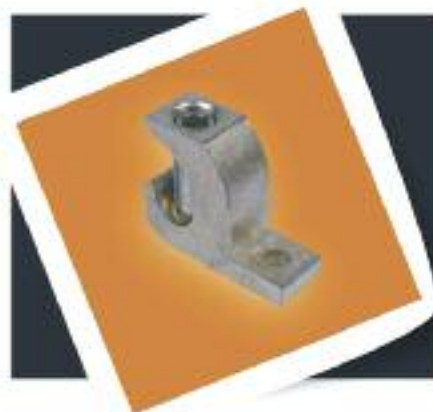


# GALVAN ELECTRICAL PRODUCTS



**GALVAN INDUSTRIES, INC.**



# GET THE ORDER WITH GALVAN

*It's easy to sell Galvan's most popular products. They have advantages that competitors can't match. Use the notes below to make the most of your sales opportunities.*



## G-5 and SRC Grounding Clamps

Most acorn ground rod clamps are NOT listed for galvanized or stainless steel ground rods. Galvan G-5 and SRC clamps are listed for copper, galvanized, stainless, and rebar.

Key selling proposition: "I can sell you a clamp that is UL-listed for copper-coated, galvanized and stainless steel ground rods, and rebar, for the same cost as that other clamp that's only listed for copper-coated rods."



## IBBZ Intersystem Bonding Bridge Connectors

Galvan's low-cost IBBZ meets all requirements for NEC 250.94 for Intersystem Bonding Termination of up to four wires, solid or stranded. Its protective plastic cover snaps into place.

Key selling proposition: "I can sell you a cost-saving intersystem bonding bridge that is quicker and easier to install. There is no cover screw to lose in the field and the color matches the panel board."



## Galvan UL-Listed Galvanized Ground Rods

Our UL-Listed hot-dip galvanized ground rods meet all requirements of the NEC code, not just length but also diameter, which can't be accurately measured without proper equipment.

Key selling proposition: "I can sell you a UL-listed galvanized ground rod that you know is fully code-compliant for the same cost as that non-listed rod."



Watch sales training videos at <https://galvanelectrical/product-video/>



**Galvan Industries, Inc.**  
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# UL-Listed Galvan Gold Series Galvanized Ground Rods

## Cost Savings and Code Compliance Since 2004

Since Galvan industries brought the first UL-Listed galvanized ground rod to market in 2004, electrical contractors and inspectors now think differently about ground rods.



Today's contractors see listed galvanized ground rods as a cost-saving, easier-driving alternative to full-size rods. A listed galvanized rod also gives contractors the flexibility to choose a safe, code-compliant product with either copper-bonded or galvanized corrosion protection, depending on their needs.

Many inspectors now ask contractors to leave a shovel-full of dirt away from the top of the rod for inspections. When the listing symbol is visible on any ground rod, they know it meets code. When there is no visible listing mark, it is impossible to know if a driven rod meets NEC requirements, especially for length.

## Our color-coded ground rods eliminate errors

Galvan also pioneered the color coding of ground rods to help ensure that our customers get the right ground rod every time. Different colors indicate different diameters. The colors are painted on the pointed rod ends, eliminating inventory and installation mistakes.

### Copper Rods - Color Code

| DIAMETER | COLOR     | UL LISTED          |
|----------|-----------|--------------------|
| 1/2"     | green     | NO                 |
| 1/2"     | orange    | LISTED             |
| 5/8"     | red       | NO                 |
| 5/8"     | copper/bm | LISTED/ 10 Mil     |
| 5/8"     | yellow    | LISTED/ RUS/13 Mil |
| 3/4"     | black     | LISTED             |
| 1"       | No Color  | LISTED             |

### Galvanized Rods - Color Code

| DIAMETER | COLOR     | LISTED |
|----------|-----------|--------|
| 1/2"     | green     | NO     |
| 5/8"     | copper/bm | LISTED |
| 5/8"     | yellow    | LISTED |
| 3/4"     | black     | LISTED |
| 1"       | No Color  | LISTED |

## CURRENT CODES AND STANDARDS FOR GROUND RODS



As information for our customers, we have included below the current NEC, NESC and RUS requirements for electrical ground rods. You can count on Galvan to meet them.

### NEC 2011, 2014, 2017 AND 2020 EDITION

250.52.A Grounding Electrodes / Electrodes Permitted for Grounding

**(5) Rod and Pipe Electrodes.** Rod and pipe electrodes shall not be less than 2.44 m (8 ft) in length and shall consist of the following materials.

(b) Rod-type grounding electrodes of stainless steel and copper or zinc coated steel shall be at least 15.87 mm (5/8 in.) in diameter, **unless listed**.

250.53.A Grounding Electrode System Installation / Rod, Pipe, and Plate Electrodes

**(2) Supplemental Electrode Required.** A single rod, pipe, or plate electrode shall be supplemented by an additional electrode of a type specified in 250.52(A)(2) through (A)(8). The supplemental electrode shall be permitted to be bonded to one of the following:

- (1) Rod, pipe, or plate electrode
- (2) Grounding electrode conductor
- (3) Grounded service-entrance conductor
- (4) Non-flexible grounded service raceway
- (5) Any grounded service enclosure

*Exception: If a single rod, pipe, or plate grounding electrode has a resistance to earth of 25 ohms or less, the supplemental electrode shall not be required.*

**(3) Supplemental Electrode.** If multiple rod, pipe, or plate electrodes are installed to meet the requirements of this section, they shall not be less than 1.8 m (6 ft) apart.

NEC 250.70 Methods of Grounding and Bonding Conductor Connection To Electrodes.

**Ground clamps shall be listed for the materials of the grounding electrode.**

Informational Note: The paralleling efficiency of rods is increased by spacing them twice the length of the longest rod.

### NATIONAL ELECTRICAL SAFETY CODE – 2017 EDITION

094B2 Grounding electrodes / Made Electrodes / Driven rods

(a) Driven rods may be sectional; the total length shall be not less than 2.44 (8 ft). Iron, zinc-coated steel, or steel rods shall have a diameter of not less than 15.87 mm (0.625 in). Copper-clad, stainless steel, or stainless steel-clad rods shall have a diameter of not less than 12.7 mm (0.5 in).

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### RURAL DEVELOPMENT UTILITIES PROGRAMS (RUS) – ELECTRIC PROGRAMS

LIST OF MATERIALS – Acceptable for Use on Systems of USDA Rural Development Electrification Borrowers; Informational Publication 202-1, Updated July 2015.

1. New sections for Ground Rods (item ai) have been added to the List of Materials for copper coatings of 10 mil minimum.

- a. Item ai – Rods, ground and Rods, ground, sectional
- b. New section added, **ai(1) – Rods, ground**
  - i. Minimum 10 mil copper coating.
  - ii. Must be Underwriters Laboratory (UL) listed and marked.
- c. New section added, **ai(3) – Rods, ground, sectional**
  - i. Minimum 10 mil copper coating
  - ii. Must be Underwriters Laboratory (UL) listed and marked.

**Note: As of May 23, 2011, RUS Telecom no longer publishes a List of Materials for Telecommunications.**



## COPPER-BONDED GROUND RODS

### Copper-Bonded Ground Rods

- Galvan's copper-bonded rods have a heavy, uniform coating of copper metallurgically bonded to a rigid steel core.
- Galvan color-codes the end of the rods to designate diameters to reduce errors.
- UL Listed rods have 10-mil minimum (254 microns) copper plating. UL/RUS models have 13-mil minimum of copper but 10-mil coating is acceptable.

- Meets NEMA GR-1
- Listed to UL-467 specification.
- Galvan manufactures copper-bonded rods under patent 6,527,934.
- Rods less than eight feet or less than 10 mils of copper, do not meet UL requirements, nor the National Electrical Code (NEC).
- RUS accepts 10 mils of copper. Please see page 5.
- Made in USA.**  **Veteran owned company.** 



| Catalog Number | Diameter X Length | Diameter X Length (metric) Approx. | Actual Diameter Inches | Matching Threadless Coupling | Sub & Master Bundle | Wt. Per 100 lb (kg) | NAED UPC No. 632591- | Color Code |
|----------------|-------------------|------------------------------------|------------------------|------------------------------|---------------------|---------------------|----------------------|------------|
| 5005           | 1/2" x 5'         | 12 mm x 1.5 m                      | 0.471-0.481            | —                            | 5 / 100             | 325 (148)           | 61125-1              | Green      |
| 5006           | 1/2" x 6'         | 12 mm x 1.8 m                      | 0.471-0.481            | —                            | 5 / 100             | 389 (177)           | 61126-8              | Green      |
| 5008L*         | 1/2" x 8'         | 12.8 mm x 2.4 m                    | 0.500-0.510            | 50-TC                        | 5 / 100             | 550 (250)           | 61138-1              | Orange     |
| 5009L*         | 1/2" x 9'         | 12.8 mm x 2.7 m                    | 0.500-0.510            | 50-TC                        | 5 / 100             | 615 (280)           | 61309-5              | N/A        |
| 5010L*         | 1/2" x 10'        | 12.8 mm x 3 m                      | 0.500-0.510            | 50-TC                        | 5 / 100             | 690 (313)           | 63130-3              | Orange     |
| 6256           | 5/8" x 6'         | 13.8 mm x 1.8 m                    | 0.539-0.549            | —                            | 5 / 100             | 480 (220)           | 61586-0              | Red        |
| 6256-10M       | 5/8" x 6'         | 14.2 mm x 1.8 m                    | 0.555-0.565            | 60-TC                        | 5 / 100             | 510 (231)           | 61527-3              | Copper     |
| 6258*          | 5/8" x 8'         | 14.2 mm x 2.4 m                    | 0.555-0.565            | 60-TC                        | 5 / 100             | 680 (308)           | 61588-4              | Copper     |
| 6258G13**      | 5/8" x 8'         | 14.2 mm x 2.4 m                    | 0.555-0.565            | 60-TC                        | 5 / 100             | 680 (308)           | 61217-3              | Yellow     |
| 6260G13**      | 5/8" x 10'        | 14.2 mm x 3 m                      | 0.555-0.565            | 60-TC                        | 5 / 100             | 850 (386)           | 61218-0              | Yellow     |
| 6260*          | 5/8" x 10'        | 14.2 mm x 3 m                      | 0.555-0.565            | 60-TC                        | 5 / 100             | 850 (386)           | 61580-8              | Copper     |
| 6260-CFE*      | 5/8" x 10'        | 15.9 mm x 3 m                      | 0.625-0.635            | —                            | 5 / 100             | 1080 (490)          | 61523-5              | Copper     |
| 6262*          | 5/8" x 12'        | 14.2 mm x 3.7 m                    | 0.555-0.565            | 60-TC                        | 5                   | 1030 (467)          | 61474-0              | Copper     |
| 6265*          | 5/8" x 15'        | 14.2 mm x 4.6 m                    | 0.555-0.565            | 60-TC                        | 5                   | 1290 (585)          | 61475-7              | Copper     |
| 7508*          | 3/4" x 8'         | 17.3 mm x 2.4 m                    | 0.673-0.683            | 70-TC                        | 5 / 50              | 1010 (459)          | 61548-8              | Black      |
| 7510*          | 3/4" x 10'        | 17.3 mm x 3 m                      | 0.673-0.683            | 70-TC                        | 5 / 50              | 1255 (569)          | 61340-8              | Black      |
| 7512*          | 3/4" x 12'        | 17.3 mm x 3.7 m                    | 0.673-0.683            | 70-TC                        | 5                   | 1495 (680)          | 61476-4              | Black      |
| 7515*          | 3/4" x 15'        | 17.3 mm x 4.6 m                    | 0.673-0.683            | 70-TC                        | 5                   | 1887 (856)          | 61477-1              | Black      |
| 1010*          | 1" x 10'          | 25.4 mm x 3 m                      | 0.907-0.917            | GRC-100GP                    | 3 / 50              | 2223 (1010)         | 61440-5              | N/A        |

**Notes:** \* These rods are UL Listed. \*\* These rods are UL and have 13 mils minimum of copper. RUS now accepts 10 mils of copper. Refer to page 5 for NEC, NESC and RUS code requirements. For exothermic welds, visit [www.thermoweld.com](http://www.thermoweld.com)

See galvanized UL vs. copper-bonded rods video at <https://galvanelectrical.com/product-video/>

### Copper-Bonded Sectional Ground Rods

- Threaded on both ends.
- Listed to UL-467 specification.
- RUS now accepts 10 mils of copper. Please see page 5.

- Meets NEMA GR-1
- Rods less than eight feet or less than 10 mils of copper, DO NOT meet UL requirements, nor the National Electrical Code (NEC).
- Made in USA.**  **Veteran owned company.** 



| Catalog Number | Diameter X Length | Diameter X Length (metric) Approx. | Actual Diameter Inches | Matching Coupling & Drive Stud | Sub & Master Bundle | Wt. Per 100 lb (kg) | NAED UPC No. 632591- | Color Code |
|----------------|-------------------|------------------------------------|------------------------|--------------------------------|---------------------|---------------------|----------------------|------------|
| 5008LS*        | 1/2" x 8'         | 12.8 mm x 2.4 m                    | 0.500-0.510            | 50-LC/50-LDS                   | 5 / 100             | 550 (250)           | 63138-9              | Orange     |
| 5010LS*        | 1/2" x 10'        | 12.8 mm x 3 m                      | 0.500-0.510            | 50-LC/50-LDS                   | 5 / 100             | 690 (313)           | 63130-3              | Orange     |
| 6258S*         | 5/8" x 8'         | 14.2 mm x 2.4 m                    | 0.555-0.565            | 60-C/60-DS                     | 5 / 100             | 680 (308)           | 63588-2              | Copper     |
| 6258G13S**     | 5/8" x 8'         | 14.2 mm x 2.4 m                    | 0.555-0.565            | 60-C/60-DS                     | 5 / 100             | 680 (308)           | 61121-3              | Copper     |
| 6260S*         | 5/8" x 10'        | 14.2 mm x 3 m                      | 0.555-0.565            | 60-C/60-DS                     | 5 / 100             | 850 (386)           | 63580-6              | Copper     |
| 6260G13S**     | 5/8" x 10'        | 14.2 mm x 3 m                      | 0.555-0.565            | 60-C/60-DS                     | 5 / 100             | 850 (386)           | 61491-7              | Copper     |
| 7506S          | 3/4" x 6'         | 17.3 mm x 1.8 m                    | 0.673-0.683            | 70-C/70-DS                     | 5 / 50              | 756 (343)           | 61525-9              | N/A        |
| 7506G13S       | 3/4" x 6'         | 17.3 mm x 1.8 m                    | 0.673-0.683            | 70-C/70-DS                     | 5 / 50              | 770 (350)           | 61524-2              | N/A        |
| 7508S*         | 3/4" x 8'         | 17.3 mm x 2.4 m                    | 0.673-0.683            | 70-C/70-DS                     | 5 / 50              | 1010 (459)          | 63348-2              | Black      |
| 7510S*         | 3/4" x 10'        | 17.3 mm x 3 m                      | 0.673-0.683            | 70-C/70-DS                     | 5 / 50              | 1255 (569)          | 63340-6              | Black      |
| 1010S*         | 1" x 10'          | 25.4 mm x 3 m                      | 0.907-0.917            | 80-C/80-DS                     | 25                  | 2223 (1010)         | 63440-3              | N/A        |

**Notes:** S Suffix-Denotes sectional ground rod. UNC threads. \* These rods are UL Listed. \*\* These rods meet UL and have 13 mils minimum of copper. RUS now accepts 10 mils of copper. Refer to page 5 for NEC, NESC and RUS code requirements. For exothermic welds, visit [www.thermoweld.com](http://www.thermoweld.com)

GALVAN INDUSTRIES, INC. **Electrical Products Division**, (704) 455-5102, [www.galvanelectrical.com](http://www.galvanelectrical.com)



## Hot Dip Galvanized Ground Rods

- Outstanding corrosion resistance; high-strength immersed in pure molten zinc forming a rust-proof barrier metallurgically bonded to substrate of steel.
- Minimum zinc thickness 3.9 mills (99.06 microns) per ASTM A-123.
- Meets NEMA GR-1.
- Stamped for inspectability and traceability.
- Galvan color-codes the end of the rods to designate diameters to reduce errors.

- Listed to UL 467 specifications.

- **Made in USA.** **Veteran owned company.**

**Notes: Rods less than 8' (96 inches) do not meet the requirements of UL, NESC nor NEC Codes.**

**Most competitors' galvanized grounds rods are NOT listed.**



| Catalog Number | Diameter X Length | Diameter X Length (metric) Approx. | Actual Diameter Inches | Rod Listing | Matching Coupling | Sub & Master Bundle | Wt. Per 100 lb (kg) | NAED UPC No. 632591- | Color Code |
|----------------|-------------------|------------------------------------|------------------------|-------------|-------------------|---------------------|---------------------|----------------------|------------|
| GR5005*        | 1/2" x 5'         | 12.4 mm x 1.5 m                    | 0.484-0.500            | N/A         | GRC-12G           | 10 / 100            | 320 (146)           | 70731-2              | Green      |
| GR5006         | 1/2" x 6'         | 12.8 mm x 1.8 m                    | 0.484-0.500            | N/A         | GRC-12G           | 10 / 100            | 385 (175)           | 70732-9              | Green      |
| GR5008         | 1/2" x 8'         | 12.8 mm x 2.4 m                    | 0.484-0.500            | N/A         | GRC-12G           | 10 / 100            | 511 (232)           | 70733-6              | Green      |
| GR6254F        | 5/8" x 4'         | 15.9 mm x 1.2 m                    | 0.625-0.640            | N/A         | GRC-625G          | 10 / 100            | 420 (191)           | 61526-6              | —          |
| GR6256         | 5/8" x 6'         | 14 mm x 1.8 m                      | 0.543-0.555            | N/A         | GRC-54G           | 5 / 100             | 475 (216)           | 70701-5              | —          |
| GR6256F        | 5/8" x 6'         | 15.9 mm x 1.8 m                    | 0.625-0.640            | N/A         | GRC-625G          | 5 / 100             | 630 (286)           | 61469-6              | Yellow     |
| GR6258         | 5/8" x 8'         | 14.2 mm x 2.4 m                    | 0.543-0.555            | UL          | GRC-54G           | 5 / 100             | 635 (288)           | 70702-2              | Copper     |
| GR6258F*       | 5/8" x 8'         | 15.9 mm x 2.4 m                    | 0.625-0.640            | UL          | GRC-625G          | 5 / 100             | 837 (380)           | 61407-8              | Yellow     |
| GR6250         | 5/8" x 10'        | 14 mm x 3 m                        | 0.543-0.555            | UL          | GRC-54G           | 5 / 100             | 790 (359)           | 70703-9              | Copper     |
| GR6250F*       | 5/8" x 10'        | 15.9 mm x 3 m                      | 0.625-0.640            | UL          | GRC-625G          | 5 / 100             | 1046 (475)          | 61468-9              | Yellow     |
| GR7508F*       | 3/4" x 8'         | 19.1 mm x 2.4 m                    | 0.750-0.765            | UL          | GRC-34G           | 5 / 50              | 1205 (547)          | 61478-8              | Black      |
| GR7510F        | 3/4" x 10'        | 19.1 mm x 3 m                      | 0.750-0.765            | UL          | GRC-34G           | 5 / 50              | 1505 (683)          | 61479-5              | Black      |
| GR1010F        | 1" x 10'          | 25.4 mm x 3 m                      | 1.000-1.140            | UL          | GRC-100G          | 5 / 25              | 2700 (1225)         | 61484-9              | —          |

**Notes:** \* RUS Listed  
For exothermic welds, visit [www.thermoweld.com](http://www.thermoweld.com)

See galvanized UL vs. copper-bonded rods video at <https://galvanelectrical.com/product-video/>

**Owners of all older homes should consider having their ground rods/electrodes replaced by a licensed electrician.**



### Updating Residential Grounding

This installation may have met code in years past, but now needs to be updated. The single electrode of undetermined length should be replaced with two code-compliant grounding electrodes, unless testing proves just one has a resistance to ground of 25 ohms or less. Otherwise, there is a good probability that the house isn't well grounded which could be a danger to life and property. Watch our video: [See video at https://galvanelectrical.com/product-video/](https://galvanelectrical.com/product-video/)



## STAINLESS STEEL GROUND RODS

### 304 Solid Stainless-Steel Ground Rods



- Ideal for corrosive environments
- Excellent longevity in most soils
- Meets NEMA GR-1.
- Stamped for inspectability and traceability.
- Listed to UL-467 specification.
- 316 Stainless available upon request.
- Made in USA.  Veteran owned company. 

| Catalog Number | Actual Diameter X Length | Diameter X Length (metric) Approx. | Diameter Inches | Rod Listing | Matching Coupling | Sub & Master Bundle | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|--------------------------|------------------------------------|-----------------|-------------|-------------------|---------------------|---------------------|----------------------|
| S6255 (304)    | 5/8" x 5'                | 14.2 mm x 1.5 m                    | 0.555-0.565     | N/A         | —                 | 5 / 25              | 430 (195)           | 61508-2              |
| S6258 (304)    | 5/8" x 8'                | 14.2 mm x 2.4 m                    | 0.555-0.565     | UL          | —                 | 5 / 25              | 690 (313)           | 61509-9              |
| S6260 (304)    | 5/8" x 10'               | 14.2 mm x 3 m                      | 0.555-0.565     | UL          | —                 | 5 / 25              | 860 (390)           | 61510-5              |
| S5008F (304)   | 1/2" x 8'                | 12.8 mm x 2.4 m                    | 0.500-0.515     | UL          | GRC-12SS          | 5 / 25              | 560 (255)           | 61511-2              |
| S5010F (304)   | 1/2" x 10'               | 12.8 mm x 3 m                      | 0.500-0.515     | UL          | GRC-12SS          | 5 / 25              | 700 (318)           | 61485-6              |
| S6258F* (304)  | 5/8" x 8'                | 15.9 mm x 2.4 m                    | 0.625-0.635     | UL          | GRC-58SS          | 5 / 25              | 850 (386)           | 70745-9              |
| S6260F (304)   | 5/8" x 10'               | 15.9 mm x 3 m                      | 0.625-0.635     | UL          | GRC-58SS          | 5 / 25              | 1060 (481)          | 70726-8              |
| S7508F* (304)  | 3/4" x 8'                | 19.05 mm x 2.4 m                   | 0.750-0.765     | UL          | GRC-34SS          | 5 / 25              | 1200 (544)          | 61483-2              |
| S7510F (304)   | 3/4" x 10'               | 19.05 mm x 3 m                     | 0.750-0.765     | UL          | GRC-34SS          | 5 / 25              | 1500 (680)          | 70734-3              |
| S1008F (304)   | 1" x 8'                  | 25.4 mm x 2.4 m                    | 1.000-1.020     | UL          | GRC-100SS         | 5 / 25              | 2160 (980)          | 61512-9              |
| S1010F (304)   | 1" x 10'                 | 25.4 mm x 3 m                      | 1.000-1.020     | UL          | GRC-100SS         | 5 / 25              | 2700 (1225)         | 70710-7              |

Notes: \* RUS Listed

### 304 Solid Stainless Steel Rods – Sectional



- Ideal for corrosive environments.
- Meets NEMA GR-1.
- 316 stainless available upon request. Contact factory.
- Excellent longevity in most soils.
- Stamped for inspectability and traceability.
- Listed to UL-467 specification.
- Made in USA.  Veteran owned company. 

| Catalog Number | Actual Diameter X Length | Diameter X Length (metric) Approx. | Diameter Inches | Rod Listing | Matching Coupling | Sub & Master Bundle | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|--------------------------|------------------------------------|-----------------|-------------|-------------------|---------------------|---------------------|----------------------|
| S6255S (304)   | 5/8" x 5'                | 14.2 mm x 1.5 m                    | 0.555-0.565     | N/A         | GRC-58SST         | 5 / 25              | 430 (195)           | 61513-6              |
| S6258S (304)   | 5/8" x 8'                | 14.2 mm x 2.4 m                    | 0.555-0.565     | UL          | GRC-58SST         | 5 / 25              | 690 (313)           | 61514-3              |
| S6260S (304)   | 5/8" x 10'               | 14.2 mm x 3 m                      | 0.555-0.565     | UL          | GRC-58SST         | 5 / 25              | 860 (390)           | 61515-0              |
| S6258SF (304)  | 5/8" x 8'                | 15.9 mm x 2.4 m                    | 0.610-0.640     | UL          | GRC-58SST         | 5 / 25              | 850 (386)           | 61496-2              |
| S6260SF (304)  | 5/8" x 10'               | 15.9 mm x 3 m                      | 0.610-0.640     | UL          | GRC-58SST         | 5 / 25              | 1060 (481)          | 70725-1              |
| S7508SF (304)  | 3/4" x 8'                | 19.05 mm x 2.4 m                   | 0.735-0.765     | UL          | GRC-34SST         | 5 / 25              | 1200 (544)          | 61486-3              |
| S7510SF (304)  | 3/4" x 10'               | 19.05 mm x 3 m                     | 0.735-0.765     | UL          | GRC-34SST         | 5 / 25              | 1500 (680)          | 70759-6              |
| S1008SF (304)  | 1" x 8'                  | 25.4 mm x 2.4 m                    | 0.985-1.015     | UL          | GRC-100SST        | 5 / 25              | 2160 (980)          | 61516-7              |
| S1010SF (304)  | 1" x 10'                 | 25.4 mm x 3 m                      | 0.985-1.015     | UL          | GRC-100SST        | 5 / 25              | 2700 (1225)         | 70711-4              |

Notes: \* RUS Listed. S Suffix-Denotes sectional ground rod. UNC threads

# SOLID COPPER AND PIGTAIL GROUND RODS



## Solid Copper Rods



- Listed to UL-467 specification.
- Manufactured from C11000 copper

- Excellent longevity in most soils.

