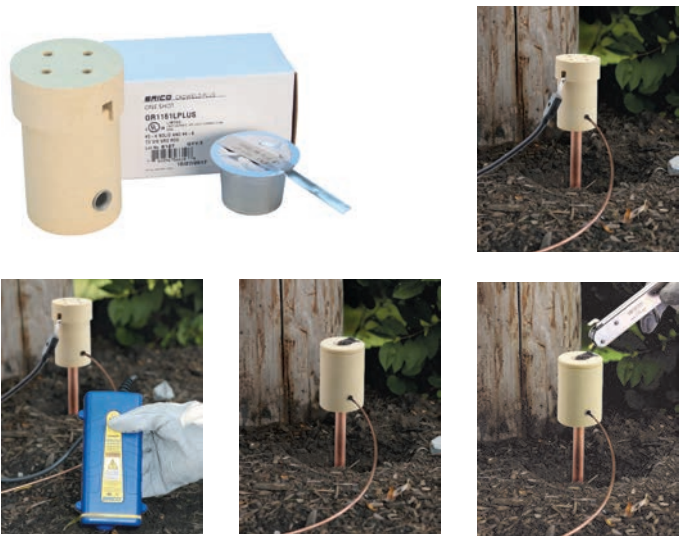


Product Attribute	Value
Catalog Number	NX1161L
Welding Material Type	Traditional
Mold Family	NX (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856000723
EAN	0782856000723
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Cadweld One Shot, NX, #4, #3 SOL Cable to 5/8" Ground Rod, Cadweld Plus

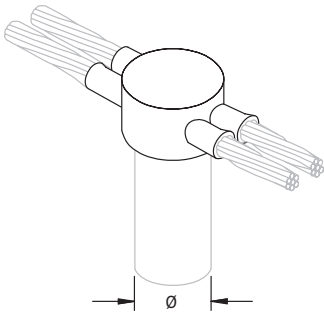


- FEATURES
- Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame
  - Produces a permanent connection that will not loosen or corrode
  - Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods
  - NEC® compliant



Product Attribute	Value
Catalog Number	NX1161LPLUS
Welding Material Type	nVent ERICO Cadweld Plus
Mold Family	NX (ONE SHOT)
Ground Rod Diameter, Nominal	5/8"
Ground Rod Diameter, Actual (Ø)	0.56 – 0.64"
Connection, Solid	4; 3
Connection, Stranded	6; 4
Number of Wear Plate Sets	0
UPC	782856566489
EAN	0782856566489
Standard Packaging Quantity	6.0000
Packing Quantity	1.0000

A gap between conductors may be required. See mold tag for more information.



# nVent ERICO Lay-In Hammerlock Ground Clamp, Copper-bonded, Copper, 5/8", #6-4 SOL



The nVent ERICO Lay-In Hammerlock provides an easy-to-install mechanical connection for grounding conductors to ground rods. A low resistance connection is possible through the sleek, highly conductive copper design. Eliminating the need to feed conductors through the connector allows for ease-of-use. High-level performance is ensured for many years to come, regardless of harsh environments through the connectors rugged design. Installation of the nVent ERICO Lay-In Hammerlock is made simple whether tapping into an existing grounding grid or installing new conductors on ground rods. Save time and money on installations with your experts in grounding and bonding.

### FEATURES

- Lay-in capability eliminates need to feed or cut conductors during installation
- Can be used for new installations or adding to existing grounding grids
- Irreversible, low resistance connection with excellent mechanical strength
- Provides a visual indication of completed connection
- UL 467 and 96 certified; suitable for direct burial
- Fast and simple installation—needing only a hammer and no special training
- Manufactured in USA



Product Attribute	Value
Catalog Number	ELHL58C1K
Ground Rod Type	Copper-bonded
Material	Copper
Ground Rod Diameter, Nominal	0.625"
Ground Rod Diameter, Actual	0.56"
Conductor Size	#6 Solid - #4 Solid
Direct Burial	Yes
Number of Conductors	1
Length	2.45"
Width	0.875"
Unit Weight	0.3 lb
UPC	784805073321
Standard Packaging Quantity	25.0000
Packing Quantity	1.0000

# nVent ERICO Lay-In Hammerlock Ground Clamp, Copper-bonded, Copper, 5/8", #4-2STR



The nVent ERICO Lay-In Hammerlock provides an easy-to-install mechanical connection for grounding conductors to ground rods. A low resistance connection is possible through the sleek, highly conductive copper design. Eliminating the need to feed conductors through the connector allows for ease-of-use. High-level performance is ensured for many years to come, regardless of harsh environments through the connectors rugged design. Installation of the nVent ERICO Lay-In Hammerlock is made simple whether tapping into an existing grounding grid or installing new conductors on ground rods. Save time and money on installations with your experts in grounding and bonding.

## FEATURES

- Lay-in capability eliminates need to feed or cut conductors during installation
- Can be used for new installations or adding to existing grounding grids
- Irreversible, low resistance connection with excellent mechanical strength
- Provides a visual indication of completed connection
- UL 467 and 96 certified; suitable for direct burial
- Fast and simple installation—needing only a hammer and no special training
- Manufactured in USA



Product Attribute	Value
Catalog Number	ELHL58C1V
Ground Rod Type	Copper-bonded
Material	Copper
Ground Rod Diameter, Nominal	0.625"
Ground Rod Diameter, Actual	0.56"
Conductor Size	#4 Stranded - #2 Stranded; 25 mm <sup>2</sup> Stranded
Direct Burial	Yes
Number of Conductors	1
Length	2.45"
Width	0.875"
Unit Weight	0.28 lb
UPC	784805073314
EAN	0784805073314
Standard Packaging Quantity	25.0000
Packing Quantity	1.0000

Our powerful portfolio of brands:

**CADDY   ERICO   HOFFMAN   RAYCHEM   SCHROFF   TRACER**



**[nVent.com/ERICO](https://nVent.com/ERICO)**