- Made in USA. Veteran owned company.

| Catalog Number | Diameter X Length | Diameter X Length (metric) Approx. | Actual Diameter Inches | Rod Listing | Sub & Master Bundle | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|-------------------|------------------------------------|------------------------|-------------|---------------------|---------------------|----------------------|
| C5008          | 1/2" x 8'         | 12.8 mm x 2.4 m                    | 0.500-0.515            | UL          | 5 / 25              | —                   | 61517-4              |
| C5010          | 1/2" x 10'        | 12.8 mm x 3 m                      | 0.500-0.515            | UL          | 5 / 25              | —                   | 61518-1              |
| C6258          | 5/8" x 8'         | 15.9 mm x 2.4 m                    | 0.623-0.627            | UL          | 5 / 25              | 950 (431)           | 61488-7              |
| C6260          | 5/8" x 10'        | 15.9 mm x 3 m                      | 0.623-0.627            | UL          | 5 / 25              | 1190 (540)          | 61489-4              |
| C7508          | 3/4" x 8'         | 19.05 mm x 2.4 m                   | 0.748-0.752            | UL          | 5 / 25              | 1370 (621)          | 61519-8              |
| C7510          | 3/4" x 10'        | 19.05 mm x 3 m                     | 0.748-0.752            | UL          | 5 / 25              | 1710 (776)          | 61490-0              |
| C1008          | 1" x 8'           | 25.4 mm x 2.4 m                    | 0.998-1.002            | UL          | 5 / 25              | 2440 (1107)         | 61520-4              |
| C1010          | 1" x 10'          | 25.4 mm x 3 m                      | 0.998-1.002            | UL          | 5 / 25              | 3040 (1379)         | 61521-1              |

## Galvan Pigtail Ground Rods

Our pigtail rods make installation faster and safer. With Galvan pigtail ground rods, the grounding conductor is factory welded near the top of the rod, creating a permanent, corrosion-free bond. Galvan pigtail rods eliminate the safety hazards associated with exothermic welding in the field. They also reduce installation time.

- Solid or stranded ground wire brazed to copper-bonded or galvanized ground rod.
- Available in a wide variety of lengths and diameters.
- A superior alternative to exothermic welding in the field.
- Safety - installers do not have to worry about burns or inhaling chemical fumes from the welding process.
- Saves time in installation - no need to assemble molds or welding apparatus in the field.

### Benefits of Selling Galvan Pigtail Rods

- A safer solution for the installer.
- Cost savings.
- Successful product - record sales for pigtail rods.



- Made in USA. Veteran owned company.

Contact the factory for a quotation on copper-bonded or hot-dip galvanized pigtail rods. Provide rod type, size, wire type, gage and length. (Example: 5/8"x8' copper-bonded rod with 4' of #6 bare solid copper pigtail to be attached 6" from the top or drive end of the rod.)



## COPPER-BONDED GROUND ROD KITS

### Ground Rod Electrode Kit (Galvan #6258R-Kit)



#### Kit contains:

- One threaded 5/8" coupling
- Two 4-foot copper-bonded ground rod electrodes, threaded on one end of each rod
- One threaded 5/8" drive stud
- One 5/8" UL-Listed ground rod acorn clamp

See video at <https://galvanelectrical.com/product-video/>



#### Features

- Proper assembly fully complies with UL 467
- NEC and NESC compliant
- NEMA GR1 compliant when assembled
- Standard threaded assembly; only five parts
- No compression components
- Install from ground elevation, safe and easy
- Easy shipping and handling
- Total weight: 8 lbs
- NAED UPC No. 632591-61501-3
- **Made in USA.**
- **Veteran owned company.**

### Military Ground Rod Kit (Galvan # 6259M-Kit)

Type III, Class B 9-foot sectional ground rod for military use.

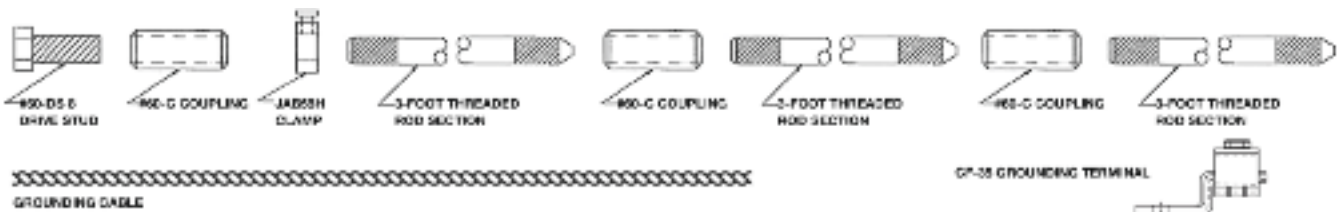


#### Kit contains:

- One (1) 60-DS-8 Drive Stud
- One (1) JAB58H ground rod clamp
- One (1) six-foot grounding cable of #6 stranded copper wire
- One (1) CF-35 ground terminal
- Three (3) 5/8" by 3' copper-bonded ground rod sections, threaded on one end, threaded and pointed on the other
- Three (3) 60-C threaded couplings

#### Features

- Standard threaded assembly, no compression components
- Install from ground elevation, safe and easy
- Total weight: 10 lbs
- **Made in USA.**
- **Veteran owned company.**





## Ground Rod Driver

- For 5/8" or 3/4" copper-bonded and galvanized rods.
- High-quality materials, design and construction.
- Drives flush or below grade.
- No ladder, no kneeling.
- Safer than hammers.
- No mushrooming of rods.
- Also drives rebar.
- BEST OF ALL – economical enough to have one on every truck in your fleet!
- **Made in USA.** 

| Catalog Number | Description                                                         | Maximum Rod Diameter (in.) | Pcs. Per Ctn. | Wt. (lbs.) | NAED UPC No. 632591- |
|----------------|---------------------------------------------------------------------|----------------------------|---------------|------------|----------------------|
| GRD-U          | Ground rod driver body with universal insert for 5/8" and 3/4" rods | .75                        | 1             | 23.0       | 61386-6              |
| GRDI-U         | Universal insert (replacement)                                      | .75                        | 1             | 6.0        | 61388-0              |
| CR             | cable retainer (replacement)                                        | N/A                        | 1             | -          | 61389-7              |



See video at <https://galvanelectrical.com/product-video/>

## Steel Ground Plates



- Manufactured from solid 0.25" steel.
- Available in galvanized or bare steel.
- **Made in USA.**  **Veteran owned company.** 
- 2 sq.-ft. surface area.
- Suffix "C" denotes with Galvan ground rod clamp.
- Minimum zinc thickness 3.9 mils (per ASTM A-123)

| Catalog Number | Description                     | Dimensions              | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- |
|----------------|---------------------------------|-------------------------|---------------|-------------|----------------------|
| GP-G*          | Galvanized Steel w/o connector  | 1/4" x 9-3/4" x 14-3/4" | 4             | 1150.0      | 61362-0              |
| GP-GC+         | Galvanized Steel with connector | 1/4" x 9-3/4" x 14-3/4" | 4             | 1160.0      | 61363-7              |
| GP-B           | Bare Steel w/o connector        | 1/4" x 9-3/4" x 14-3/4" | 4             | 1150.0      | 61364-4              |
| GP-BC          | Bare Steel with connector       | 1/4" x 9-3/4" x 14-3/4" | 4             | 1160.0      | 61365-1              |

**Notes:** Meets NEC Code 250.52.A.7 and NESC Code 094.B.3.C.

NEC 250.53.H required to be installed not less than 30 inches below surface of the earth.

NESC 094 B3C required to be installed at a depth of not less than five (5) feet.

NEC 250.53(2) requires two electrodes unless a single electrode has a resistance to earth of 25 ohms or less.

+ GP-GC UL Listed. Connectors for GP-GC are shipped in a separate box

\* GP-G Listed when used with #2AWG max conductor.



## GROUND ROD CLAMPS

### SRC Universal Ground Rod Clamp

- UL listed for copper-bonded, galvanized, and stainless steel ground rods, as per NEC 250.70.
- UL listed for #4, #5 and #6 rebar.
- UL listed for direct burial in earth and concrete with a stainless steel bolt.
- Performs the functions of economy, standard duty, heavy duty, and extra heavy duty.
- Able to withstand torque in excess of UL 467 requirements of 150 in/lb.
- RUS listed.
- **Made In USA.** 



One Clamp Fits 1/2", 5/8" and 3/4" Rod Diameters.

| Catalog Number | Ground Rod Size, Inches                                                      | Rod Diameter Metric (Approx.) | Rebar Size                                      | Wire Range AWG No. (CU)                                              | Carton & Master Pack | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------|----------------------------------------------------------------------|----------------------|---------------------|----------------------|
| SRC            | 1/2 (0.500) to 3/4 (0.750) For Copper-Bonded, Galvanized and Stainless Steel | 12.8 mm to 17.3 mm            | #4 (1/2 inch)<br>#5 (5/8 inch)<br>#6 (3/4 inch) | 10 AWG - 1/0                                                         | 50/400               | 16 (7.3)            | 61344-6              |
| SRC            | 3/4 F (0.750 - 0.765) Full Size Galvanized                                   | 19.1 mm                       |                                                 | 10 AWG Solid -<br>2 AWG Solid,<br>8 AWG Stranded -<br>1 AWG Stranded |                      |                     |                      |

See sales video at <https://galvanelectrical.com/product-video/>

### SRC-SS Stainless Steel Universal Ground Rod Clamp

- Made from 304 stainless steel.
- UL-Listed and marked for copper-bonded, galvanized, and stainless steel ground rods; also for #4, #5 and #6 (1/2", 5/8" and 3/4") rebar.
- UL-Listed in US and Canada for direct burial in earth and concrete.
- One size fits all.
- Patent pending.
- **Made In USA.** 



One Clamp Fits 3/8", 1/2", 5/8" and 3/4" Rod Diameters.

| Catalog Number | Rod Diameter | Rod Diameter (metric) Approx. | Conductor Range    | Master Pack | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |  |  |  |
|----------------|--------------|-------------------------------|--------------------|-------------|---------------------|----------------------|--|--|--|
| SRC-SS         | 3/8"         | 9.5 mm                        | 1/0 Str. - 10 Sol. | 100         | 9 (4.1)             | 61499-3              |  |  |  |
|                | 1/2"         | 12.8 mm                       |                    |             |                     |                      |  |  |  |
|                | 5/8"         | 14.2 mm                       | 1/0 Str. - 8 Sol.  |             |                     |                      |  |  |  |
|                | 3/4"         | 17.3 mm                       |                    |             |                     |                      |  |  |  |

**Notes:** When used with stainless steel ground rods, the wire range is #8 solid to #2 stranded.

### Ground Rod Clamps (Hex-Head Tin-Plated)

- Bronze alloy or stainless steel hardware approved for direct burial in earth and concrete.
- Cast copper alloy body tin-plated with hex head bolt provides simple trouble-free connection at low cost on galvanized ground rods.
- **Made In USA.** 



| Catalog Number | Rod Diameter | Rod Diameter (metric) Approx. | Conductor Range  | Sub & Master Pack | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|--------------|-------------------------------|------------------|-------------------|---------------------|----------------------|
| G3P (Non-UL)   | 3/8"         | 9.5 mm                        | 4 Str. - 10 Sol. | 100 / 800         | 6 (2.7)             | 61135-0              |
| G4P*           | 1/2"         | 12.8 mm                       | 2 Str. - 10 Sol. | 100 / 800         | 9 (4.1)             | 61219-7              |
| G5P*           | 5/8-1/2"     | 12.8 mm to 14.2 mm            | 2 Str. - 10 Sol. | 50 / 400          | 10 (4.5)            | 61220-3              |
| G6P            | 3/4"         | 17.3 mm                       | 2 Str. - 10 Sol. | 50 / 400          | 11 (5.0)            | 61221-0              |

**Notes:** \* RUS Listed and marked per RUS specification and traceability.

# GROUND ROD CLAMPS



## G-5 Ground Rod Clamps (Hex-Head)



- UL listed for copper-bonded, galvanized and stainless steel ground rod stamped on the clamp, as per NEC 250.70.
- UL listed for #4 (1/2" inch) rebar.
- UL listed for direct burial in earth and concrete with a stainless steel bolt.
- Cast copper alloy body with hex head bolt provides simple trouble-free connection at low cost.
- Able to withstand torque in excess of UL 467 requirements of 150 in/lb.
- **Made In USA.**

See sales video at <https://galvanelectrical.com/product-video/>

| Catalog Number | Ground Rod Size, Inches                                                      | Rod Diameter (metric) Approx. | Rebar Size     | Wire Range AWG No. (CU)                                    | Carton & Master Pack | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|------------------------------------------------------------------------------|-------------------------------|----------------|------------------------------------------------------------|----------------------|---------------------|----------------------|
| G-5            | 1/2 (0.500) to 5/8 (0.625) For Copper-Bonded, Galvanized and Stainless Steel | 12.8 mm to 15.9 mm            | #4 (1/2 inch), | 10 AWG - 2 AWG                                             | 50/400               | 10.0 (4.5)          | 70708-4              |
| G-5            | 5/8 UL Galvanized (0.539 to 0.555)                                           | 14.2 mm                       |                | 10 AWG - 2 AWG                                             |                      |                     |                      |
| G-5            | 5/8 F Full Size Galvanized (0.625 - 0.640)                                   | 15.9 mm                       |                | 10 AWG Solid- 2 AWG Solid, 10 AWG Stranded- 3 AWG Stranded |                      |                     |                      |

| Catalog Number | Rod Diameter | Rod Diameter (metric) Approx. | Sub & Conductor Range | Master Pack | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|--------------|-------------------------------|-----------------------|-------------|---------------------|----------------------|
| G-3 (Non-UL)   | 3/8"         | 9.5 mm                        | 4 Str. - 10 Sol.      | 100 / 800   | 6.0 (2.7)           | 70706-0              |
| G-4* (Use G-5) | 1/2"         | 12.8 mm                       | 2 Str. - 10 Sol.      | 100 / 800   | 9.0 (4.1)           | 70707-7              |
| G-6* (Use SRC) | 3/4"         | 17.3 mm                       | 2 Str. - 10 Sol.      | 50 / 400    | 11.0 (5.0)          | 70709-1              |

**Notes:** \*-These items UL and CSA Listed in US and Canada for direct burial in earth and concrete.  
-The G-6 fits all 3/4-inch diameter rods regardless of actual or nominal diameter.

## Heavy-Duty Ground Rod Clamps (Hex-Head)



- Bronze alloy or stainless steel hardware both UL listed approved for direct burial in earth and concrete.
- Ground connection is secured by long bearing surface of clamp on ground wire.
- High-strength corrosion-resistant copper alloy.
- All Heavy Duty clamps UL Listed for direct burial in earth and concrete.
- **Made In USA.**

| Catalog Number | Rod Diameter | Rod Diameter (metric) Approx. | Conductor Range   | Sub & Master Pack | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|--------------|-------------------------------|-------------------|-------------------|---------------------|----------------------|
| JAB12H         | 1/2"         | 12.8 mm                       | 2 Str. - 10 Sol.  | 100 / 800         | 12.0 (5.4)          | 70715-2              |
| <b>JAB58H</b>  | 5/8"         | 14.2 mm                       | 1/0 Str. - 8 Sol. | 50 / 400          | 13.0 (5.9)          | 70716-9              |
| JAB58HH*       | 5/8"         | 14.2 mm                       | 1/0 Str. - 8 Sol. | 50 / 400          | 14.0 (6.4)          | 61311-8              |
| JAB58HP        | 5/8"         | 14.2 mm                       | 1/0 Str. - 8 Sol. | 50 / 400          | 13.0 (5.9)          | 61502-0              |
| <b>JAB34H</b>  | 3/4"         | 17.3 mm                       | 1/0 Str. - 8 Sol. | 25 / 250          | 15.0 (6.8)          | 70717-6              |
| JAB34HH        | 3/4"         | 17.3 mm                       | 3/0 Str. - 8 Sol. | 25 / 200          | 17.0 (7.7)          | 61495-5              |
| JAB1H          | 1"           | 25.4 mm                       | 4/0 Str. - 8 Sol. | 50 / 400          | 25.0 (11.3)         | 70718-3              |

**Notes:** \*-HH represents "Heavy duty hex head design screw 1/2" - 13 threads with 9/16" hex head.  
-These items UL and CSA Listed except for JAB58HH and JAB34HH. JAB58H Listed for US and Canada - 7/16" -14 threads. -P designates tin plated.



## GROUND ROD COUPLINGS

Refer to ground rod part number  
for appropriate coupling

### Threadless Couplings for "Copper-Bonded" Rods - Cast Bronze



- Refer to ground rod part number for appropriate coupling.
- Made In USA.



| Catalog Number | Listing  | Ground Rod Diameter | Pcs. Per Ctn. | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|----------|---------------------|---------------|---------------------|----------------------|
| 50-TC*         | C-CSA-US | 1/2"                | 25            | 22.0 (10.0)         | 61344-6              |
| 60-TC**        | CSA/RUS  | 5/8"                | 25            | 25.0 (11.3)         | 70724-4              |
| 70-TC*         | UL/CSA   | 3/4"                | 10            | 40.0 (18.1)         | 61223-4              |
| GRC-100CP***   | NA       | 1"                  | 10            | 90.0 (40.1)         | 61498-6              |

**Notes:** \* For use with UL and/or CSA Listed copper-bonded rods only. \*\* For use with UL Listed copper-bonded rods only. \*\*\* This item copper plated steel and is not UL nor CSA listed.

### Threaded Couplings for "Copper-Bonded" Sectional Rods - Cast Bronze



- Refer to ground rod part number for appropriate coupling.
- UNC Threads.
- Made In USA.



| Catalog Number | Listing    | Ground Rod Diameter (threads) | Pcs. Per Ctn. | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|------------|-------------------------------|---------------|---------------------|----------------------|
| 50-LC*         | UL/CSA     | 1/2" (9/16"-12)               | 25            | 17.0 (7.7)          | 70735-0              |
| 60-C**         | UL/RUS/CSA | 5/8" (5/8"-11)                | 25            | 25.0 (11.3)         | 70720-6              |
| 70-C*          | UL/CSA     | 3/4" (3/4" - 10)              | 25            | 40.0 (18.1)         | 70721-3              |
| 80-C*          | UL/CSA     | 1" (1"-8)                     | 25            | 100.0 (45.4)        | 70722-0              |

**Notes:** \* UL and CSA Listed for US and Canada. \*\* UL, RUS and CSA Listed Made from high-strength corrosion-resistant copper alloy, tapped for use on all standard threaded sectional rods. Drive stud for threaded couplings on page 15.

### Threadless Couplings for "Hot-Dip Galvanized" Rods - Plated Steel



- Refer to ground rod part number for appropriate coupling.
- Made In USA.



| Catalog Number | Listing  | Ground Rod Diameter | Pcs. Per Ctn. | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|----------|---------------------|---------------|---------------------|----------------------|
| GRC-54G        | UL       | 5/8" - trade        | 100           | 30.0 (13.6)         | 61134-3              |
| GRC-625G       | C-CSA-US | 5/8" - full         | 100           | 30.0 (13.6)         | 61132-9              |
| GRC-34G        | C-CSA-US | 3/4"                | 25            | 38.0 (17.2)         | 61133-6              |
| GRC-100G       | C-CSA-US | 1"                  | 10            | 90.0 (40.1)         | 61492-4              |

**Notes:** GRC-54G use with Galvan part # GR6258 and all 5/8 in. trade size rods (0.539-0.555 in. diameter). GRC-625G use with all 5/8 inch full size rods (0.625-0.640 inch diameter) GRC-34G use with all 3/4 inch full size rods (0.750-0.769 inch diameter). \* UL-Listed for US and Canada

### Threadless Couplings for "Stainless Steel" Rods



- Material 303 -stainless steel.
- Refer to ground rod part number for appropriate coupling.
- Made In USA.



| Catalog Number | Listing  | Ground Rod Diameter | Pcs. Per Ctn. | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|----------|---------------------|---------------|---------------------|----------------------|
| GRC-58SS       | UL/CSA   | 5/8"                | 25            | 30.0 (13.6)         | 70683-4              |
| GRC-34SS       | C-CSA-US | 3/4"                | 25            | 38.0 (17.2)         | 70684-1              |
| GRC-100SS      | C-CSA-US | 1"                  | 25            | 90.0 (40.1)         | 61493-1              |

**Notes:** CSA Listed for US and Canada  
\* UL-Listed for US and Canada

### Threaded Couplings for "Stainless Steel" Rods



- Material 303 stainless steel.
- Refer to ground rod part number for appropriate coupling.
- UNC Threads.
- Made In USA.



| Catalog Number | Listing  | Ground Rod Diameter (threads) | Pcs. Per Ctn. | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|----------|-------------------------------|---------------|---------------------|----------------------|
| GRC-58SST      | UL/CSA   | 5/8" (5/8" - 11)              | 25            | 30 (13.6)           | 61122-0              |
| GRC-34SST      | C-CSA-US | 3/4" (3/4" - 10)              | 25            | 38 (17.2)           | 61123-7              |
| GRC-100SST     | C-CSA-US | 1" (1" - 8)                   | 25            | 90 (40.1)           | 61494-8              |

**Notes:** Listed by CSA for US and Canada. Drive stud for threaded couplings on page 15.  
\* UL-Listed for US and Canada

## INTERSYSTEM BONDING BRIDGE / ALUMINUM PIPE CLAMPS



### Drive Studs For Threaded Couplings For Use On Copper-Bonded and Stainless Steel Sectional Rods



| Catalog Number | Ground Rod Diameter (threads) | Pcs. Per Ctn. | Wt. Per 100 lb (kg) | NAED UPC No. 632591- |
|----------------|-------------------------------|---------------|---------------------|----------------------|
| 50-LDS         | 1/2" (9/16"-12)               | 10            | 16.0 (7.3)          | 70736-7              |
| 60-DS          | 5/8" (5/8"-11)                | 10            | 23.0 (10.4)         | 70728-2              |
| 70-DS          | 3/4" (3/4"-10)                | 10            | 35.0 (15.9)         | 70729-9              |
| 80-DS          | 1"(1"-8)                      | 10            | 75.0 (34.0)         | 70730-5              |

**Notes:** Drive studs are produced from high-strength steel and may be used with commercially available threaded couplings. UNC Threads.

### Intersystem Bonding Bridge



IBBZ



IBBCU

- Meets NEC 250.94 requirement for Intersystem Bonding Termination.
- Used in residential and commercial applications to ground up to four (4) systems to a single location.
- Lay-in style connection and good for up to four auxiliary ground wires. Available in die-cast zinc or copper alloy.
- Wide wire range, some connectors are UL for only #10-#14 awg. and only for sizes #6-#4 awg. on the main.
- Approved for use with **solid or stranded copper** conductors.
- Assembled with stainless steel screws and plastic cover.
- **Plastic cover snaps on – no screw to loose – and provides protection and an easy and aesthetically pleasing installation. Gray color matches panel board.**
- UL Listed.

| Catalog Number | Material     | Main Grounding Conductor Range | Auxiliary Ground Wire Range | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- |
|----------------|--------------|--------------------------------|-----------------------------|---------------|-------------|----------------------|
| IBBZ           | Zinc Alloy   | #6 - #2                        | #14 - #4                    | 10            | 42.0        | 61504-4              |
| IBBCU          | Copper Alloy | #6 - #2                        | #14 - #4                    | 10            | 67.0        | 61505-1              |

See video at <https://galvanelectrical.com/product-video/>

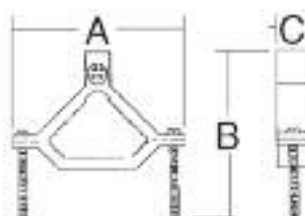
### Dual-rated Aluminum Ground Clamps

- For connecting ground conductor to steel or copper pipe or tubing.
- Tin plated for corrosion resistance.
- Dual-rated for copper or aluminum conductor.

| Catalog Number | Pipe Size   | Conductor Range | Pcs. Per Ctn. | Wt. Per 100 | Dimensions<br>A B C |      |      | NAED UPC No. 632591- |
|----------------|-------------|-----------------|---------------|-------------|---------------------|------|------|----------------------|
| GC1            | 1/2" - 1"   | 1/0-14          | 25            | 19.0        | 2.25                | 2.50 | 0.63 | 61132-9              |
| GC21           | 1-1/4" - 2" | 250-6           | 10            | 24.0        | 3.75                | 3.87 | 0.87 | 61133-6              |
| GC41           | 2-1/2" - 4" | 250-6           | 10            | 49.0        | 6.31                | 5.62 | 0.87 | 61134-3              |



E-76964





## PIPE GROUND CLAMPS

### Direct Burial Ground Clamp

- Constructed from bronze alloy and stainless-steel screws for direct burial in earth and concrete.
- Lay-In feature simplifies routing of conductor during installation.
- Combines several pipe-type clamps into a single inventory item.
- UL Listed for "direct burial" in earth and concrete.
- Represents a cost-reduction for distributor and end-user alike.
- Ideal for pool & spa bonding.



JRD  E198108

|            | Size      | Conductor Range | Sub & Master Pack | Wt. Per 100 | NAED UPC No. 632591- |
|------------|-----------|-----------------|-------------------|-------------|----------------------|
| Rebar Size | 3/8" - 1" | 10 Sol.-2 Str.  | 25/100            | 25.0        | 61327-9              |
| Pipe Size  | 1/2" - 1" | 10 Sol.-2 Str.  | 25/100            | 25.0        | 61327-9              |
| Rod Size   | 1/2" - 1" | 10 Sol.-2 Str.  | 25/100            | 25.0        | 61327-9              |

- One universal clamp for pipe, rebar, and ground rod.



JRD - 4/0  E198108

|            | Size      | Conductor Range    | Sub & Master Pack | Wt. Per 100 | NAED UPC No. 632591- |
|------------|-----------|--------------------|-------------------|-------------|----------------------|
| Rebar Size | 3/8" - 1" | #8 Str. - 4/0 Str. | 25/100            | 56.0        | 61470-2              |
| Pipe Size  | 1/2" - 1" | #8 Str. - 4/0 Str. | 25/100            | 56.0        | 61470-2              |
| Rod Size   | 1/2"-3/4" | #8 Str. - 4/0 Str. | 25/100            | 56.0        | 61470-2              |

### Bolted Water Pipe Ground Clamps

All clamps except DCG are manufactured from high-strength corrosion-resistant copper alloy.



 E117523

| Catalog Number                 | Pipe Size   | Conductor Range | Sub & Master Pack | Wt. Per 100 | NAED UPC No. 632591- |
|--------------------------------|-------------|-----------------|-------------------|-------------|----------------------|
| <b>COPPER ALLOY, UL LISTED</b> |             |                 |                   |             |                      |
| GC                             | 1/2" - 1"   | 10 Sol.-2 Str.  | 25/100            | 21.0        | 70739-8              |
| GC2                            | 1-1/4" - 2" | 10 Sol.-2 Str.  | 50                | 42.0        | 70741-1              |
| G2124                          | 2-1/2" - 4" | 10 Sol.-4 Str.  | 20                | 105.0       | 61266-1              |
| G4146                          | 4-1/4" - 6" | 10 Sol.-4 Str.  | 10                | 194.0       | 61226-5              |

| Catalog Number                     | Pipe Size | Conductor Range | Sub & Master Pack | Wt. Per 100 | NAED UPC No. 632591- |
|------------------------------------|-----------|-----------------|-------------------|-------------|----------------------|
| <b>COPPER ALLOY, NON UL LISTED</b> |           |                 |                   |             |                      |
| GCJ                                | 1/2" - 1" | 10 Sol.-2 Str.  | 25/100            | 16.0        | 70740-4              |

| Catalog Number                                                        | Pipe Size   | Conductor Range  | Sub & Master Pack | Wt. Per 100 | NAED UPC No. 632591- |
|-----------------------------------------------------------------------|-------------|------------------|-------------------|-------------|----------------------|
| <b>UL LISTED, DIRECT BURIAL WITH BRONZE OR STAINLESS STEEL SCREWS</b> |             |                  |                   |             |                      |
| JD                                                                    | 1/2" - 1"   | 10 Sol. - 2 Str. | 25/200            | 21.0        | 70758-9              |
| JD2                                                                   | 1-1/4" - 2" | 10 Sol. - 2 Str. | 50                | 48.0        | 61301-9              |

| Catalog Number                  | Pipe Size | Conductor Range | Sub & Master Pack | Wt. Per 100 | NAED UPC No. 632591- |
|---------------------------------|-----------|-----------------|-------------------|-------------|----------------------|
| <b>ZINC DIE CAST, UL LISTED</b> |           |                 |                   |             |                      |
| DCG                             | 1/2" - 1" | 8 Sol.-2 Str.   | 25/200            | 15.0        | 70744-2              |



## Ground Clamps for Rigid Conduit With Copper Strap

- Used to connect grounding conductor in rigid conduit to water pipe for grounding.
- Copper strap allows flexibility during grounding and helps protect conduit system from the effects of vibrations in water system.
- Available with 360° swing hub (GLH).
- Cast from high strength, highly conductive copper alloy.

| Catalog Number | Pipe Size | Pcs. Per Ctn. | Wt. Per 100 | Conduit Size | Technical Data |               | NAED UPC No. 632591- |
|----------------|-----------|---------------|-------------|--------------|----------------|---------------|----------------------|
|                |           |               |             |              | Min Wire Size  | Max Wire Size |                      |
| GC-11CSLH-1    | 1/2" - 1" | 35            | 54.0        | 1/2"         | 10 sol.        | 6 str.        | 61228-9              |
| GC-11CSLH-2    | 1/2" - 1" | 30            | 58.0        | 3/4"         | 10 sol.        | 2/0 str.      | 61230-2              |
| GC-11CSLH-3    | 1/2" - 1" | 30            | 68.0        | 1"           | 10 sol.        | 3/0 str.      | 61232-6              |



E88878



## Conduit Hubs

- Used with ground pipe clamp to connect rigid conduit to water pipe for grounding.
- 360° swing type hub provides flexibility connection.
- Cast from high strength, highly conductive copper alloy.



### Regular Type

| Catalog Number | Conduit Size | Pcs. Per Ctn. | Wt. Per 100 | Technical Data |               | NAED UPC No. 632591- |
|----------------|--------------|---------------|-------------|----------------|---------------|----------------------|
|                |              |               |             | Min Wire Size  | Max Wire Size |                      |
| GH-1           | 1/2"         | 150           | 11.0        | 8 sol.         | 4 str.        | 61260-9              |
| GH-2           | 3/4"         | 75            | 20.0        | 8 sol.         | 4 str.        | 61261-6              |
| GH-3           | 1"           | 50            | 25.0        | 8 sol.         | 4 str.        | 61262-3              |

### 360° Swing Hub

| Catalog Number | Conduit Size | Pcs. Per Ctn. | Wt. Per 100 | Technical Data |               | NAED UPC No. 632591- |
|----------------|--------------|---------------|-------------|----------------|---------------|----------------------|
|                |              |               |             | Min Wire Size  | Max Wire Size |                      |
| GLH-1          | 1/2"         | 50            | 20.0        | 10 sol.        | 6 str.        | 61263-0              |
| GLH-2          | 3/4"         | 50            | 29.0        | 10 sol.        | 2/0 str.      | 61264-7              |
| GLH-3          | 1"           | 25            | 31.0        | 10 sol.        | 3/0 str.      | 61265-4              |



E88878



## Ground Clamps For Rigid Conduit

- Used to connect grounding conductor in rigid conduit to water pipe for grounding.
- Available with zinc plated screws.
- Cast from high strength, highly conductive copper alloy.

### With Steel Screws

| Catalog Number | Pipe Size   | Pcs. Per Ctn. | Wt. Per 100 | Conduit Size | Technical Data |               | NAED UPC No. 632591- |
|----------------|-------------|---------------|-------------|--------------|----------------|---------------|----------------------|
|                |             |               |             |              | Min Wire Size  | Max Wire Size |                      |
| GC-61          | 1/2" - 1"   | 25            | 34.0        | 1/2"         | 8 Sol.         | 4 str.        | 61239-5              |
| GC-62          | 1/2" - 1"   | 25            | 40.0        | 3/4"         | 8 Sol.         | 4 str.        | 61240-1              |
| GC-63          | 1/2" - 1"   | 25            | 47.0        | 1"           | 8 Sol.         | 4 str.        | 61241-8              |
| GC-66          | 1-1/4" - 2" | 25            | 52.0        | 1/2"         | 8 Sol.         | 4 str.        | 61242-5              |
| GC-67          | 1-1/4" - 2" | 25            | 59.0        | 3/4"         | 8 Sol.         | 4 str.        | 61243-2              |
| GC-68          | 1-1/4" - 2" | 25            | 63.0        | 1"           | 8 Sol.         | 4 str.        | 61244-9              |



E88878





## PIPE GROUND CLAMPS

### Ground Clamps For Rigid Conduit with Swivel Hub

- Used to connect grounding conductor in rigid conduit to water pipe for grounding.
- Hub swings 360° for easy alignment.
- Assembled with zinc plated steel screws.
- Cast from high strength, highly conductive copper alloy.



E88878



| Catalog Number | Pipe Size   | Pcs. Per Ctn. | Wt. Per 100 | Conduit Size | Technical Data |               | NAED UPC No. 632591- |
|----------------|-------------|---------------|-------------|--------------|----------------|---------------|----------------------|
|                |             |               |             |              | Min Wire Size  | Max Wire Size |                      |
| GC-11LH-1      | 1/2" - 1"   | 25            | 41.0        | 1/2"         | 10 sol.        | 6 str.        | 61245-6              |
| GC-11LH-2      | 1/2" - 1"   | 25            | 50.0        | 3/4"         | 10 sol.        | 2/0 str.      | 61246-3              |
| GC-11LH-3      | 1/2" - 1"   | 25            | 55.0        | 1"           | 10 sol.        | 3/0 str.      | 61247-0              |
| GC-22LH-1      | 1-1/4" - 2" | 25            | 66.0        | 1/2"         | 10 sol.        | 6 str.        | 61248-7              |
| GC-22LH-2      | 1-1/4" - 2" | 25            | 69.0        | 3/4"         | 10 sol.        | 2/0 str.      | 61249-4              |
| GC-22LH-3      | 1-1/4" - 2" | 25            | 76.0        | 1"           | 10 sol.        | 3/0 str.      | 61250-0              |
| GC-4LH-1       | 2-1/2" - 4" | 10            | 124.0       | 1/2"         | 10 sol.        | 6 str.        | 61251-7              |
| GC-4LH-2       | 2-1/2" - 4" | 10            | 131.0       | 3/4"         | 10 sol.        | 2/0 str.      | 61252-4              |
| GC-4LH-3       | 2-1/2" - 4" | 10            | 133.0       | 1"           | 10 sol.        | 3/0 str.      | 61253-1              |

### Ground Clamps for Armored Cable 360° Swivel Type



E88878



| Catalog Number | Pipe Size    | Pcs. Per Ctn. | Wt. Per 100 | Technical Data |               | NAED UPC No. 632591- |
|----------------|--------------|---------------|-------------|----------------|---------------|----------------------|
|                |              |               |             | Min Wire Size  | Max Wire Size |                      |
| GC-11JA        | 1/2" to 1"   | 25            | 41.0        | 10 sol.        | 6 str.        | 61257-9              |
| GC-22JA        | 1-1/4" to 2" | 25            | 66.0        | 10 sol.        | 6 str.        | 61258-6              |

### Ground Clamps for Armored Cable

- Used to connect armored cable to water pipe for grounding.
- Special pressure bar grips armored cable insulation to decrease chances of grounding conductor being pulled out.
- Available with steel or bronze screws.
- Cast from high strength, highly conductive copper alloy.



E88878



#### With steel screws

| Catalog Number     | Pipe Size   | Pcs. Per Ctn. | Wt. Per 100 | Technical Data |               | NAED UPC No. 632591- |
|--------------------|-------------|---------------|-------------|----------------|---------------|----------------------|
|                    |             |               |             | Min Wire Size  | Max Wire Size |                      |
| GC-6               | 1/2" - 1"   | 25/250        | 27.0        | 8 sol.         | 4 str.        | 61233-3              |
| GC-7               | 1-1/4" - 2" | 25            | 48.0        | 8 sol.         | 4 str.        | 61235-7              |
| GC-71 <sup>s</sup> | 2-1/2" - 4" | 10            | 146.0       | 8 sol.         | 4 str.        | 61236-4              |
| GC-72 <sup>s</sup> | 4-1/2" - 6" | 10            | 192.0       | 8 sol.         | 4 str.        | 61237-1              |

#### With bronze screws for direct burial

| Catalog Number | Pipe Size | Pcs. Per Ctn. | Wt. Per 100 | Technical Data |               | NAED UPC No. 632591- |
|----------------|-----------|---------------|-------------|----------------|---------------|----------------------|
|                |           |               |             | Min Wire Size  | Max Wire Size |                      |
| GC-6D          | 1/2" - 1" | 25/250        | 28.0        | 8 Sol.         | 4 str.        | 61238-8              |

Notes: <sup>s</sup>-UL Listed



## Vise-Connector

- For main with tap
- One-piece, side loading.
- Cast copper.
- **Made in USA.** 



| Catalog Number | Conductor Range Tap/Main | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- |
|----------------|--------------------------|---------------|-------------|----------------------|
| VC-6SH*        | #10 Sol. - #6 Sol.Cu     | 100           | 9.0         | 70750-3              |
| VC-6SH-P*      | #10 Sol. - #6 Sol.Cu     | 100           | 9.0         | 71506-5              |
| VC-4           | #8 Sol. - #4 Sol.Cu      | 50            | 15.0        | 70751-0              |
| VC-2           | #6 Sol. - #2 Sol.Cu      | 50            | 18.0        | 70752-7              |
| VC-2S          | #5 Sol. - #2 Str.Cu      | 50            | 18.0        | 61355-2              |
| VC-20          | #4 Sol. - 1/0 Str.Cu     | 50            | 25.0        | 61356-9              |
| VC-20S         | #3 Sol. - 2/0 Str.Cu     | 20            | 36.0        | 61357-6              |
| VC-40          | #1 Sol. - 4/0 Str.Cu     | 10            | 41.0        | 61358-3              |

Notes: \* P = Plated \* SH= Slotted-Head Bolt

## Type TTC Transformer Tank Ground Connectors

- High-conductivity bronze.
- 1/2" - 13 stud fits all standard EEL- NEMA distribution transformers.
- Accommodates cable in either horizontal or vertical direction.
- P suffix indicates tin plated connector.
- **Made in USA.** 



Note: Galvan is a veteran owned company. 

| Catalog Number | Conductor Range    | Stud Thread Size | Dimensions |        |          | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- |
|----------------|--------------------|------------------|------------|--------|----------|---------------|-------------|----------------------|
|                |                    |                  | A-Length   | Width  | C-Height |               |             |                      |
| TTC-2          | 2/0 Str. to 8 Sol. | 1/2--13          | 1-51/64    | 1-9/64 | 1-21/64  | 100           | 22          | 61366-8              |
| TTC-3          | 1 Str. to 10 Sol.  | 1/2--13          | 1-3/8      | 1-3/64 | 1-9/16   | 100           | 20          | 61367-5              |
| TTC-4          | 1 Str. to 10 Sol.  | 1/2--13          | 1-1/4      | 7/8    | 1-3/8    | 100           | 16          | 61368-2              |
| TTC-2P         | 2/0 Str. to 8 Sol. | 1/2--13          | 1-51/64    | 1-9/64 | 1-21/64  | 100           | 22          | 61369-9              |
| TTC-3P         | 1 Str. to 10 Sol.  | 1/2--13          | 1-3/8      | 1-3/64 | 1-9/16   | 100           | 20          | 61370-5              |
| TTC-4P         | 1 Str. to 10 Sol.  | 1/2--13          | 1-1/4      | 7/8    | 1-3/8    | 100           | 16          | 61371-2              |

## Transformer Ground Connectors



- **Made in USA.** 

| Catalog Number | Conductor Range    | Stud Thread Size | Bolt      | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- |
|----------------|--------------------|------------------|-----------|---------------|-------------|----------------------|
| VC207          | 8 Sol. to 1/0 Str. | 1/2-13-UNC-2/4   | 9/16" Hex | 25            | 10          | 61372-9              |



## Type PAC Aluminum With Copper Liner

- Corrosion resistant design and construction.
- No assembly required.
- Cast aluminum body surrounds copper liner, sealing out moisture.
- Made in USA. 

| Catalog Number | Conductor Range |                       |                          | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- |
|----------------|-----------------|-----------------------|--------------------------|---------------|-------------|----------------------|
|                | ACSR            | Aluminum              | Copper                   |               |             |                      |
| PAC 345        | 1/0-8           | 1/0 Sol.-8 Str.       | 1/0 Sol.-8 Str.          | 50            | 23.0        | 61380-4              |
| PAC 7          | 336.4-1/0       | 400-2/0<br>1/0 - 6 AR | 1/0-8 Sol.<br>1/0 - 6 AR | 25            | 23.0        | 61379-8              |

**Note:** Add suffix "9" for prefilled with inhibitor



**Note:** Galvan is a veteran owned company. 

## Type DGC Drive-On Ground Clamp

| Catalog Number | Ground Rod Size     | Pieces/ Cartons | Wt. per 100 | Ground Wire Size       | NAED UPC No. 632591 |
|----------------|---------------------|-----------------|-------------|------------------------|---------------------|
| DGC-5844       | 5/8 (0.555 - 0.565) | 25              | 20.0        | 1 or 2 - #4 Sol.       | 61329-3             |
| DGC-5866       | 5/8 (0.555 - 0.565) | 25              | 20.0        | 1 or 2 - #6 Sol.       | 61330-9             |
| DGC-5846       | 5/8 (0.555 - 0.565) | 25              | 20.0        | 1 or 2 - #4 or #6 Sol. | 61522-8             |

- For use on all 5/8" diameter UL Listed copper-bonded ground rods.
- Used to bond one or two, #4 or #6, solid copper conductors respectively.
- Produced from high-strength copper alloy, the same material as UL Listed "acorn" type ground rod clamps.
- May be used effectively for direct-burial applications.
- To install, the only required tool is a hammer. Compression forces maximize the "direct" surface-to-surface copper contact between conductor and ground rod electrode.
- A drive-head should be used during installation of the ground rod electrode into the soil, thus minimizing any possible mushrooming or deformation on the drive (or chamfer) end of the rod. This will improve ease of installation of the drive-on clamp.
- This design places the grounding conductor in "direct" contact with the ground rod, thereby eliminating multiple paths for the current to follow, which could contribute to increased resistance.
- Made in USA. 

### To Install:

- Select the proper connector from the above chart.
- Drive the ground rod electrode to the proper depth per national or local code recommendations.
- Position connector and ground rod conductors as shown in middle illustration.
- Drive connector onto rod until top of connector is flush with top of ground rod as shown in adjacent illustration. Galvan suggests using a 20-ounce hammer.





## Parallel Groove Clamps

- Designed for easy installation, high conductivity and long life.
- Install with wrench (hex head) or pliers (square).



| Catalog Number | Galv Steel Strand | Copper Tap   | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- | Finish Description       |
|----------------|-------------------|--------------|---------------|-------------|----------------------|--------------------------|
| K1**           | 1/4"-7/16"        | #8 sol.- 2/0 | 100           | 16.0        | 70746-6              | Fully Plated/Tap-Grooved |
| K2             | 1/4"-7/16"        | #8 sol.- 2/0 | 100           | 16.0        | 70747-3              | Fully Plated             |
| K3             | 1/4"-7/16"        | #8 sol.- 2/0 | 100           | 16.0        | 70748-0              | Not Plated               |
| KUL*           | 1/4"-7/16"        | #8 sol.- 2/0 | 100           | 16.0        | 70749-7              | Fully Plated             |

Notes: \*Denotes UL Listed \*\* RUS Listed

Note: Galvan is a veteran owned company.

## Figure 8 Or IM Cable Insulation Piercing Connector

- Cast Bronze.
- Tin Plated.
- Teeth pierce messenger insulation.



| Catalog Number | Conductor Range                  | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- |
|----------------|----------------------------------|---------------|-------------|----------------------|
| CC167P         | .146-.312 cable to .146-.312 tap | 50            | 23.0        | 70753-4              |

Notes: Teeth puncture insulation during tightening for a positive ground without skinning conductor.

## Kenny Clamp

Galvan Kenny Clamps are your best choice to ensure that grounding electrode conductor installations are code compliant. The Kenny Clamp is UL-Listed for the bonding and grounding of electrode connectors in panel boards, pad mounts, dry-type transformers, metallic raceways and enclosures. Simply install Galvan's Kenny Clamp through a 1/2-inch knockout with paint removed, tighten the steel locknut, insert the grounding electrode through the clamp and tighten the compression nut. Your installation is now NEC Code compliant. The Kenny Clamp saves time and money compared to current non-compliant alternatives.

### Kenny Clamp

- Eliminates potential for a choke at the hole.
- Meets UL 467 for bonding/grounding.
- Meets UL 486A for connectors.
- Complies with NEC 110.3(B) and 250.8 (using listed grounding or bonding connector for proper application).
- Complies with NEC 250.64(E) (entering and exiting metallic raceways and enclosures).



| Catalog Number | Conductor Size | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- |
|----------------|----------------|---------------|-------------|----------------------|
| KCCA-8 sol.    | #8 solid       | 10            | 31.0        | 613927               |
| KCCA-8 str.    | #8 stranded    | 10            | 31.0        | 613934               |
| KCCA-6 sol.    | #6 solid       | 10            | 31.0        | 613941               |
| KCCA-6 str.    | #6 stranded    | 10            | 31.0        | 613958               |
| KCCA-4 sol.    | #4 solid       | 10            | 31.0        | 613965               |
| KCCA-4 str.    | #4 stranded    | 10            | 31.0        | 613972               |
| KCCA-2 str.    | #2 stranded    | 10            | 31.0        | 613989               |
| KCCA-1/0       | 1/0            | 10            | 31.0        | 613996               |
| KCCA-2/0       | 2/0            | 10            | 31.0        | 614009               |
| KCCA-3/0       | 3/0            | 10            | 31.0        | 614016               |
| KCCA-4/0       | 4/0            | 10            | 44.0        | 615082               |



## CONNECTORS - SPLIT BOLTS

### Type 'K' Copper Split Bolts

- For copper to copper connections.
- Bolt and nut of high strength corrosion resistant copper alloy.
- Tested and listed to UL 486A requirements.
- Direct Burial.
- **Made in USA.** 



| Catalog Number | Range of Equal Main & Tap Conductors | Pcs. Per Ctn. | Wt. Per 100 | Min Tap With One Max. Main | NAED UPC No. 632591- |
|----------------|--------------------------------------|---------------|-------------|----------------------------|----------------------|
| K-10           | 10 Str. - 12 Str.                    | 100           | 2.0         | 14 Sol.                    | 71322-1              |
| K-8            | 8 Str. - 10 Str.                     | 100           | 3.0         | 14 Sol.                    | 71335-1              |
| K-6*           | 6 Sol. - 8 Str.                      | 100           | 5.5         | 14 Sol.                    | 71333-7              |
| K-4            | 4 Sol. - 8 Str.                      | 100           | 7.0         | 14 Sol.                    | 71330-6              |
| K-1            | 2 Str. - 6 Str.                      | 100           | 15.0        | 14 Sol.                    | 71320-7              |
| K-1/0          | 1/0 Str. - 4 Str.                    | 50            | 19.0        | 14 Sol.                    | 71321-4              |
| K-2/0          | 2/0 Str. - 2 Str.                    | 25            | 30.0        | 14 Sol.                    | 71325-2              |
| K-3/0          | 3/0 Str. - 2 Str.                    | 25            | 34.0        | 14 Sol.                    | 71328-3              |
| K-250          | 250 Kcmil. - 1 Str.                  | 25            | 35.0        | 8 Sol.                     | 71326-9              |
| K-350          | 350 Kcmil. - 1/0                     | 12            | 77.0        | 1/0 Str.                   | 71329-0              |
| K-500          | 500 Kcmil. - 2/0                     | 12            | 90.0        | 2/0 Str.                   | 71332-0              |
| K-750          | 750 Kcmil. - 4/0                     | 6             | 195.0       | 4/0 Str.                   | 71334-4              |
| K-1000         | 1000 Kcmil. - 300 Kcmil.             | 6             | 280.0       | 4/0 Str.                   | 71323-8              |

**Notes:** \*RUS Listed UL Listed and CSA Certified for COPPER conductor only.

### Three Wire Split Bolts

- Accommodates 3 maximum size conductors.
- For copper to copper connections.
- Bolt and nut of high strength corrosion resistant copper alloy.

| Catalog Number | Range of Equal Main & Tap Conductors | Pcs. Per Ctn. | Wt. Per 100 | Min Tap With One Max. Main | NAED UPC No. 632591- |
|----------------|--------------------------------------|---------------|-------------|----------------------------|----------------------|
| K-2/3          | 2 Solid - #6 Str.                    | 100           | 10.0        | 14 Sol.                    | 61318-7              |
| K-4/3          | 4 Solid - #8 Str.                    | 100           | 7.50        | 14 Sol.                    | 61319-4              |
| K-6/3          | 6 Solid - #8 Str.                    | 100           | 6.00        | 14 Sol.                    | 61320-0              |



## Dual-Rated Aluminum Split Bolt Connectors

- For aluminum to aluminum, copper to aluminum and copper to copper.
- GALVAN aluminum split bolts made from high strength heat treated aluminum alloy that is highly resistant to corrosion.
- The design provides, under torque, high contact pressure between conductors.
- Meets requirements of the UL486B Standard.
- **Made in USA.** 



| Catalog Number | Max. Run To Min. Tap | Pcs. Per Ctn. | Wt. Per 100 | Min. Tap With One Max. Main | NAED UPC No. 632591- |
|----------------|----------------------|---------------|-------------|-----------------------------|----------------------|
| A-6            | 6 Str. - 10 Sol.     | 100           | 6.0         | 10 Sol.                     | 70860-9              |
| A-4            | 4 Str. - 10 Sol.     | 100           | 6.0         | 10 Sol.                     | 70857-9              |
| A-2            | 2 Str. - 8 Sol.      | 100           | 9.0         | 8 Sol.                      | 70853-1              |
| A-1/0          | 1/0 - 8 Sol.         | 50            | 11.0        | 4 Sol.                      | 70852-4              |
| A-2/0          | 2/0 - 8 Str.         | 25            | 17.0        | 4 Sol.                      | 70854-8              |
| A-4/0          | 4/0 - 6 Str.         | 30            | 25.0        | 2 Sol.                      | 70858-6              |
| A-350          | 350 Kcmil - 4 Str.   | 20            | 45.0        | 2 Str.                      | 70856-2              |
| A-500          | 500 Kcmil - 1 Str.   | 20            | 60.0        | 2 Str.                      | 70859-3              |

## Type 'S' Copper Split Bolts - Tin Plated with Spacer

- For use on copper, aluminum, and ACSR conductors.
- Bolt and pressure bar of copper alloy completely tin plated.
- Oxide inhibitor recommended when used on aluminum conductor.
- Tin plated, high strength copper alloy split bolt with spacer separates dissimilar conductors which allow you to connect: copper to copper; copper to aluminum; aluminum to aluminum.
- **Made in USA.** 

| Catalog Number | Range of Equal Main & Tap Conductors | Pcs. Per Ctn. | Wt. Per 100 | Min Tap With One Max. Main | NAED UPC No. 632591- |
|----------------|--------------------------------------|---------------|-------------|----------------------------|----------------------|
| S-6            | 6 Sol. - 12 Sol.                     | 100           | 8.0         | 12 Sol.                    | 71518-8              |
| S-4            | 4 Sol. - 10 Sol.                     | 100           | 11.0        | 12 Sol.                    | 71515-7              |
| S-2            | 2 Sol. - 10 Sol.                     | 100           | 15.0        | 8 Sol.                     | 71510-2              |
| S-1            | 2 Str. - 8 Str.                      | 100           | 18.0        | 8 Sol.                     | 71507-2              |
| S-1/0          | 1/0 - 10 Str.                        | 50            | 26.0        | 6 Sol.                     | 71508-9              |
| S-2/0          | 2/0 Str. - 8 Str.                    | 25            | 39.0        | 6 Sol.                     | 71511-9              |
| S-3/0          | 3/0 Str. - 8 Sol.                    | 25            | 45.0        | 4 Sol.                     | 71513-3              |
| S-250          | 250 Kcmil. - 8 Str.                  | 25            | 59.0        | 4 Sol.                     | 61285-2              |
| S-350          | 350 Kcmil. - 4 Str.                  | 12            | 86.0        | 2 Sol.                     | 71514-0              |
| S-500          | 500 Kcmil. - 2 Str.                  | 12            | 105.0       | 1/0 Str.                   | 71517-1              |



Copper only



Copper only

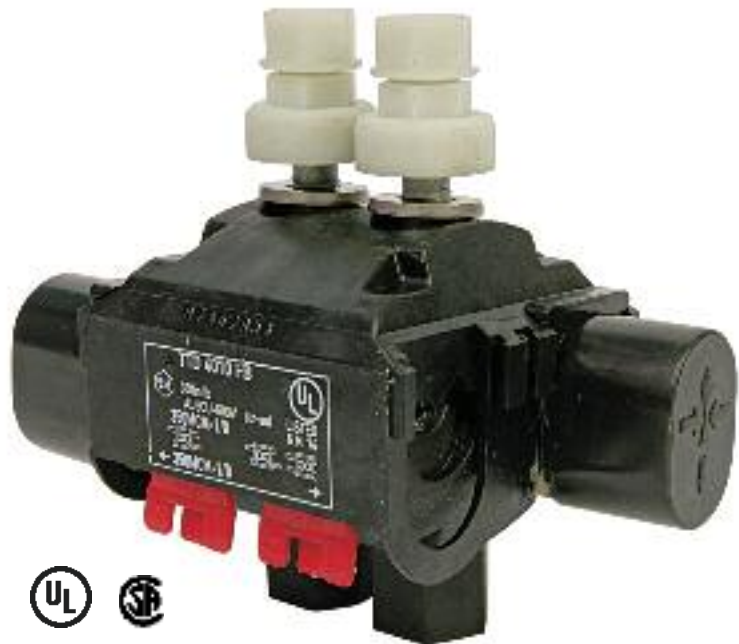


## CONNECTORS - INSULATION PIERCING

Galvan IPC Series connectors are an easy fit in copper-to-copper, copper-to-aluminum and aluminum-to-aluminum applications. Designed for splice or tap use, these units are not recommended for use with extra-flexible cables. The connectors are fully insulated and safe to install without special tools. IPC connectors eliminate time spent on wire stripping, taping and covers.

### Insulation Piercing Connectors-IPC

- Wire range: #14 AWG to 750 MCM.
- Versatile and reliable.
- Use only with insulated conductors.
- Installs without tape, stripping or cover.
- Easy one-person installation.
- UL 486B listed.
- Rated: 600 volts, 90° C.



E155274

| Catalog Number | Conductor Range |         | No. Of Bolts | Pieces Per Carton | Weight Per 100 | NAED UPC No. 632591- |
|----------------|-----------------|---------|--------------|-------------------|----------------|----------------------|
|                | Main AWG        | Tap AWG |              |                   |                |                      |
| IPC-1/0-2      | 1/0-8           | 2-10    | 1            | 6                 | 300.0          | 61453-5              |
| IPC-1/0-1/0    | 1/0-8           | 1/0-8   | 1            | 6                 | 30.0           | 61454-2              |
| IPC-2/0-10     | 2/0-4           | 10-14   | 1            | 6                 | 23.0           | 61456-9              |
| IPC-4/0-2      | 4/0-3           | 2-10    | 1            | 6                 | 26.0           | 61456-6              |
| IPC-4/0-2/0    | 4/0-2           | 2/0-6   | 1            | 4                 | 41.0           | 61457-3              |
| IPC-4/0-4/0    | 4/0-2           | 4/0-4   | 1            | 4                 | 43.0           | 61458-0              |
| IPC-350-350    | 350-1/0         | 350-1/0 | 2            | 2                 | 111.0          | 61459-7              |
| IPC-500-4/0    | 500-2/0         | 4/0-4   | 2            | 2                 | 116.0          | 61460-3              |
| IPC-500-350    | 500-4/0         | 350-1/0 | 2            | 2                 | 111.0          | 61461-0              |
| IPC-750-500    | 750-250         | 500-250 | 2            | 2                 | 166.0          | 61462-7              |



## Dual-Rated Aluminum Connectors

For use with both aluminum and copper conductors.

- **GALVAN** aluminum dual-rated connectors are manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity.
- They are dual-rated for both copper and aluminum conductors and are electro-tin plated to provide low contact resistance and protection against corrosion.
- Assembly can be made with only a screwdriver or allen wrench and the connectors are re-useable.



Fig. 1



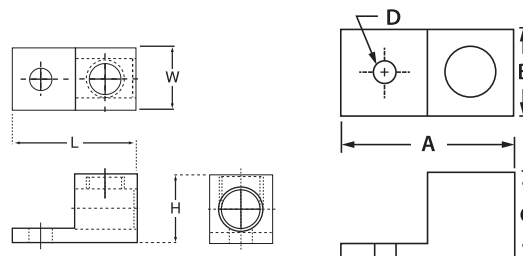
Fig. 2



Fig. 3



Fig. 4



| Catalog Number | Fig. No. | Conductor Range | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|----------|-----------------|---------------|-------------|------------|------|------|------|-----------|----------------------|
|                |          |                 |               |             | A          | B    | C    | D    |           |                      |
| LA-6           | 1        | 6-14            | 100           | 1.5         | 1.06       | 0.50 | 0.50 | 0.27 | 1/4       | 71403-7              |
| LA-2           | 1        | 2-14            | 100           | 2.0         | 1.06       | 0.50 | 0.56 | 0.27 | 1/4       | 71393-1              |
| LA-1/0         | 1        | 1/0-14          | 50            | 4.0         | 1.47       | 0.63 | 0.78 | 0.27 | 1/4       | 71386-3              |
| LA-2/0         | 2        | 2/0-14          | 50            | 5.0         | 1.47       | 0.63 | 0.78 | 0.27 | 1/4       | 71394-8              |
| LA-250         | 2        | 250-6           | 25            | 14.0        | 2.00       | 1.00 | 1.13 | 0.33 | 5/16      | 71395-5              |
| LA-350         | 2        | 350-6           | 25            | 20.0        | 2.25       | 1.13 | 1.25 | 0.41 | 3/8       | 71399-3              |
| LA-500         | 2        | 500-4           | 12            | 39.0        | 2.82       | 1.50 | 1.56 | 0.41 | 3/8       | 71402-0              |
| LA-600         | 2        | 600-2           | 12            | 45.0        | 2.82       | 1.50 | 1.56 | 0.41 | 3/8       | 71406-8              |
| LA-800         | 2        | 800-300         | 3             | 55.0        | 3.50       | 1.75 | 1.94 | 0.66 | 5/8       | 71408-2              |
| LA-1000        | 2        | 1000-500        | 3             | 65.0        | 3.50       | 1.75 | 1.94 | 0.66 | 5/8       | 71610-9              |
| L1M2-350*      | 3        | 350-6           | 6             | 25.0        | 4.25       | 1.25 | 1.38 | 0.53 | 1/2       | 71341-2              |
| L1M2-600*      | 3        | 600-2           | 3             | 50.0        | 4.69       | 1.50 | 1.50 | 0.53 | 1/2       | 71342-9              |
| L1D2-350*      | 4        | 350-6           | 3             | 35.0        | 5.31       | 1.50 | 1.50 | 0.53 | 1/2       | 71338-2              |
| L1D2-600*      | 4        | 600-2           | 3             | 50.0        | 5.31       | 1.50 | 1.50 | 0.53 | 1/2       | 71339-9              |
| L1D2-800*      | 4        | 800-300         | 3             | 100.0       | 6.18       | 1.88 | 1.88 | 0.53 | 1/2       | 71340-5              |
| L1D2-1000*     | 4        | 1000-500        | 3             | 105.0       | 6.18       | 1.88 | 1.88 | 0.53 | 1/2       | 71336-8              |

Notes: \*NEMA Hole Spacing of 1.75"

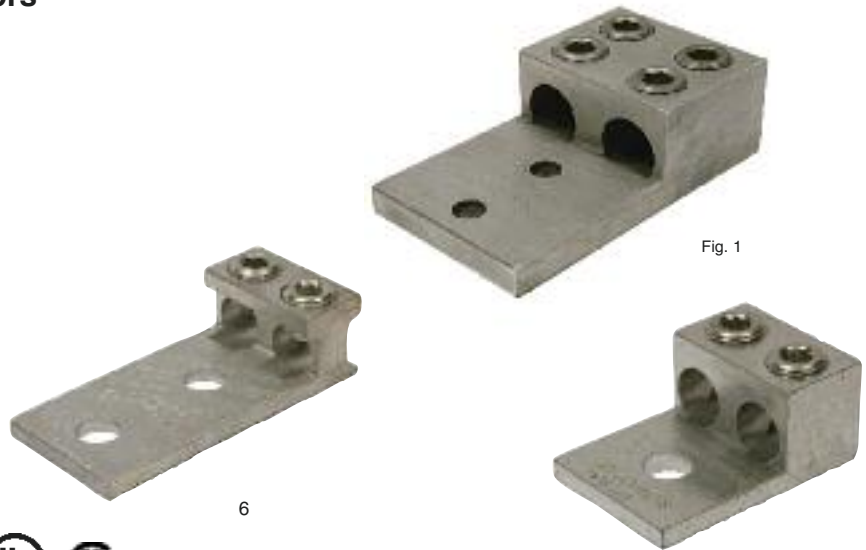


## CONNECTORS - GENERAL PURPOSE MECHANICAL

### Dual-Rated Aluminum Connectors

For use with both aluminum and copper conductors.

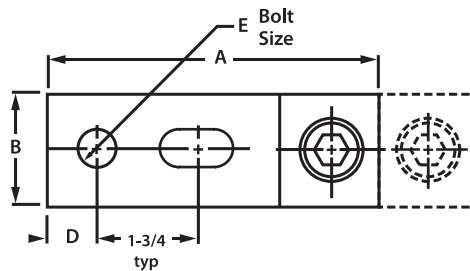
- **GALVAN** aluminum dual-rated connectors are manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity.
- They are dual-rated for both copper and aluminum conductors and are electro-tin plated to provide low contact resistance and protection against corrosion.
- Assembly can be made with only a screwdriver or allen wrench and the connectors are re-useable.



6

Fig. 1

Fig. 2



| Catalog Number | Fig. No. | Conductor Range | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|----------|-----------------|---------------|-------------|------------|------|------|------|------|-----------|----------------------|
|                |          |                 |               |             | A          | B    | C    | D    | E    |           |                      |
| DLA-1/0        | 2        | 1/0-14          | 12            | 8.0         | 1.47       | 1.13 | 0.78 | 0.28 | 0.27 | 1/4       | 71246-0              |
| DLA-2/0        | 2        | 2/0-14          | 12            | 9.0         | 1.47       | 1.25 | 0.79 | 0.28 | 0.27 | 1/4       | 71248-4              |
| DLA-250        | 2        | 250-6           | 6             | 25.0        | 2.56       | 1.63 | 1.19 | 0.41 | 0.41 | 3/8       | 71249-1              |
| DLA-350        | 2        | 350-6           | 6             | 30.0        | 2.88       | 1.94 | 1.25 | 0.56 | 0.53 | 1/2       | 71250-7              |
| DLA-600        | 2        | 600-2           | 3             | 50.0        | 3.19       | 2.41 | 1.56 | 0.56 | 0.53 | 1/2       | 71251-4              |
| DLA-800        | 2        | 800-300         | 3             | 110.0       | 3.50       | 3.50 | 1.94 | 0.56 | 0.66 | 5/8       | 71252-1              |
| DLA-1000       | 2        | 1000-500        | 3             | 110.0       | 3.50       | 3.50 | 1.94 | 0.56 | 0.66 | 5/8       | 71245-3              |
| L2M2-350       | 3        | 350-6           | 3             | 50.0        | 4.25       | 1.92 | 1.18 | 0.63 | 0.56 | 9/16      | 71347-4              |
| L2M2-500       | 3        | 500-2           | 3             | 97.0        | 4.59       | 2.40 | 1.56 | 0.63 | 0.56 | 9/16      | 61269-2              |
| L2M2-600       | 3        | 600-2           | 3             | 97.0        | 4.59       | 2.40 | 1.56 | 0.63 | 0.56 | 9/16      | 61270-8              |
| L2M2-1000      | 3        | 1000-500        | 3             | 134.0       | 4.94       | 3.50 | 1.94 | 0.63 | 0.66 | 5/8       | 61272-2              |
| L2D2-350*      | 1        | 350-6           | 3             | 85.0        | 4.25       | 2.31 | 1.38 | 0.56 | 0.56 | 9/16      | 71344-3              |
| L2D2-600*      | 1        | 600-2           | 3             | 134.0       | 5.31       | 2.75 | 1.50 | 0.56 | 0.56 | 9/16      | 71345-0              |
| L2D2-800*      | 1        | 800-300         | 3             | 200.0       | 6.19       | 3.50 | 1.88 | 0.56 | 0.56 | 9/16      | 71346-7              |
| L2D2-1000*     | 1        | 1000-500        | 3             | 210.0       | 6.19       | 3.50 | 1.88 | 0.56 | 0.56 | 9/16      | 71343-6              |

Notes: \*NEMA Hole Spacing of 1.75" center.



## Dual-Rated Aluminum Connectors

For use with both aluminum and copper conductors.

- **GALVAN** aluminum dual-rated connectors are manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity.
- They are dual-rated for both copper and aluminum conductors and are electro-tin plated to provide low contact resistance and protection against corrosion.
- Assembly can be made with only a screwdriver or allen wrench and the connectors are re-useable.



Fig. 1



Fig. 2



Fig. 3



Fig. 4



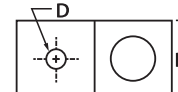
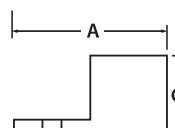
Fig. 5



Fig. 6



E26130



| Catalog Number | Fig. No. | Conductor Range | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|----------|-----------------|---------------|-------------|------------|------|------|------|-----------|----------------------|
|                |          |                 |               |             | A          | B    | C    | D    |           |                      |
| L3M2-1/0       | 1        | 1/0-14          | 6             | 27.0        | 2.91       | 2.00 | 0.88 | 0.53 | 1/2       | 71354-2              |
| L3M2-3/0       | 1        | 3/0-6           | 3             | 36.0        | 4.00       | 2.81 | 1.19 | 0.53 | 1/2       | 71356-6              |
| L3M2-250       | 1        | 250-6           | 3             | 52.0        | 4.00       | 3.00 | 1.19 | 0.53 | 1/2       | 71355-9              |
| L3M2-350       | 1        | 350-6           | 1             | 68.0        | 4.25       | 3.50 | 1.38 | 0.53 | 1/2       | 71357-3              |
| L3M2-500       | 1        | 500-4           | 1             | 127.0       | 4.25       | 3.75 | 1.53 | 0.53 | 1/2       | 71358-0              |
| L3D2-600       | 2        | 600-2           | 1             | 201.0       | 5.31       | 3.88 | 1.50 | 0.53 | 1/2       | 71349-8              |
| L3D2-800       | 2        | 800-300         | 1             | 211.0       | 6.19       | 4.94 | 1.88 | 0.53 | 1/2       | 71350-4              |
| L3D2-1000      | 2        | 1000-350        | 1             | 312.0       | 6.19       | 5.19 | 1.88 | 0.53 | 1/2       | 71348-1              |
| L3M4-1/0       | 3        | 1/0-14          | 6             | 27.0        | 2.59       | 2.00 | 0.88 | 0.53 | 1/2       | 71359-7              |
| L3M4-3/0       | 3        | 3/0-6           | 6             | 36.0        | 4.00       | 2.81 | 1.19 | 0.53 | 1/2       | 71362-7              |
| L3M4-250       | 3        | 250-6           | 3             | 50.0        | 4.00       | 3.00 | 1.19 | 0.53 | 1/2       | 71361-0              |
| L3M4-350       | 3        | 350-6           | 1             | 68.0        | 4.25       | 3.50 | 1.38 | 0.53 | 1/2       | 71363-4              |
| L3M4-500       | 3        | 500-4           | 1             | 110.0       | 4.25       | 3.75 | 1.53 | 0.53 | 1/2       | 71364-1              |
| L3D4-600       | 4        | 600-2           | 1             | 201.0       | 5.31       | 3.88 | 1.50 | 0.53 | 1/2       | 71352-8              |
| L3D4-800       | 4        | 800-300         | 1             | 211.0       | 6.19       | 4.94 | 1.88 | 0.53 | 1/2       | 71353-5              |
| L3D4-1000      | 4        | 1000-500        | 1             | 309.0       | 6.19       | 5.31 | 1.88 | 0.53 | 1/2       | 71351-1              |
| L4M4-250       | 5        | 250-6           | 1             | 67.0        | 4.00       | 4.06 | 1.19 | 0.53 | 1/2       | 71372-6              |
| L4M4-350       | 5        | 350-6           | 1             | 91.0        | 4.25       | 4.75 | 1.38 | 0.53 | 1/2       | 71373-3              |
| L4M4-500       | 5        | 500-4           | 1             | 268.0       | 4.25       | 5.00 | 1.53 | 0.53 | 1/2       |                      |
| L4D4-600       | 6        | 600-2           | 1             | 281.0       | 6.19       | 5.28 | 1.50 | 0.53 | 1/2       | 71366-5              |
| L4D4-800       | 6        | 800-300         | 1             | 284.0       | 6.19       | 6.63 | 1.88 | 0.53 | 1/2       | 71367-2              |
| L4D4-1000      | 6        | 1000-500        | 1             | 412.0       | 6.19       | 7.16 | 1.88 | 0.53 | 1/2       | 71365-8              |

Notes: \*NEMA Drilling 1 3/4" centers.



## CONNECTORS - ALUMINUM PANEL BOARD

### Dual-Rated Aluminum Connectors

For use with both aluminum and copper conductors

**GALVAN** aluminum dual-rated solderless connectors are manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity.

- The screws used to clamp the conductors are designed to extend beyond the barrel sides of the connector to allow a better, more secure compression of the conductor. This design spreads the conductor strands to help dissipate heat, and improve its pull out safety features and capabilities.
- The design of the wire way provides optimum transfer of current, creating a straight line flow through the connector for the least possible path of electrical resistance, plus a positive wire stop is provided.

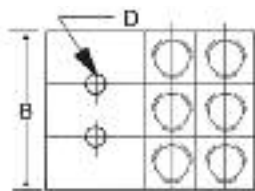
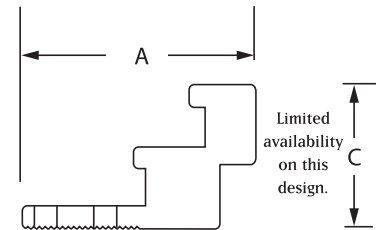
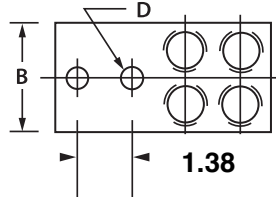


Fig. 5



| Catalog Number | Fig. No. | Conductor Range | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|----------|-----------------|---------------|-------------|------------|------|------|------|-----------|----------------------|
|                |          |                 |               |             | A          | B    | C    | D    |           |                      |
| PV2-300        | 1        | 300-6           | 3             | 30.0        | 3.00       | 1.00 | 2.00 | 0.31 | 1/4       | 71496-9              |
| 2ABV-600       | 2        | 600-2           | 2             | 90.0        | 4.90       | 1.50 | 3.00 | 0.41 | 3/8       | 71498-3              |
| 2ABV-750       | 2        | 750-1/0         | 2             | 90.0        | 4.90       | 1.56 | 3.00 | 0.41 | 3/8       | 71499-0              |
| 3ABV-500       | 3        | 500-4           | 2             | 150.0       | 4.90       | 2.50 | 3.00 | 0.41 | 3/8       | 71500-3              |
| 3ABV-600       | 3        | 600-2           | 2             | 150.0       | 4.90       | 2.50 | 3.00 | 0.41 | 3/8       | 71501-0              |
| 3ABV-750       | 3        | 750-1/0         | 2             | 150.0       | 4.90       | 2.84 | 3.00 | 0.41 | 3/8       | 71502-7              |
| 4ABV-500       | 4        | 500-4           | 2             | 159.0       | 4.90       | 2.50 | 3.00 | 0.41 | 3/8       | 71503-4              |
| 4ABV-600       | 4        | 600-2           | 2             | 159.0       | 4.90       | 2.50 | 3.00 | 0.41 | 3/8       | 71504-1              |
| 4ABV-750       | 4        | 750-1/0         | 2             | 159.0       | 4.90       | 2.84 | 3.00 | 0.41 | 3/8       | 71505-8              |
| 6ABV-500       | 5        | 500-2           | 2             | 205.0       | 4.90       | 3.94 | 3.00 | 0.41 | 3/8       | 61201-2              |
| 6ABV-750       | 5        | 750-1/0         | 2             | 205.0       | 4.90       | 3.94 | 3.00 | 0.41 | 3/8       | 71506-5              |



## Type “SR” Aluminum Splicers/Reducers

### Dual-Rated Aluminum Connectors

- For splicing copper to copper, copper to aluminum, and aluminum to aluminum conductors.
- Solid center barrier wall prevents contact between conductors.



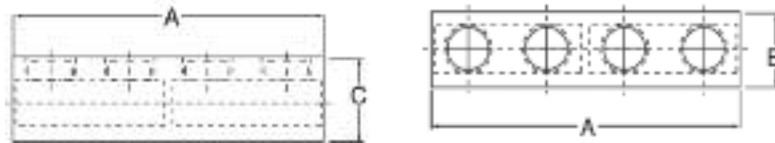
Fig. 1



Fig. 2



E26130



| Catalog Number | Fig. No. | Conductor Range | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      | NAED UPC No. 632591- |
|----------------|----------|-----------------|---------------|-------------|------------|------|------|----------------------|
|                |          |                 |               |             | A          | B    | C    |                      |
| SR-2           | 1        | 2-14            | 10            | 10.0        | 1.38       | 0.50 | 0.56 | 71579-9              |
| SR-0           | 1        | 1/0-14          | 10            | 12.0        | 1.91       | 0.75 | 0.75 | 71577-5              |
| SR-250         | 2        | 250-6           | 10            | 47.0        | 3.94       | 1.00 | 1.13 | 71580-5              |
| SR-350         | 2        | 350-6           | 10            | 50.0        | 4.19       | 1.13 | 1.19 | 71582-9              |
| SR-500         | 2        | 500-3/0         | 3             | 64.0        | 5.00       | 1.38 | 1.50 | 71583-6              |
| SR-750         | 2        | 750-250         | 2             | 90.0        | 6.25       | 1.63 | 1.75 | 71584-3              |



## CONNECTORS - LAY-IN

### LI-Ground Clamps: Dual-Rated Aluminum Connectors

- Made of 6061-T6 aluminum alloy.
- Tin-plated steel blade type set screw.
- Electro tin plated body to offer low contact resistance and corrosion protection.
- For use with both aluminum and copper conductors.
- Designed for use on conduit grounding bushings.
- Open faced design allows installer to quickly lay-in the grounding conductor as a jumper to multiple conduits with no break in ground conductor.
- Rated for 600v.
- Not approved for direct burial.



| Catalog Number | Fig. No. | Conductor Range | Pcs. Per Ctn. | Wt. Per 100 | Dimensions (in.) |      |      | Bolt Size | Height | Tang Thickness | NAED UPC No. 632591- |
|----------------|----------|-----------------|---------------|-------------|------------------|------|------|-----------|--------|----------------|----------------------|
|                |          |                 |               |             | A                | B    | C    |           |        |                |                      |
| LI-50-S        | 1        | 4-14            | 100           | 2.0         | 1.08             | 0.38 | 0.26 | 1/4       | 0.75   | 0.15           | 71415-0              |
| LI-112-S       | 1        | 1/0-14          | 50            | 4.0         | 1.50             | 0.60 | 0.26 | 1/4       | 1.17   | 0.22           | 71410-5              |
| LI-200-S       | 2        | 3/0-6           | 50            | 14.0        | 2.00             | 0.80 | 0.41 | 3/8       | 1.56   | 0.30           | 71412-9              |
| LI-252-S       | 2        | 250-6           | 25            | 16.0        | 2.20             | 0.80 | 0.41 | 3/8       | 1.79   | 0.30           | 71414-3              |

### Direct Burial Copper Lay-In Lug

- Made of copper alloy.
- For copper conductors.
- Stainless steel blade-type set screw.
- Open face design.
- Applications for solar and swimming pool grounding.
- Rated for 600v.
- Listed for direct burial in earth or concrete.
- Plated = tin plated.



| Catalog Number | Conductor Range | Dimensions (in.) |     |     | Bolt Size | Height | Tang Thickness | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- |
|----------------|-----------------|------------------|-----|-----|-----------|--------|----------------|---------------|-------------|----------------------|
|                |                 | A                | B   | C   |           |        |                |               |             |                      |
| LIC-50S        | 4-14            | .97              | .38 | .20 | 13/64     | .69    | .15            | 100           | 2.0         | 61466-5              |
| LIC-50S Plated | 4-14            | .97              | .38 | .20 | 13/64     | .69    | .15            | 100           | 2.0         | 61497-9              |

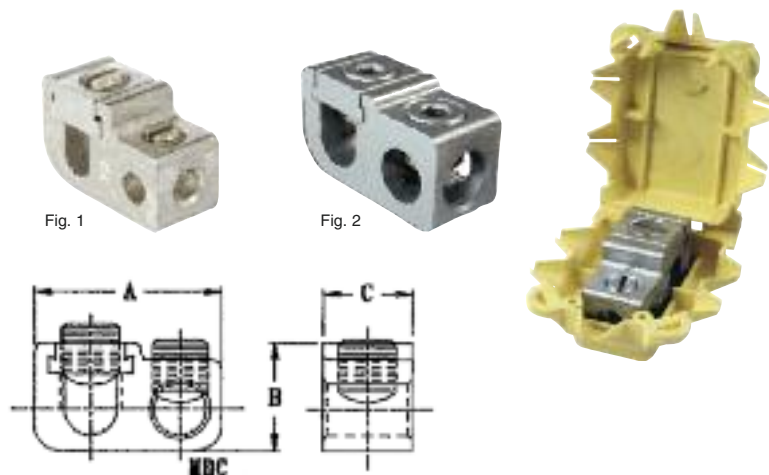


## Type GGPT : Dual-Rated Aluminum Connectors

For use with both aluminum and copper conductors.

### UL-486B Listed AL9CU (90°C Rated)

- **GALVAN** Parallel and Tee Taps are manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity.
- They are dual-rated for both copper and aluminum conductors and are electro-tin plated to provide low contact resistance and protection against corrosion.
- Only a screwdriver or allen wrench is needed for assembly.



| Catalog Number | Fig. No. | Cond. Range |        | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      | NAED UPC No. 632591- |
|----------------|----------|-------------|--------|---------------|-------------|------------|------|------|----------------------|
|                |          | Main        | Tap    |               |             | A          | B    | C    |                      |
| GGPT-2         | 1        | 2-12        | 4-14   | 50            | 4.0         | 1.39       | 0.88 | 0.63 | 71614-7              |
| GGPT-1/0       | 2        | 1/0-2       | 1/0-14 | 25            | 16.0        | 1.75       | 1.00 | 0.75 | 71615-4              |
| GGPT-250-0     | 2        | 250-1/0     | 1/0-14 | 25            | 16.0        | 2.03       | 1.31 | 1.06 | 71616-1              |
| GGPT-250-250   | 2        | 250-1/0     | 250-6  | 25            | 20.0        | 2.28       | 1.31 | 1.06 | 71617-8              |
| GGPT-350       | 2        | 350-4/0     | 350-6  | 12            | 20.0        | 2.56       | 1.44 | 1.25 | 71618-5              |
| GGPT-500       | 2        | 500-350     | 500-2  | 12            | 37.0        | 3.13       | 1.75 | 1.38 | 71619-2              |
| GGPT-750-500   | 2        | 750-500     | 500-2  | 6             | 54.0        | 3.38       | 2.00 | 1.50 | 71620-8              |

## Covers for GGPT

| Cover Catalog Number | Use with Connector | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      | NAED UPC No. 632591- |
|----------------------|--------------------|---------------|-------------|------------|------|------|----------------------|
|                      |                    |               |             | A          | B    | C    |                      |
| TC-2                 | GGPT-2             | 12            | 2.4         | 2.25       | 1.37 | 1.11 | 71589-8              |
| TC-1/0               | GGPT-1/0           | 12            | 4.0         | 2.61       | 2.17 | 1.26 | 71588-1              |
| TC-250               | GGPT-250           | 6             | 7.4         | 3.44       | 3.18 | 1.63 | 71590-4              |
| TC-350               | GGPT-350           | 6             | 8.4         | 3.76       | 3.29 | 1.76 | 71591-1              |
| TC-500               | GGPT-500           | 3             | 12.0        | 4.39       | 3.34 | 2.12 | 71592-8              |
| TC-750               | GGPT-750           | 3             | 14.0        | 4.55       | 3.45 | 2.34 | 71593-5              |



## CONNECTORS - MULTI-TAP

### PRE-INSULATED MULTI-TAP CONNECTORS



E9498

Galvan UV-rated pre-insulated multi-tap connectors are real timesavers for installers who work with line splicing, reducers and tap applications. Available in single-sided, double-sided and splice versions, the connectors don't require taping during installations. The PVC-covered connectors are enclosed in protective black Plastisol and filled with Penetrox™ oxide inhibitors to ensure greater contact resistance to moisture, chemicals and abrasion. The connectors' solid end caps protect against contamination.



ITO (offset)



IPLD (two-sided)



IPL (one-sided)



ISR (splice/reducer)

### Dual-Rated Multi-Tap Connectors

- Use with copper or aluminum conductors.
- Tape-free installs save time.
- 2 to 8 taps per connector.
- Reduces inventory size and costs.
- UL listed up to 600 MCM.
- CSA-certified to 600 volts, 90° C.
- Wire strip lengths: 5/8-inch to 1-1/8-inch.



## PRE-INSULATED MULTI-TAP CONNECTORS



E9498

| Catalog Number | Num. of Ports | Conductor Range (AWG/kcmil) | Dimensions (Inches) |      |      | Hex Key (Torque) (in.-lbs.) | Wire Strip Length(in.) | UPC            |
|----------------|---------------|-----------------------------|---------------------|------|------|-----------------------------|------------------------|----------------|
|                |               |                             | L                   | W    | H    |                             |                        |                |
| ITO-4          | 2             | #14-4                       | 1.16                | 1.50 | 1.25 | 1/8 (45)                    | 5/8                    | 632591-61449-8 |
| ITO-2/0        | 2             | #14-2/0                     | 1.52                | 1.56 | 1.38 | 3/16 (120)                  | 11/16                  | 632591-61450-4 |
| ITO-250        | 2             | #10-250                     | 2.03                | 2.64 | 2.13 | 5/16 (275)                  | 1                      | 632591-61451-1 |
| ISR-2          | 2             | #14-2                       | 2.38                | 0.75 | 1.22 | 5/32 (45)                   | 3/4                    | 632591-61409-2 |
| ISR-1/0        | 2             | #14-1/0                     | 2.91                | 0.91 | 1.38 | 3/16 (120)                  | 1                      | 632591-61410-8 |
| ISR-250        | 2             | #10-250                     | 4.01                | 1.19 | 2.10 | 5/16 (120)                  | 1-3/16                 | 632591-61411-5 |
| ISR-350        | 2             | #10-350                     | 4.63                | 1.34 | 2.35 | 5/16 (275)                  | 1-3/8                  | 632591-61412-2 |
| ISR-500        | 2             | #6-500                      | 5.00                | 1.62 | 2.62 | 3/8 (375)                   | 1-1/2                  | 632591-61413-9 |
| IPL4-2         | 2             | #14-4                       | 1.16                | 1.16 | 1.25 | 1/8 (45)                    | 5/8                    | 632591-61414-6 |
| IPL4-3         | 3             | #14-4                       | 1.59                | 1.25 | 1.25 | 1/8 (45)                    | 5/8                    | 632591-61415-3 |
| IPL4-4         | 4             | #14-4                       | 2.03                | 1.25 | 1.25 | 1/8 (45)                    | 5/8                    | 632591-61416-0 |
| IPL2/0-2       | 2             | #14-2/0                     | 1.52                | 1.40 | 1.38 | 3/16 (120)                  | 11/16                  | 632591-61417-7 |
| IPL2/0-3       | 3             | #14-2/0                     | 2.19                | 1.31 | 1.38 | 3/16 (120)                  | 11/16                  | 632591-61418-4 |
| IPL250-2       | 2             | #10-250                     | 2.03                | 2.07 | 2.13 | 5/16 (275)                  | 1                      | 632591-61420-7 |
| IPL250-3       | 3             | #10-250                     | 2.97                | 2.07 | 2.13 | 5/16 (275)                  | 1                      | 632591-61421-4 |
| IPL600-2       | 2             | #4-600                      | 2.72                | 2.38 | 2.75 | 3/8 (375)                   | 1-1/8                  | 632591-61423-8 |
| IPLD4-3        | 3             | #14-4                       | 1.59                | 1.50 | 1.25 | 1/8 (45)                    | 5/8                    | 632591-61425-2 |
| IPLD4-4        | 4             | #14-4                       | 2.03                | 1.50 | 1.25 | 1/8 (45)                    | 5/8                    | 632591-61426-9 |
| IPLD2/0-2      | 2             | #14-2/0                     | 1.52                | 1.56 | 1.25 | 3/16 (120)                  | 11/16                  | 632591-61427-6 |
| IPLD2/0-3      | 3             | #14-2/0                     | 2.19                | 1.56 | 1.25 | 3/16 (120)                  | 11/16                  | 632591-61428-3 |
| IPLD2/0-4      | 4             | #14-2/0                     | 2.86                | 1.56 | 1.25 | 3/16 (120)                  | 11/16                  | 632591-61429-0 |
| IPLD2/0-6      | 6             | #14-2/0                     | 4.20                | 1.56 | 1.25 | 3/16 (120)                  | 11/16                  | 632591-61430-6 |
| IPLD250-2      | 2             | #10-250                     | 2.03                | 2.64 | 2.13 | 5/16 (275)                  | 1                      | 632591-61431-3 |
| IPLD250-3      | 3             | #10-250                     | 2.97                | 2.64 | 2.13 | 5/16 (275)                  | 1                      | 632591-61432-0 |
| IPLD250-4      | 4             | #10-250                     | 3.91                | 2.64 | 2.13 | 5/16 (275)                  | 1                      | 632591-61433-7 |
| IPLD250-6      | 6             | #10-250                     | 5.78                | 2.64 | 2.13 | 5/16 (275)                  | 1                      | 632591-61434-4 |
| IPLD350-2      | 2             | #10-350                     | 2.22                | 3.00 | 2.50 | 5/16 (375)                  | 1-1/8                  | 632591-61436-8 |
| IPLD350-3      | 3             | #10-350                     | 3.13                | 3.00 | 2.50 | 5/16 (375)                  | 1-1/8                  | 632591-61437-5 |
| IPLD350-4      | 4             | #10-350                     | 4.04                | 3.00 | 2.50 | 5/16 (375)                  | 1-1/8                  | 632591-61438-2 |
| IPLD350-6      | 6             | #10-350                     | 5.86                | 3.00 | 2.50 | 5/16 (375)                  | 1-1/8                  | 632591-61439-9 |
| IPLD350-8      | 8             | #10-350                     | 7.68                | 3.00 | 2.50 | 5/16 (375)                  | 1-1/8                  | 632591-61441-2 |
| IPLD600-2      | 2             | #4-600                      | 2.56                | 3.00 | 2.75 | 3/8 (375)                   | 1-1/8                  | 632591-61443-6 |
| IPLD600-3      | 3             | #4-600                      | 3.77                | 3.00 | 2.75 | 3/8 (375)                   | 1-1/8                  | 632591-61444-3 |
| IPLD600-4      | 4             | #4-600                      | 4.97                | 3.00 | 2.75 | 3/8 (375)                   | 1-1/8                  | 632591-61445-0 |
| IPLD600-5      | 5             | #4-600                      | 6.17                | 3.00 | 2.75 | 3/8 (375)                   | 1-1/8                  | 632591-61446-7 |
| IPLD600-6      | 6             | #4-600                      | 7.37                | 3.00 | 2.75 | 3/8 (375)                   | 1-1/8                  | 632591-61447-4 |
| IPLD600-8      | 8             | #4-600                      | 9.78                | 3.00 | 2.75 | 3/8 (375)                   | 1-1/8                  | 632591-61448-1 |



## CONNECTORS - ALUMINUM COMPRESSION

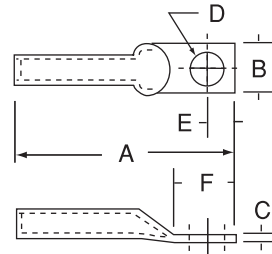
### Dual-Rated Compression Connectors

For use with both aluminum and copper conductors.

- GALVAN aluminum compression connectors and splices are manufactured from high conductivity 1350 alloy aluminum seamless tubing.
- Tin plated and prefilled with oxide inhibitor.



E9999



| Catalog Number | Die Color | Conductor Size | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|-----------|----------------|---------------|-------------|------------|------|------|------|------|------|-----------|----------------------|
|                |           |                |               |             | A          | B    | C    | D    | E    | F    |           |                      |
| CLA8-25        | Blue      | 8              | 20            | 0.8         | 1.81       | 0.63 | 0.09 | 0.28 | 0.31 | 0.81 | 1/4       | 71189-0              |
| CLA6-25        | Gray      | 6              | 20            | 0.9         | 1.93       | 0.53 | 0.12 | 0.28 | 0.31 | 0.75 | 1/4       | 71184-5              |
| CLA6-31        | Gray      | 6              | 20            | 0.9         | 1.93       | 0.53 | 0.12 | 0.34 | 0.38 | 0.75 | 5/16      | 71185-2              |
| CLA6-38        | Gray      | 6              | 20            | 0.9         | 1.93       | 0.53 | 0.12 | 0.41 | 0.38 | 0.75 | 3/8       | 71186-9              |
| CLA4-25        | Green     | 4              | 20            | 1.7         | 2.31       | 0.65 | 0.15 | 0.28 | 0.38 | 0.88 | 1/4       | 71173-9              |
| CLA4-31        | Green     | 4              | 20            | 1.7         | 2.31       | 0.65 | 0.15 | 0.34 | 0.38 | 0.88 | 5/16      | 71174-6              |
| CLA4-38        | Green     | 4              | 20            | 1.7         | 2.31       | 0.65 | 0.15 | 0.41 | 0.38 | 0.88 | 3/8       | 71175-3              |
| CLA2-25        | Pink      | 2              | 20            | 2.6         | 2.50       | 0.68 | 0.17 | 0.28 | 0.38 | 0.88 | 1/4       | 71157-9              |
| CLA2-31        | Pink      | 2              | 20            | 2.6         | 2.50       | 0.68 | 0.17 | 0.34 | 0.38 | 0.88 | 5/16      | 71158-6              |
| CLA1-25        | Gold      | 1              | 10            | 3.1         | 2.50       | 0.78 | 0.17 | 0.28 | 0.38 | 0.88 | 1/4       | 71150-0              |
| CLA1-31        | Gold      | 1              | 10            | 3.1         | 2.50       | 0.78 | 0.17 | 0.34 | 0.38 | 0.88 | 5/16      | 71151-7              |
| CLA1-38        | Gold      | 1              | 10            | 3.1         | 2.50       | 0.78 | 0.17 | 0.41 | 0.38 | 0.88 | 3/8       | 71152-4              |
| CLA1/0-25      | Tan       | 1/0            | 10            | 4.2         | 2.81       | 0.84 | 0.20 | 0.28 | 0.50 | 0.93 | 1/4       | 71153-1              |
| CLA1/0-31      | Tan       | 1/0            | 10            | 4.2         | 2.81       | 0.84 | 0.20 | 0.34 | 0.50 | 0.93 | 5/16      | 71154-8              |
| CLA1/0-38      | Tan       | 1/0            | 10            | 4.2         | 2.81       | 0.84 | 0.20 | 0.41 | 0.50 | 0.93 | 3/8       | 71155-5              |
| CLA1/0-50      | Tan       | 1/0            | 10            | 4.2         | 2.81       | 0.84 | 0.20 | 0.41 | 0.50 | 0.93 | 3/8       | 71156-2              |
| CLA2/0-38      | Olive     | 2/0            | 10            | 5.5         | 2.81       | 0.93 | 0.22 | 0.41 | 0.50 | 1.12 | 3/8       | 71163-0              |
| CLA3/0-31      | Ruby      | 3/0            | 10            | 7.4         | 3.00       | 1.06 | 0.24 | 0.34 | 0.50 | 1.12 | 5/16      | 71167-8              |
| CLA3/0-38      | Ruby      | 3/0            | 10            | 7.4         | 3.00       | 1.06 | 0.24 | 0.41 | 0.50 | 1.12 | 3/8       | 71168-5              |
| CLA4/0-38      | White     | 4/0            | 10            | 11.5        | 3.43       | 1.18 | 0.29 | 0.41 | 0.56 | 1.31 | 3/8       | 71178-4              |
| CLA4/0-50      | White     | 4/0            | 10            | 11.5        | 3.43       | 1.18 | 0.29 | 0.41 | 0.56 | 1.31 | 3/8       | 71179-1              |
| CLA250-50      | Red       | 250            | 5             | 17.0        | 3.50       | 1.43 | 0.32 | 0.56 | 0.63 | 1.31 | 1/2       | 71165-4              |
| CLA300-38      | Blue      | 300            | 5             | 20.0        | 4.00       | 1.43 | 0.35 | 0.41 | 0.63 | 1.50 | 3/8       | 71169-2              |
| CLA300-50      | Blue      | 300            | 5             | 20.0        | 4.00       | 1.43 | 0.35 | 0.56 | 0.63 | 1.50 | 1/2       | 71170-8              |
| CLA350-50      | Brown     | 350            | 3             | 27.0        | 4.25       | 1.50 | 0.38 | 0.56 | 0.69 | 1.50 | 1/2       | 71172-2              |
| CLA400-50      | Green     | 400            | 3             | 33.0        | 4.68       | 1.50 | 0.42 | 0.56 | 0.69 | 1.50 | 1/2       | 71181-4              |
| CLA500-50      | Pink      | 500            | 3             | 39.0        | 4.75       | 1.78 | 0.47 | 0.56 | 0.75 | 1.50 | 1/2       | 71183-8              |
| CLA600-62      | Black     | 600            | 3             | 53.0        | 5.12       | 1.96 | 0.51 | 0.69 | 0.75 | 1.87 | 5/8       | 71187-6              |
| CLA750-62      | Yellow    | 750            | 3             | 64.0        | 6.12       | 2.18 | 0.55 | 0.69 | 0.94 | 2.00 | 5/8       | 71188-3              |

**Notes:** UL Listed and CSA Certified for 600 Volts when installed with approved tools and dies. Can be used for high voltage applications up to 35 KV provided proper high voltage installation and insulation techniques are employed.

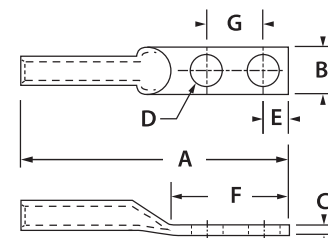
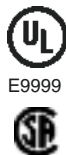
# CONNECTORS - ALUMINUM COMPRESSION AND SPLICES



## Dual-Rated Compression Connectors - 2 Hole Long Barrel

For use with both aluminum and copper conductors.

- GALVAN aluminum compression connectors and splices are manufactured from high strength 1350 alloy aluminum seamless tubing.
- Tin plated and prefilled with oxide inhibitor.



| Catalog Number | Die Color | Conductor Size | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|-----------|----------------|---------------|-------------|------------|------|------|------|------|------|------|-----------|----------------------|
|                |           |                |               |             | A          | B    | C    | D    | E    | F    | G    |           |                      |
| 2CLA1/0-50     | Tan       | 1/0            | 10            | 7.5         | 3.50       | 0.84 | 0.20 | 0.56 | 0.50 | 1.87 | 1.00 | 1/2       | -                    |
| 2CLA2/0-50     | Olive     | 2/0            | 10            | 12.0        | 4.80       | 0.93 | 0.22 | 0.56 | 0.63 | 3.12 | 1.75 | 1/2       | 70791-6              |
| 2CLA3/0-50     | Ruby      | 3/0            | 10            | 16.0        | 5.00       | 1.06 | 0.24 | 0.56 | 0.63 | 3.12 | 1.75 | 1/2       | 70793-0              |
| 2CLA4/0-50     | White     | 4/0            | 10            | 20.0        | 5.25       | 1.18 | 0.29 | 0.56 | 0.63 | 3.12 | 1.75 | 1/2       | 70797-8              |
| 2CLA250-50     | Red       | 250            | 5             | 25.0        | 5.31       | 1.28 | 0.32 | 0.56 | 0.63 | 3.12 | 1.75 | 1/2       | 70792-3              |
| 2CLA300-50     | Blue      | 300            | 3             | 30.0        | 5.50       | 1.40 | 0.35 | 0.56 | 0.63 | 3.12 | 1.75 | 1/2       | 70794-7              |
| 2CLA350-50     | Brown     | 350            | 3             | 35.0        | 5.87       | 1.50 | 0.38 | 0.56 | 0.63 | 3.12 | 1.75 | 1/2       | 70795-4              |
| 2CLA400-50     | Green     | 400            | 3             | 52.0        | 6.43       | 1.62 | 0.42 | 0.56 | 0.63 | 3.12 | 1.75 | 1/2       | 70798-5              |
| 2CLA500-50     | Pink      | 500            | 3             | 61.0        | 6.50       | 1.78 | 0.47 | 0.56 | 0.63 | 3.12 | 1.75 | 1/2       | 70800-5              |
| 2CLA600-50     | Black     | 600            | 3             | 86.0        | 6.75       | 1.96 | 0.51 | 0.56 | 0.63 | 3.12 | 1.75 | 1/2       | 70801-2              |
| 2CLA750-50     | Yellow    | 750            | 3             | 96.0        | 7.37       | 2.18 | 0.55 | 0.56 | 0.63 | 3.12 | 1.75 | 1/2       | 70802-9              |
| 2CLA1000-50    | --        | 1000           | 1             | 107.0       | 7.78       | 2.50 | 0.50 | 0.56 | 0.75 | 3.00 | 1.75 | 1/2       | 61274-6              |

**Notes:** UL Listed and CSA Certified for 600 Volts when installed with approved tools and dies. Can be used for high voltage applications up to 35 KV provided proper high voltage installation and insulation techniques are employed.

## Dual-Rated Compression Splices

### Dual-Rated Connectors

- For use with both aluminum and copper conductors.
- GALVAN aluminum compression connectors and splices are manufactured from high Conductivity 1350 alloy aluminum seamless tubing.
- Tin plated and prefilled with oxide inhibitor.



| Catalog Number | Die Color | Conductor Size | Pcs. Per Ctn. | Wt. Per 100 | Length | NAED UPC No. 632591- |
|----------------|-----------|----------------|---------------|-------------|--------|----------------------|
| SA-8           | BLUE      | 8              | 20            | 1.0         | 1.50   | 71536-2              |
| SA-6           | GRAY      | 6              | 20            | 1.0         | 1.63   | 71533-1              |
| SA-4           | GREEN     | 4              | 20            | 1.8         | 2.00   | 71529-4              |
| SA-2           | PINK      | 2              | 20            | 3.5         | 2.38   | 71523-2              |
| SA-1           | GOLD      | 1              | 10            | 3.5         | 2.38   | 71521-8              |
| SA-1/0         | TAN       | 1/0            | 10            | 4.0         | 2.50   | 71522-5              |
| SA-2/0         | OLIVE     | 2/0            | 10            | 5.5         | 2.63   | 71524-9              |
| SA-3/0         | RUBY      | 3/0            | 10            | 7.0         | 2.88   | 71526-3              |
| SA-4/0         | WHITE     | 4/0            | 10            | 13.0        | 3.13   | 71530-0              |
| SA-250         | RED       | 250            | 5             | 17.0        | 3.25   | 71525-6              |
| SA-300         | BLUE      | 300            | 5             | 20.0        | 3.25   | 71527-0              |
| SA-350         | BROWN     | 350            | 3             | 30.0        | 3.88   | 71528-7              |
| SA-400         | GREEN     | 400            | 3             | 35.0        | 4.88   | 71531-7              |
| SA-500         | PINK      | 500            | 3             | 42.0        | 5.00   | 71532-4              |
| SA-600         | BLACK     | 600            | 3             | 42.0        | 5.13   | 71534-8              |
| SA-750         | YELLOW    | 750            | 3             | 70.0        | 5.38   | 71535-5              |

**Notes:** UL Listed and CSA Certified for 600 Volts 35 KV when installed with approved tools and dies. For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions.

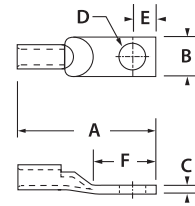


# CONNECTORS - SHORT BARREL COPPER COMPRESSION

## One-Hole Short Barrel Copper

For use with copper conductors **only**.

- Specially designed for industrial and building applications.
- **GALVAN** compression connectors are manufactured from high strength pure electrolytic copper to insure both maximum strength and conductivity.
- All connectors are color coded for quick, easy identification with matching die.
- Tin-plated for corrosion resistance.
- Specially chamfered barrel for ease of installation.
- Can be used for high voltage application up to 35 kV provided proper high voltage insulation techniques are used.
- U.L. Listed for AWG conductor when installed with approved tools and dies.



| Catalog Number | Die Color | Conductor Size | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|-----------|----------------|---------------|-------------|------------|------|------|------|------|------|-----------|----------------------|
|                |           |                |               |             | A          | B    | C    | D    | E    | F    |           |                      |
| CC8-19         | Red       | 8 Str.         | 50            | 1.5         | 1.63       | 0.39 | 0.08 | 0.20 | 0.22 | 0.63 | #10       | 71051-0              |
| CC8-25         | Red       | 8 Str.         | 50            | 1.5         | 1.69       | 0.48 | 0.06 | 0.28 | 0.31 | 0.69 | 1/2       | 71052-7              |
| CC8-31         | Red       | 8 Str.         | 50            | 1.5         | 1.69       | 0.48 | 0.06 | 0.34 | 0.31 | 0.69 | 5/16      | 71053-4              |
| CC6-19         | Blue      | 6 Str.         | 50            | 1.8         | 1.69       | 0.39 | 0.08 | 0.20 | 0.22 | 0.63 | #10       | 71044-2              |
| CC6-25         | Blue      | 6 Str.         | 50            | 1.8         | 1.69       | 0.39 | 0.06 | 0.28 | 0.31 | 0.69 | 1/4       | 71045-9              |
| CC6-31         | Blue      | 6 Str.         | 50            | 1.8         | 1.75       | 0.50 | 0.06 | 0.34 | 0.31 | 0.69 | 5/16      | 71046-6              |
| CC6-38         | Blue      | 6 Str.         | 50            | 1.8         | 1.75       | 0.50 | 0.06 | 0.34 | 0.31 | 0.69 | 5/16      | 71047-3              |
| CC4-25         | Gray      | 4 Str.         | 50            | 2.1         | 1.76       | 0.52 | 0.09 | 0.28 | 0.34 | 0.69 | 1/4       | 71035-0              |
| CC4-31         | Gray      | 4 Str.         | 50            | 2.1         | 1.81       | 0.56 | 0.09 | 0.34 | 0.38 | 0.69 | 5/16      | 71036-7              |
| CC4-38         | Gray      | 4 Str.         | 50            | 2.1         | 1.81       | 0.56 | 0.08 | 0.20 | 0.38 | 0.75 | #10       | 71037-4              |
| CC2-25         | Brown     | 2 Str.         | 50            | 3.6         | 1.94       | 0.63 | 0.08 | 0.28 | 0.34 | 0.75 | 1/4       | 71020-6              |
| CC2-31         | Brown     | 2 Str.         | 50            | 3.6         | 1.94       | 0.63 | 0.10 | 0.34 | 0.38 | 0.81 | 5/16      | 71021-3              |
| CC2-38         | Brown     | 2 Str.         | 50            | 3.6         | 1.94       | 0.63 | 0.10 | 0.41 | 0.41 | 0.81 | 3/8       | 71022-0              |
| CC1-25         | Green     | 1 Str.         | 20            | 3.6         | 2.00       | 0.67 | 0.10 | 0.28 | 0.34 | 0.81 | 1/4       | 71012-1              |
| CC1-31         | Green     | 1 Str.         | 20            | 3.6         | 2.00       | 0.67 | 0.11 | 0.34 | 0.38 | 0.81 | 5/16      | 71013-8              |
| CC1/0-25       | Pink      | 1/0 Str.       | 10            | 4.3         | 2.06       | 0.73 | 0.11 | 0.28 | 0.34 | 0.81 | 1/4       | 71015-2              |
| CC1/0-31       | Pink      | 1/0 Str.       | 10            | 4.3         | 2.06       | 0.73 | 0.12 | 0.34 | 0.38 | 0.81 | 5/16      | 71016-9              |
| CC1/0-38       | Pink      | 1/0 Str.       | 10            | 4.3         | 2.06       | 0.73 | 0.12 | 0.41 | 0.41 | 0.81 | 3/8       | 71017-6              |
| CC1/0-50       | Pink      | 1/0 Str.       | 10            | 4.3         | 2.06       | 0.73 | 0.12 | 0.56 | 0.41 | 0.81 | 1/2       | 71018-3              |
| CC2/0-38       | Black     | 2/0 Str.       | 10            | 6.2         | 2.31       | 0.81 | 0.12 | 0.41 | 0.44 | 0.81 | 3/8       | 71023-7              |
| CC2/0-50       | Black     | 2/0 Str.       | 10            | 6.2         | 2.31       | 0.81 | 0.12 | 0.56 | 0.53 | 1.06 | 1/2       | 71024-4              |
| CC3/0-38       | Orange    | 3/0 Str.       | 10            | 7.6         | 2.50       | 0.94 | 0.12 | 0.41 | 0.44 | 0.81 | 3/8       | 71028-2              |
| CC3/0-50       | Orange    | 3/0 Str.       | 10            | 7.6         | 2.50       | 0.94 | 0.13 | 0.56 | 0.53 | 1.06 | 1/2       | 71029-9              |
| CC4/0-38       | Purple    | 4/0 Str.       | 10            | 7.7         | 2.53       | 1.06 | 0.13 | 0.41 | 0.44 | 0.81 | 3/8       | 71038-1              |
| CC4/0-50       | Purple    | 4/0 Str.       | 10            | 7.7         | 2.53       | 1.06 | 0.13 | 0.56 | 0.53 | 1.06 | 1/2       | 71039-8              |
| CC250-38       | Yellow    | 250 MCM        | 10            | 13.0        | 2.69       | 1.13 | 0.14 | 0.41 | 0.44 | 1.06 | 3/8       | 71025-1              |
| CC250-50       | Yellow    | 250 MCM        | 10            | 13.0        | 2.69       | 1.13 | 0.14 | 0.56 | 0.53 | 1.06 | 1/2       | 71026-8              |
| CC300-50       | White     | 300 MCM        | 10            | 14.0        | 2.75       | 1.25 | 0.16 | 0.56 | 0.53 | 1.13 | 1/2       | 71030-5              |
| CC350-50       | Red       | 350 MCM        | 10            | 19.0        | 2.88       | 1.31 | 0.17 | 0.56 | 0.53 | 1.13 | 1/2       | 71032-9              |
| CC400-50       | Blue      | 400 MCM        | 6             | 25.0        | 3.06       | 1.39 | 0.18 | 0.56 | 0.53 | 1.25 | 1/2       | 71040-4              |
| CC500-50       | Brown     | 500 MCM        | 6             | 40.0        | 3.31       | 1.56 | 0.21 | 0.56 | 0.53 | 1.25 | 1/2       | 71042-8              |
| CC500-62       | Brown     | 500 MCM        | 6             | 40.0        | 3.81       | 1.56 | 0.21 | 0.69 | 0.88 | 1.75 | 5/8       | 71043-5              |
| CC600-62       | Green     | 600 MCM        | 6             | 60.0        | 4.13       | 1.78 | 0.25 | 0.56 | 0.88 | 1.75 | 1/2       | 71048-0              |
| CC700-62       | Pink      | 700 MCM        | 6             | 70.0        | 4.44       | 1.81 | 0.25 | 0.69 | 0.88 | 1.88 | 5/8       | 71049-7              |
| CC750-62       | Black     | 750 MCM        | 6             | 82.0        | 4.44       | 1.91 | 0.27 | 0.69 | 0.88 | 1.88 | 5/8       | 71050-3              |
| CC1000-75      | White     | 1000 MCM       | 3             | 120.0       | 5.13       | 2.19 | 0.32 | 0.78 | 0.94 | 1.88 | 3/4       | 71019-0              |

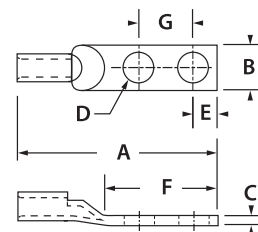
**Notes:** \* Consult factory for availability of special mounting hole sizes.



## Two-Hole Short Barrel Copper

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- **GALVAN** compression connectors are manufactured from high strength pure electrolytic copper to insure both maximum strength and conductivity.
- All connectors are color coded for quick, easy identification with matching die.
- Tin-plated for corrosion resistance.
- Specially chamfered barrel for ease of installation.
- Can be used for high voltage application up to 35 kV provided proper high voltage insulation techniques are used.
- U.L. Listed for AWG conductor when installed with approved tools and dies.



| Catalog Number | Die Color | Conductor Size | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|-----------|----------------|---------------|-------------|------------|------|------|------|------|------|------|-----------|----------------------|
|                |           |                |               |             | A          | B    | C    | D    | E    | F    | G    |           |                      |
| CCL8-19        | Red       | 8 Str.         | 50            | 2.8         | 1.91       | 0.41 | 0.06 | 0.20 | 0.31 | 1.13 | 0.63 | #10       | 71123-4              |
| CCL6-25        | Blue      | 6 Str.         | 50            | 3.6         | 1.97       | 0.41 | 0.09 | 0.25 | 0.25 | 1.13 | 0.63 | 1/4       | 71119-7              |
| CCL4-25        | Gray      | 4 Str.         | 50            | 4.4         | 2.03       | 0.50 | 0.09 | 0.25 | 0.25 | 1.13 | 0.63 | 1/4       | 71112-8              |
| CCL2-25        | Brown     | 2 Str.         | 25            | 6.4         | 2.41       | 0.56 | 0.09 | 0.25 | 0.25 | 1.13 | 0.63 | 1/4       | 71101-2              |
| CCL1-25        | Green     | 1 Str.         | 25            | 9.2         | 2.59       | 0.97 | 0.09 | 0.25 | 0.38 | 1.75 | 0.88 | 1/4       | 71096-1              |
| CCL1/0-31      | Pink      | 1/0 Str.       | 10            | 10.8        | 2.69       | 0.75 | 0.13 | 0.34 | 0.31 | 1.75 | 0.88 | 5/16      | 71097-8              |
| CCL1/0-38      | Pink      | 1/0 Str.       | 10            | 10.8        | 2.69       | 0.75 | 0.13 | 0.41 | 0.38 | 1.75 | 0.88 | 3/8       | 71098-5              |
| CCL2/0-38      | Black     | 2/0 Str.       | 10            | 12.2        | 3.81       | 0.81 | 0.13 | 0.41 | 0.38 | 2.81 | 1.75 | 3/8       | 71102-9              |
| CCL2/0-50      | Black     | 2/0 Str.       | 10            | 12.2        | 3.81       | 0.81 | 0.13 | 0.50 | 0.50 | 2.81 | 1.75 | 1/2       | 71103-6              |
| CCL3/0-38      | Orange    | 3/0 Str.       | 10            | 16.2        | 3.25       | 0.94 | 0.13 | 0.41 | 0.38 | 1.81 | 1.00 | 3/8       | 71106-7              |
| CCL3/0-50      | Orange    | 3/0 Str.       | 10            | 16.2        | 3.81       | 0.81 | 0.13 | 0.50 | 0.50 | 2.81 | 1.75 | 1/2       | 71107-4              |
| CCL4/0-38      | Purple    | 4/0 Str.       | 10            | 18.8        | 3.28       | 1.06 | 0.14 | 0.41 | 0.38 | 1.81 | 1.00 | 3/8       | 71113-5              |
| CCL4/0-50      | Purple    | 4/0 Str.       | 10            | 18.8        | 4.25       | 1.09 | 0.13 | 0.50 | 0.50 | 2.81 | 1.75 | 1/2       | 71114-2              |
| CCL250-38      | Yellow    | 250 MCM        | 10            | 23.6        | 3.43       | 1.13 | 0.15 | 0.41 | 0.38 | 1.81 | 1.00 | 3/8       | 71104-3              |
| CCL250-50      | Yellow    | 250 MCM        | 10            | 23.6        | 4.34       | 1.13 | 0.16 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71105-0              |
| CCL300-38      | White     | 300 MCM        | 10            | 27.0        | 3.43       | 1.25 | 0.16 | 0.41 | 0.38 | 1.81 | 1.00 | 3/8       | 71108-1              |
| CCL300-50      | White     | 300 MCM        | 10            | 27.0        | 4.53       | 1.19 | 0.16 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71109-8              |
| CCL350-38      | Red       | 350 MCM        | 10            | 32.4        | 3.56       | 1.31 | 0.17 | 0.41 | 0.38 | 1.81 | 1.00 | 3/8       | 71110-4              |
| CCL350-50      | Red       | 350 MCM        | 10            | 32.4        | 4.53       | 1.34 | 0.16 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71111-1              |
| CCL400-38      | Blue      | 400 MCM        | 10            | 37.9        | 3.62       | 1.41 | 0.18 | 0.41 | 0.38 | 1.81 | 1.00 | 3/8       | 71115-9              |
| CCL400-50      | Blue      | 400 MCM        | 10            | 37.9        | 4.81       | 1.41 | 0.16 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71116-6              |
| CCL500-38      | Brown     | 500 MCM        | 10            | 52.2        | 3.87       | 1.56 | 0.21 | 0.41 | 0.38 | 1.81 | 1.00 | 3/8       | 71117-3              |
| CCL500-50      | Brown     | 500 MCM        | 10            | 52.2        | 5.00       | 1.53 | 0.22 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71118-0              |
| CCL600-38      | Green     | 600 MCM        | 5             | 85.0        | 4.18       | 1.72 | 0.22 | 0.41 | 0.38 | 1.18 | 1.00 | 3/8       | 71120-3              |
| CCL600-50      | Green     | 600 MCM        | 5             | 85.0        | 5.13       | 1.72 | 0.22 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71121-0              |
| CCL750-50      | Black     | 750 MCM        | 5             | 85.6        | 5.22       | 1.72 | 0.27 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71122-7              |
| CCL1000-50     | White     | 1000 MCM       | 5             | 126.6       | 5.44       | 2.25 | 0.28 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71100-5              |

**Notes:** Consult factory for availability of special mounting hole sizes.

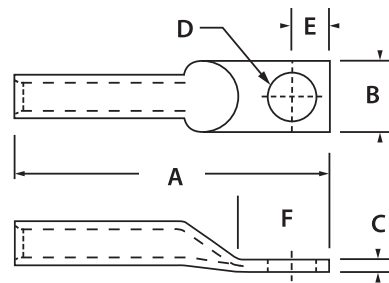


## CONNECTORS - LONG BARREL COPPER COMPRESSION

### One-Hole Long Barrel Copper

For use with copper conductors **only**.

- Specially designed for industrial and building applications.
- **GALVAN** compression connectors are manufactured from high strength pure electrolytic copper to insure both maximum strength and conductivity.
- All connectors are color coded for quick, easy identification with matching die.
- Tin-plated for corrosion resistance.
- Specially chamfered barrel for ease of installation.
- Can be used for high voltage application up to 35 kV provided proper high voltage insulation techniques are used.
- U.L. Listed for AWG conductor when installed with approved tools and dies.



| Catalog Number | Die Color | Conductor Size | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|-----------|----------------|---------------|-------------|------------|------|------|------|------|------|-----------|----------------------|
|                |           |                |               |             | A          | B    | C    | D    | E    | F    |           |                      |
| CCB8-25        | Red       | 8 Str.         | 50            | 2           | 1.94       | 0.48 | 0.08 | 0.27 | 0.31 | 0.69 | 1/4       | 71073-2              |
| CCB6-25        | Blue      | 6 Str.         | 50            | 2.2         | 1.94       | 0.50 | 0.06 | 0.27 | 0.31 | 0.69 | 1/4       | 71069-5              |
| CCB4-25        | Gray      | 4 Str.         | 50            | 2.5         | 2.25       | 0.52 | 0.09 | 0.27 | 0.34 | 0.75 | 1/4       | 71064-0              |
| CCB4-38        | Gray      | 4 Str.         | 50            | 2.5         | 2.61       | 0.81 | 0.09 | 0.38 | 0.31 | 1.00 | 5/16      | 61208-1              |
| CCB2-31        | Brown     | 2 Str.         | 25            | 4.5         | 2.32       | 0.63 | 0.10 | 0.33 | 0.38 | 0.81 | 5/16      | 71057-2              |
| CCB1-31        | Green     | 1 Str.         | 10            | 5.5         | 2.63       | 0.67 | 0.11 | 0.33 | 0.38 | 0.81 | 5/16      | 71054-1              |
| CCB1/0-38      | Pink      | 1/0 Str.       | 10            | 6.0         | 2.88       | 0.74 | 0.12 | 0.41 | 0.41 | 1.06 | 3/8       | 71055-8              |
| CCB2/0-38      | Black     | 2/0 Str.       | 10            | 8.2         | 2.88       | 0.82 | 0.12 | 0.41 | 0.44 | 1.06 | 3/8       | 71058-9              |
| CCB2/0-50      | Black     | 2/0 Str.       | 10            | 8.2         | 2.88       | 0.82 | 0.12 | 0.41 | 0.44 | 1.06 | 3/8       | 71059-6              |
| CCB3/0-50      | Orange    | 3/0 Str.       | 10            | 9.5         | 3.50       | 0.94 | 0.13 | 0.54 | 0.53 | 1.06 | 1/2       | 71061-9              |
| CCB4/0-50      | Purple    | 4/0 Str.       | 10            | 13          | 3.53       | 1.06 | 0.14 | 0.54 | 0.53 | 1.06 | 1/2       | 71066-4              |
| CCB250-50      | Yellow    | 250 MCM        | 10            | 17          | 3.56       | 1.13 | 0.14 | 0.54 | 0.53 | 1.06 | 1/2       | 71060-2              |
| CCB300-50      | White     | 300 MCM        | 10            | 20          | 3.63       | 1.25 | 0.16 | 0.54 | 0.53 | 1.13 | 1/2       | 71062-6              |
| CCB350-50      | Red       | 350 MCM        | 10            | 26          | 3.75       | 1.31 | 0.17 | 0.54 | 0.53 | 1.13 | 1/2       | 71063-3              |
| CCB400-50      | Blue      | 400 MCM        | 6             | 33          | 3.88       | 1.41 | 0.18 | 0.54 | 0.53 | 1.25 | 1/2       | 71067-1              |
| CCB500-50      | Brown     | 500 MCM        | 6             | 50          | 4.44       | 1.56 | 0.21 | 0.54 | 0.53 | 1.25 | 1/2       | 71068-8              |
| CCB600-62      | Green     | 600 MCM        | 6             | 70          | 5.00       | 1.72 | 0.25 | 0.66 | 0.88 | 1.75 | 5/8       | 71071-8              |
| CCB750-62      | Black     | 750 MCM        | 6             | 96          | 5.87       | 1.91 | 0.27 | 0.66 | 0.88 | 1.86 | 5/8       | 71072-5              |
| CCB1000-62     | White     | 1000 MCM       | 3             | 132         | 6.25       | 2.19 | 0.32 | 0.66 | 0.88 | 2.13 | 5/8       | 71056-5              |

**Notes:** \*Consult factory for availability of special mounting hole sizes.

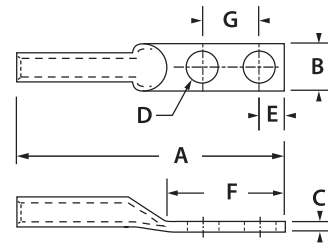
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| Catalog Number | Die Color | Conductor Size | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|-----------|----------------|---------------|-------------|------------|------|------|------|------|------|------|-----------|----------------------|
|                |           |                |               |             | A          | B    | C    | D    | E    | F    | G    |           |                      |
| CCBL8-25       | Red       | 8 Str.         | 50            | 3.0         | 2.88       | 0.41 | 0.06 | 0.25 | 0.25 | 1.44 | 0.63 | 1/4       | 71094-7              |
| CCBL6-25       | Blue      | 6 Str.         | 50            | 3.2         | 2.25       | 0.41 | 0.06 | 0.25 | 0.25 | 1.25 | 0.63 | 1/4       | 71091-6              |
| CCBL4-25       | Gray      | 4 Str.         | 50            | 3.9         | 2.19       | 0.53 | 0.19 | 0.25 | 0.25 | 1.19 | 0.63 | 3/8       | 71087-9              |
| CCBL2-31       | Brown     | 2 Str.         | 25            | 6.1         | 2.81       | 0.44 | 0.09 | 0.33 | 0.38 | 1.38 | 0.75 | 1/4       | 71080-0              |
| CCBL1-31       | Green     | 1 Str.         | 10            | 6.9         | 2.97       | 0.66 | 0.09 | 0.33 | 0.38 | 1.38 | 0.88 | 1/2       | 71074-9              |
| CCBL1/0-50     | Pink      | 1/0 Str.       | 10            | 8.8         | 3.97       | 0.75 | 0.13 | 0.50 | 0.50 | 3.00 | 1.75 | 5/16      | 71077-0              |
| CCBL2/0-50     | Black     | 2/0 Str.       | 10            | 15.0        | 4.19       | 0.81 | 0.13 | 0.50 | 0.50 | 3.00 | 1.75 | 5/16      | 71082-4              |
| CCBL3/0-50     | Orange    | 3/0 Str.       | 10            | 16.0        | 4.44       | 0.94 | 0.13 | 0.50 | 0.50 | 2.94 | 1.75 | 5/16      | 71084-8              |
| CCBL4/0-50     | Purple    | 4/0 Str.       | 10            | 22.0        | 4.69       | 1.03 | 0.13 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71088-6              |
| CCBL250-50     | Yellow    | 250 MCM        | 10            | 27.0        | 4.91       | 1.06 | 0.13 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71083-1              |
| CCBL300-50     | White     | 300 MCM        | 10            | 31.0        | 5.22       | 1.19 | 0.13 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71085-5              |
| CCBL350-50     | Red       | 350 MCM        | 10            | 40.0        | 5.34       | 1.34 | 0.16 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71086-2              |
| CCBL400-50     | Blue      | 400 MCM        | 6             | 45.0        | 5.44       | 1.41 | 0.19 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71089-3              |
| CCBL500-50     | Brown     | 500 MCM        | 6             | 66.0        | 5.94       | 1.59 | 0.19 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71090-9              |
| CCBL600-50     | Green     | 600 MCM        | 6             | 75.0        | 5.75       | 1.72 | 0.22 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71092-3              |
| CCBL750-50     | Black     | 750 MCM        | 6             | 115.0       | 6.09       | 1.91 | 0.25 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71093-0              |
| CCBL1000-50    | White     | 1000MCM        | 3             | 152.0       | 6.34       | 2.25 | 0.28 | 0.50 | 0.50 | 3.00 | 1.75 | 1/2       | 71078-7              |

**Notes:** Consult factory for availability of special mounting hole sizes.

UL Listed and CSA Certified for 600 volts when installed with approved tools and dies.

Can be used for high voltage applications up to 35 KV.

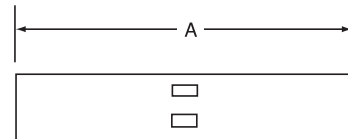
KV provided proper high voltage installation and insulation techniques are employed.



## CONNECTORS - COPPER COMPRESSION SPLICES

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- Tin-plated for corrosion resistance.
- Specially chamfered barrel for ease of installation.
- Can be used for high voltage application up to 35KV provided proper high voltage insulation techniques are used.
- U.L. Listed for AWG conductor when installed with approved tools and dies.



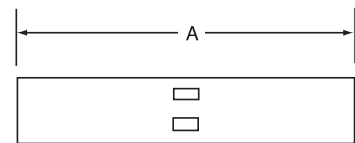
| Catalog Number | Die Color | Conductor Size | Pcs. Per Ctn. | Wt. Per 100 | A    | NAED UPC No. 632591- |
|----------------|-----------|----------------|---------------|-------------|------|----------------------|
| CSS-8          | Red       | 8 Str.         | 50            | 1.4         | 1.62 | 71241-5              |
| CSS-6          | Blue      | 6 Str.         | 50            | 2.2         | 1.75 | 71237-8              |
| CSS-4          | Gray      | 4 Str.         | 50            | 2.6         | 1.87 | 71233-0              |
| CSS-2          | Brown     | 2 Str.         | 25            | 4.0         | 1.87 | 71227-9              |
| CSS-1          | Green     | 1 Str.         | 10            | 5.2         | 1.87 | 71224-8              |
| CSS-1/0        | Pink      | 1/0 Str.       | 10            | 5.7         | 1.87 | 71225-5              |
| CSS-2/0        | Black     | 2/0 Str.       | 10            | 6.5         | 2.00 | 71228-6              |
| CSS-3/0        | Orange    | 3/0 Str.       | 10            | 7.7         | 2.12 | 71230-9              |
| CSS-4/0        | Purple    | 4/0 Str.       | 10            | 8.0         | 2.12 | 71234-7              |
| CSS-250        | Yellow    | 250 MCM        | 6             | 12.5        | 2.25 | 71229-3              |
| CSS-300        | White     | 300 MCM        | 6             | 14.0        | 2.25 | 71231-6              |
| CSS-350        | Red       | 350 MCM        | 6             | 18.0        | 2.37 | 71232-3              |
| CSS-400        | Blue      | 400 MCM        | 6             | 22.0        | 2.50 | 71235-4              |
| CSS-500        | Brown     | 500 MCM        | 6             | 35.0        | 2.87 | 71236-1              |
| CSS-600        | Green     | 600 MCM        | 6             | 40.0        | 3.00 | 71238-5              |
| CSS-750        | Black     | 750 MCM        | 3             | 56.0        | 3.38 | 71240-8              |
| CSS-1000       | White     | 1000 MCM       | 3             | 87.0        | 3.87 | 71226-2              |

**Notes:** UL Listed and CSA Certified for 600 volts when installed with approved tools and dies. Can be used for high voltage applications up to 35KV provided proper high voltage installation and insulation techniques are employed.



## Long Barrel Copper Compression Splices

- Specially designed for industrial and building applications.
- **GALVAN** compression connectors are manufactured from high strength pure electrolytic copper to insure both maximum strength and conductivity.
- All connectors are color coded for quick, easy identification with matching die.
- Tin-plated for corrosion resistance.
- Specially chamfered barrel for ease of installation.
- Can be used for high voltage application up to 35 kV provided proper high voltage insulation techniques are used.
- U.L. Listed for AWG conductor when installed with approved tools and dies.



| Catalog Number | Die Color | Conductor Size | Pcs. Per Ctn. | Wt. Per 100 | A    | NAED UPC No. 632591- |
|----------------|-----------|----------------|---------------|-------------|------|----------------------|
| CSL-8          | Red       | 8 Str.         | 50            | 3.5         | 2.00 | 71223-1              |
| CSL-6          | Blue      | 6 Str.         | 50            | 4.0         | 2.38 | 71220-0              |
| CSL-4          | Gray      | 4 Str.         | 50            | 5.2         | 2.38 | 71216-3              |
| CSL-2          | Brown     | 2 Str.         | 25            | 7.8         | 2.62 | 71210-1              |
| CSL-1          | Green     | 1 Str.         | 10            | 10.0        | 2.87 | 71207-1              |
| CSL-1/0        | Pink      | 1/0 Str.       | 10            | 11.0        | 2.87 | 71208-8              |
| CSL-2/0        | Black     | 2/0 Str.       | 10            | 13.0        | 3.12 | 71211-8              |
| CSL-3/0        | Orange    | 3/0 Str.       | 10            | 15.0        | 3.12 | 71213-2              |
| CSL-4/0        | Purple    | 4/0 Str.       | 10            | 16.0        | 3.38 | 71217-0              |
| CSL-250        | Yellow    | 250 MCM        | 6             | 25.0        | 3.38 | 71212-5              |
| CSL-300        | White     | 300 MCM        | 6             | 26.0        | 4.12 | 71214-9              |
| CSL-350        | Red       | 350 MCM        | 6             | 31.0        | 4.12 | 71215-6              |
| CSL-400        | Blue      | 400 MCM        | 6             | 37.0        | 4.38 | 71218-7              |
| CSL-500        | Brown     | 500 MCM        | 6             | 57.0        | 4.62 | 71219-4              |
| CSL-600        | Green     | 600 MCM        | 6             | 65.0        | 5.38 | 71221-7              |
| CSL-750        | Black     | 750 MCM        | 3             | 102.0       | 5.87 | 71222-4              |
| CSL-1000       | White     | 1000 MCM       | 3             | 140.0       | 6.12 | 71209-5              |

**Notes:** UL Listed and CSA Certified for 600 volts when installed with approved tools and dies. Can be used for high voltage applications up to 35 KV provided proper high voltage installation and insulation techniques are employed.



## CONNECTORS - COPPER MECHANICAL

### Copper Mechanical Connectors

- **GALVAN** single hole solderless lugs and double hole solderless lugs are manufactured from high strength pure electrolytic copper to insure both maximum strength and conductivity, plain finished.
- Conductors are inserted between arched pressure bar and V-bottom collar which positions the wire for positive contact and maximum secureness.
- Easy to install with screwdriver, wrench, or pliers.
- Re-useable; plain copper finish.



Fig. 1



Fig. 2

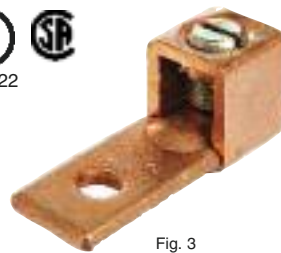
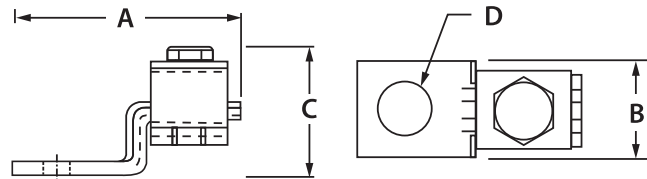


Fig. 3



Fig. 4



| Catalog Number | Fig. No. | Conductor Range | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|----------|-----------------|---------------|-------------|------------|------|------|------|-----------|----------------------|
|                |          |                 |               |             | A          | B    | C    | D    |           |                      |
| CF-25          | 1        | 10-14           | 100           | 1.4         | 1.00       | 0.31 | 0.66 | 0.16 | #6        | 71129-6              |
| CF-35          | 1        | 6-14            | 100           | 3.2         | 1.31       | 0.50 | 0.81 | 0.20 | #10       | 71132-6              |
| CF-90          | 1        | 2-8             | 100           | 4.5         | 1.22       | 0.50 | 1.00 | 0.27 | 1/4       | 71133-3              |
| CF-125         | 2        | 1/0-2           | 50            | 11.0        | 1.97       | 0.63 | 1.34 | 0.27 | 1/4       | 71124-1              |
| CF-175         | 2        | 3/0-4           | 25            | 17.0        | 2.19       | 0.75 | 1.56 | 0.41 | 3/8       | 71125-8              |
| CF-225         | 2        | 4/0-2           | 25            | 25.0        | 2.63       | 1.00 | 1.81 | 0.41 | 3/8       | 71126-5              |
| CF-300         | 2        | 350-1/0         | 18            | 51.0        | 3.19       | 1.00 | 2.63 | 0.41 | 3/8       | 71128-9              |
| CF-400         | 2        | 500-1/0         | 3             | 80.0        | 4.25       | 1.50 | 2.75 | 0.41 | 3/8       | 71130-2              |
| CF-650         | 2        | 1000-600        | 1             | 190.0       | 4.63       | 2.00 | 3.69 | 0.53 | 1/2       | 71131-9              |
| CFS-35         | 3        | 8-14            | 100           | 2.2         | 1.19       | 0.38 | 0.75 | 0.20 | #10       | 71139-5              |
| CFS-70         | 3        | 4-14            | 100           | 2.8         | 1.31       | 0.50 | 0.81 | 0.27 | 1/4       | 71142-5              |
| CFS-125        | 4        | 1/0-2           | 50            | 11.0        | 1.97       | 0.63 | 1.34 | 0.27 | 3/8       | 71134-0              |
| CFS-225        | 4        | 4/0-1/0         | 25            | 23.0        | 2.63       | 1.00 | 1.81 | 0.41 | 1/2       | 71136-4              |
| CFS-400        | 4        | 500-4/0         | 3             | 68.0        | 4.25       | 1.50 | 2.75 | 0.41 | 1/2       | 71140-1              |

**Notes:** CF represents "bent" tang. CFS represents "straight" tang



## Type FLC Copper Lug

- One-piece construction for strength and durability.
- Excellent for confined quarters.
- Catalog Nos. FLC-500 and FLC-1000 are cast from high strength bronze alloy.
- All other Catalog numbers are cold forged from pure electrolytic copper with 99% conductivity.



Fig. 1

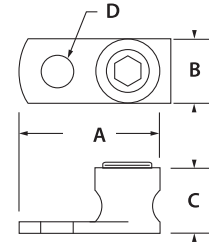


Fig. 2

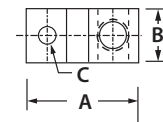


E50999

| Catalog Number | Fig. No. | Cond. Range | Pcs. Per Ctn. | Wt. Per 100 | Dimensions |      |      |      | Bolt Size | NAED UPC No. 632591- |
|----------------|----------|-------------|---------------|-------------|------------|------|------|------|-----------|----------------------|
|                |          |             |               |             | A          | B    | C    | D    |           |                      |
| FLC-8          | 2        | 8-14        | 100           | 1.5         | 0.70       | 0.34 | 0.38 | 0.20 | #10       | 71263-7              |
| FLC-4          | 2        | 4-14        | 100           | 3.6         | 1.09       | 0.53 | 0.55 | 0.27 | 1/4       | 71262-0              |
| FLC-1/0        | 1        | 1/0-8       | 50            | 9.0         | 1.50       | 0.63 | 0.75 | 0.34 | 5/16      | 71260-6              |
| FLC-250        | 1        | 250-6       | 25            | 17.12       | 1.97       | 0.63 | 0.94 | 0.41 | 3/8       | 71261-3              |
| FLC-500        | 1        | 500-4/0     | 25            | 65.0        | 3.00       | 1.81 | 1.47 | 0.63 | 5/8       | 71628-4              |
| FLC-1000       | 1        | 1000-500    | 10            | 155.0       | 4.00       | 2.00 | 2.53 | 0.75 | 3/4       | 71629-1              |

## Direct Burial Copper Lay-In Lug

- Made of copper alloy
- For copper conductors
- Stainless steel blade-type set screw
- Open face design
- Perfect for swimming pool grounding
- Rated for 600v
- Listed for direct burial in earth or concrete
- Plated = tin plated.



E1981080



| Catalog Number | Conductor Range | Dimensions (in.) |     |     | Bolt Size | Height | Tang Thickness | Pcs. Per Ctn. | Wt. Per 100 | NAED UPC No. 632591- |
|----------------|-----------------|------------------|-----|-----|-----------|--------|----------------|---------------|-------------|----------------------|
|                |                 | A                | B   | C   |           |        |                |               |             |                      |
| LIC-50S        | 4-14            | .97              | .38 | .20 | 13/64     | .69    | .15            | 100           | 2.0         | 61466-5              |
| LIC-50S Plated | 4-14            | .97              | .38 | .20 | 13/64     | .69    | .15            | 100           | 2.0         | 61497-9              |



## CONNECTORS - MISCELLANEOUS

### Oxide Inhibitor

For use with:

- Aluminum to aluminum
- Aluminum to copper
- Aluminum conduit threads



E57463

Consists of a natural (petroleum) base in which zinc particles are suspended.  
Not recommended for use with rubber and polyethylene insulated conductors.

| Catalog Number | Carton Description | Carton Quantity | NAED UPC No. 632591- |
|----------------|--------------------|-----------------|----------------------|
| CO-OX-4        | 4 Oz. Bottle       | 12              | 71201-9              |
| CO-OX-8        | 8 Oz. Bottle       | 12              | 71202-6              |



### CMIT Mechanical Indent Tool

- High strength, lightweight aluminum body.
- No dies required.
- High strength fiberglass handles.
- Designed to easily crimp a range of connectors without the use of hydraulic tools.
- Adjustable indenter to cover a wide array of wire ranges and wire types of copper and aluminum lugs and splices.
- Indenter adjusting screw is protected to prevent damage from accidental dropping.
- Calibrated scale for copper connectors with wire range sizes.
- Nest and indenter made of high strength steel for durability.
- Optional tool bag.
- One-year warranty.



| Catalog Number | Crimping Capacity                | Dimensions |          |          | Tool Weight | NAED UPC No. 632591- |
|----------------|----------------------------------|------------|----------|----------|-------------|----------------------|
|                |                                  | Length     | Depth    | Width    |             |                      |
| CMIT           | 4/0 AWG, 107.07mm Aluminum Cable | 23.63 in.  | 1.15 in. | 4.50 in. | 5.50 lbs.   | 71192-0              |
|                | 250 MCM, 126.5mm Copper Cable    | 60.00cm    | 3.81cm   | 11.43cm  | 2.50kg      |                      |
|                |                                  |            |          |          |             |                      |

**Notes:** \*Call factory for price.



## CONNECTORS - CCIT ECONOMICAL MECHANICAL INDENT TOOL

### Economical Mechanical Indent Tool

- High strength, steel body.
- No dies required.
- Designed to easily crimp a range of fittings without the use of hydraulic tools.
- Adjustable indenter to cover a wide array of wire ranges and wire types of copper and aluminum lugs and splices.
- Calibrated scale for copper connectors with wire range from 250 MCM down to #8 str.
- Calibrated scale for aluminum connectors with wire range from 4/0 AWG down to #8 str.
- Nest and indenter made of high strength steel for durability.
- One-year warranty.



| Catalog Number | Crimping Capacity                 | Dimensions |          |          | Tool Weight | NAED UPC No. 632591-71095-4 |
|----------------|-----------------------------------|------------|----------|----------|-------------|-----------------------------|
|                |                                   | Length     | Depth    | Width    |             |                             |
| CCIT           | 4/0 AWG to #8 str. Aluminum Cable | 23.00 in.  | 1.15 in. | 4.50 in. | 6.05 lbs.   |                             |
|                | 250 MCM to #8 str. Copper Cable   | 60.00cm    | 3.81cm   | 11.43cm  | 2.75kg      |                             |

#### Notes

\*Call factory for price



**Cross Reference** is to be used as an aid in selecting products from GALVAN that are similar to the products of other manufacturers. All Information should be verified by the user.





## GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan  | IlSCO   | NSI  | Penn Union | Burndy | Greaves | Homac | T&B    |
|---------|---------|------|------------|--------|---------|-------|--------|
| LA-2    | TA-2    | 2T   | LA-2       | KA-2U  | -       | -     | ADR-2  |
| LA-6    | TA-6S   | -    | LA-6       | KA-6U  | -       | -     | ADR6   |
| LA-1/0  | TA-0    | 0T   | LA-0       | KA-25U | A-1/0   | -     | ADR11  |
| LA-2/0  | TA-2/0  | -    | LA-2/0     | KA-26U | A-2/0   | -     | ADR21  |
| LA250   | TA-250  | 250T | LA-250     | KA-29U | A-250   | A-250 | ADR25  |
| LA-300  | TA-300  | 300T | -          | KA-30U | A-300   | A-300 | ADR30  |
| LA-350  | TA-350  | 350T | LA-350     | KA-31U | A-350   | A-350 | ADR35  |
| LA-500  | TA-500  | 500T | LA-500     | KA-34U | A-500   | A-500 | ADR50  |
| LA-600  | TA-600  | 600T | LA-600     | KA-36U | A-600   | A-600 | ADR60  |
| LA-800  | TA-800  | 800T | LA-800     | KA-40U | A-800   | A-800 | ADR80  |
| LA-1000 | TA-1000 | -    | LA-1000    | KA-44U | A-1000  | -     | ADR-99 |

See page 25 for product information.



| Galvan   | IlSCO      | NSI   | Penn Union | Burndy    | Greaves | Homac | T&B      |
|----------|------------|-------|------------|-----------|---------|-------|----------|
| L1M2-350 | TA-350-2NS | 350L2 | LA-350-2   | -         | A-350N  | -     | ADR35-12 |
| L1M2-600 | TA-600-2NS | 600L2 | LA-600-2   | KA-36U-2N | A-600N  | -     | -        |

See page 25 for product information.



| Galvan    | IlSCO      | NSI     | Penn Union  | Burndy     | Greaves | Homac | T&B       |
|-----------|------------|---------|-------------|------------|---------|-------|-----------|
| L1D2-350  | TA-350-2N  | -       | LLA2-350-S1 | KKA-31U-2N | -       | -     | -         |
| L1D2-600  | TA-600-2N  | 600LL2  | -           | -          | -       | -     | ADR60-12D |
| L1D2-800  | TA-800-2N  | 800LL2  | -           | -          | A800-N  | -     | ADR80-12D |
| L1D2-1000 | TA-1000-2N | 1000LL2 | LLA-1000-S1 | -          | -       | -     | ADR99-12D |

See page 25 for product information.

## GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan   | IlSCO   | NSI     | Penn Union | Burndy  | Greaves | Homac   | T&B      |
|----------|---------|---------|------------|---------|---------|---------|----------|
| DLA-1/0  | AU-0    | -       | L2A-0      | K2A-25U | AA-1/0  | -       | ADR11-21 |
| DLA-2/0  | AU-2/0  | 2-2/0T  | -          | K2A26U  | AA-2/0  | -       | ADR21-21 |
| DLA-250  | AU-250  | 2-250T  | L2A-250    | K2A-29U | AA-250  | AD-250D | ADR25-21 |
| DLA-350  | AU-350  | 2-350T  | LA-350     | K2A-31U | AA-350  | -       | ADR35-21 |
| DLA-600  | AU-600  | 2-600T  | L2A-600    | K2A-36U | AA-600  | AD-600D | ADR60-21 |
| DLA-800  | AU-800  | 2-800T  | L2A-800    | K2A-40U | AA-800  | -       | ADR80-21 |
| DLA-1000 | AU-1000 | 2-1000T | L2A-1000   | K2A-44U | AA-1000 | -       | ADR99-21 |

See page 26 for product information.



| Galvan   | IlSCO     | NSI     | Penn Union | Burndy    | Greaves | Homac | T&B      |
|----------|-----------|---------|------------|-----------|---------|-------|----------|
| L2M2-350 | AU-350-2N | 2-350L2 | L2A-350-2  | KA-31U-2N | AA-600N | -     | ADR35-22 |

See page 26 for product information.



| Galvan    | IlSCO      | NSI | Penn Union | Burndy | Greaves  | Homac | T&B       |
|-----------|------------|-----|------------|--------|----------|-------|-----------|
| L2D2-350  | AU-350-2N  | -   | -          | -      | -        | -     | -         |
| L2D2-600  | AU-600-2N  | -   | -          | -      | -        | -     | ADR60-22D |
| L2D2-800  | AU-800-2N  | -   | -          | -      | AA-800N  | -     | ADR80-22D |
| L2D2-1000 | AU-1000-2N | -   | -          | -      | AA-1000N | -     | ADR99-22D |

See page 26 for product information.



## GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan   | Ilco      | NSI | Penn Union | Burndy     | Greaves  | Homac | T&B      |
|----------|-----------|-----|------------|------------|----------|-------|----------|
| L3M2-1/0 | T3A2-0    | -   | L3A-1/0-2  | K3A-25U-2  | -        | -     | ADR11-32 |
| L3M2-3/0 | T3A2-3/0N | -   | L3A-250-2  | K3A-27U-2N | -        | -     | ADR31-32 |
| L3M2-250 | T3A2-250N | -   | L3A-250-2  | K3A-29U-2N | AAA-250N | -     | ADR25-32 |
| L3M2-350 | T3A2-350N | -   | L3A-350-2  | K3A-31U-2N | AAA-350N | -     | ADR35-32 |
| L3M2-500 | -         | -   | L3A-500-2  | K3A-36U-2N | -        | -     | ADR50-32 |

See page 27 for product information.



| Galvan    | Ilco       | NSI | Penn Union | Burndy      | Greaves   | Homac | T&B       |
|-----------|------------|-----|------------|-------------|-----------|-------|-----------|
| L3D2-600  | T3A2-600N  | -   | -          | KK3A-36U-2N | AAA-600N  | -     | ADR60-32D |
| L3D2-800  | T3A2-800N  | -   | L3A-800-2  | KK3A-40U-2N | AAA-800N  | -     | ADR80-32  |
| L3D2-1000 | T3A2-1000N | -   | -          | KK3A-44U-2N | AAA-1000N | -     | ADR99-32  |

See page 27 for product information.



| Galvan   | Ilco      | NSI | Penn Union | Burndy     | Greaves  | Homac | T&B      |
|----------|-----------|-----|------------|------------|----------|-------|----------|
| L3M4-1/0 | T3A4-0    | -   | -          | K3A-25U-4  | -        | -     | ADR11-34 |
| L3M4-3/0 | T3A4-3/0N | -   | -          | K3A-27U-4N | -        | -     | ADR31-34 |
| L3M4-250 | T3A4-250N | -   | L3A-250-4  | K3A-29U-4N | AAA-250N | -     | ADR25-34 |
| L3M4-350 | T3A4-350N | -   | L3A-350-4  | K3A-31U-4N | AAA-350N | -     | ADR35-34 |
| L3M4-500 | T3A4-500N | -   | L3A-500-4  | -          | -        | -     | ADR50-34 |

See page 27 for product information.

# GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan    | IlSCO      | NSI       | Penn Union | Burndy      | Greaves   | Homac       | T&B       |
|-----------|------------|-----------|------------|-------------|-----------|-------------|-----------|
| L3D4-600  | T3A4-600N  | 3-600LL4  | -          | KK3A-36U-4N | -         | ATA344-600N | ADR60-34D |
| L3D4-800  | T3A4-800N  | 3-800LL4  | L3A-800-4  | KK3A-40U-4N | AAA-800N  | -           | ADR80-34  |
| L3D4-1000 | T3A4-1000N | 3-1000LL4 | -          | KK3A-44U-4N | AAA-1000N | -           | ADR99-34  |

See page 27 for product information.



| Galvan   | IlSCO     | NSI     | Penn Union | Burndy     | Greaves   | Homac      | T&B      |
|----------|-----------|---------|------------|------------|-----------|------------|----------|
| L4M4-250 | T4A4-250N | 4-250L4 | LA4M4-250  | K4A-29U-4N | AAAA-250N | AT4A4-250N | ADR25-44 |
| L4M4-350 | T4A4-350N | 4-350L4 | LA4M4-350  | K4A-31U-4N | AAAA-350N | AT4A4-350N | ADR35-44 |

See page 27 for product information.



| Galvan    | IlSCO     | NSI      | Penn Union | Burndy      | Greaves   | Homac      | T&B       |
|-----------|-----------|----------|------------|-------------|-----------|------------|-----------|
| L4D4-600  | T4A4-600N | 4-600LL4 | LA4M4-600  | KK4A-36U-4N | -         | AT4A4-600N | ADR60-44D |
| L4D4-800  | T4A4-800N | 4-800LL4 | LA4M-800   | KK4A-40U-4N | AAAA-800N | -          | ADR80-44D |
| L4D4-1000 | -         | 4-100L4  | -          | -           | -         | -          | ADR99-44D |

See page 27 for product information.



## GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan   | Ilsco   | NSI | Penn Union | Burndy     | Greaves | Homac | T&B       |
|----------|---------|-----|------------|------------|---------|-------|-----------|
| PV2-300  | PB2-300 | -   | -          | K11A-30U   | -       | -     | ASL-30-21 |
| 2ABV-600 | PB2-600 | -   | PB2-600    | K11A-36U-2 | AQ2-600 | -     | ASL-60-22 |
| 2ABV-750 | PB2-750 | -   | PB2-750    | K11A-39U-2 | AQ2-750 | -     | ASL-75-22 |

See page 28 for product information.



| Galvan   | Ilsco   | NSI | Penn Union | Burndy     | Greaves | Homac | T&B       |
|----------|---------|-----|------------|------------|---------|-------|-----------|
| 3ABV-500 | -       | -   | -          | -          | -       | -     | ASL60-21  |
| 3ABV-600 | PB3-600 | -   | PB3-600    | K21A-36U-2 | AQ3-600 | -     | ASL-60-32 |
| 3ABV-750 | -       | -   | PB3-750    | -          | AQ3-750 | -     | ASL-75-32 |

See page 28 for product information.



| Galvan   | Ilsco   | NSI | Penn Union | Burndy     | Greaves | Homac | T&B       |
|----------|---------|-----|------------|------------|---------|-------|-----------|
| 4ABV-500 | -       | -   | -          | -          | -       | -     | -         |
| 4ABV-600 | PB4-600 | -   | PB4-600    | K22A-36U-2 | AQ4-600 | -     | ASL-60-42 |
| 4ABV-750 | PB4-750 | -   | PB4-750    | K22A-39U-2 | AQ4-750 | -     | ASL-75-42 |

See page 28 for product information.



| Galvan   | Ilsco | NSI | Penn Union | Burndy | Greaves | Homac | T&B |
|----------|-------|-----|------------|--------|---------|-------|-----|
| 6ABV-500 | -     | -   | -          | -      | -       | -     | -   |
| 6ABV-750 | -     | -   | -          | -      | -       | -     | -   |

See page 28 for product information.



| Galvan  | Ilsco    | NSI | Penn Union | Burndy   | Greaves | Homac | T&B      | Galvan  |
|---------|----------|-----|------------|----------|---------|-------|----------|---------|
| SR-0    | SPA-0    | -   | SR-0       | AMS-0    | ABS-1/0 | -     | ASR-1108 | SR-0    |
| SR-2    | SPA-2    | -   | SR-2       | AMS-2    | ABS-2   | -     | ASR-0214 | SR-2    |
| SR-250  | SPA-250  | -   | SR-250     | AMS-250  | ABS-250 | -     | ASR-2506 | SR-250  |
| SR-350  | SPA-350  | -   | SR-350     | AMS-350  | ABS-350 | -     | ASR-3504 | SR-350  |
| SR-500  | SPA-500  | -   | SR-500     | AMS-500  | ABS-500 | -     | ASR-6041 | SR-500  |
| SR-750  | SPA-750  | -   | SR-750     | AMS-750  | ABS-750 | -     | -        | SR-750  |
| SR-1000 | SPA-1000 | -   | -          | AMS-1000 | -       | -     | -        | SR-1000 |

See page 29 for product information.



| Galvan     | Ilsco    | NSI    | Penn Union | Burndy | Greaves | Homac        | T&B       | Galvan     |
|------------|----------|--------|------------|--------|---------|--------------|-----------|------------|
| 2CLA1/0-38 | 2ACL-1/0 | AL1/0N | BLUA-1/0D1 | YA25A5 | -       | -            | ATL102-38 | 2CLA1/0-38 |
| 2CLA2/0-50 | 2ACL-2/0 | AL2/0N | BLUA-2/0D  | YA26A3 | AL2/0-N | -            | ATL202    | 2CLA2/0-50 |
| 2CLA3/0-50 | 2ACL-3/0 | AL3/0N | BLUA-3/0D  | YA27A5 | AL3/0-N | -            | ATL302    | 2CLA3/0-50 |
| 2CLA4/0-50 | 2ACL-4/0 | AL4/0N | BLUA-4/0D  | YA28A5 | AL4/0-N | -            | ATL402    | 2CLA4/0-50 |
| 2CLA250-50 | 2ACL-250 | AL250N | BLUA-025D  | YA29A3 | AL250-N | -            | ATL2502   | 2CLA250-50 |
| 2CLA300-50 | 2ACL-300 | AL300N | BLUA-0300D | YA30A3 | AL300-N | -            | ATL3002   | 2CLA300-50 |
| 2CLA350-50 | 2ACL-350 | AL350N | BLUA-035D  | YA31A3 | AL350-N | -            | ATL3502   | 2CLA350-50 |
| 2CLA400-50 | 2ACL-400 | AL400N | BLUA-400D2 | YA32A3 | AL400-N | AL-400 NTN D | ATL4002   | 2CLA400-50 |
| 2CLA500-50 | 2ACL-500 | AL500N | BLUA-050D2 | YA34A3 | AL500 N | AL-500 NTN D | ATL5002   | 2CLA500-50 |
| 2CLA600-50 | 2ACL-600 | AL600N | BLUA-060D2 | YA36A3 | AL600-N | AL 600 NTN D | ATL6002   | 2CLA600-50 |
| 2CLA750-50 | 2ACL-750 | AL750N | BLUA-075D1 | YA39A5 | AL750-N | AL 750 NTN D | ATL7502   | 2CLA750-50 |

See page 35 for product information.

# GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan | IlSCO  | NSI    | Penn Union | Burndy  | Greaves | Homac | T&B    | Galvan |
|--------|--------|--------|------------|---------|---------|-------|--------|--------|
| A-2    | -      | APS02  | -          | -       | -       | -     | APS02  | A-2    |
| A-4    | AK-4/0 | APS04  | -          | -       | -       | -     | APS04  | A-4    |
| A-6    | AK-6   | APS06  | -          | KSA-6   | -       | -     | APS06  | A-6    |
| A-1/0  | AK-1/0 | APS11  | SWA-7      | KSA-1/0 | -       | -     | APS11  | A-1/0  |
| A-2/0  | AK-2/0 | APS21  | SWA-8      | KSA-2/0 | -       | -     | APS21  | A-2/0  |
| A-4/0  | AK-4/0 | -      | SWA-10     | KSA-4/0 | -       | -     | APS41  | A-4/0  |
| A-350  | AK-350 | APS350 | SWA-11     | KSA-350 | -       | -     | APS350 | A-350  |
| A-500  | AK-500 | APS500 | SWA-12     | KSA-500 | -       | -     | APS500 | A-500  |

See page 23 for product information.



| Galvan | IlSCO   | NSI    | Penn Union | Burndy | Greaves | Homac    | T&B   | Galvan |
|--------|---------|--------|------------|--------|---------|----------|-------|--------|
| K-1    | -       | -      | -          | KS-23  | -       | -        | 1H    | K-1    |
| K-2    | IK-2    | N-2    | S-2        | KS-22  | A-7     | E 2 D    | 2H    | K-2    |
| K-4    | IK-4    | N-4    | S-4        | KS-20  | A-5     | E 4 D    | 4H    | K-4    |
| K-6    | IK-6    | N-6    | S-6        | KS-17  | A-3     | E 6 D    | 6H    | K-6    |
| K-8    | IK-8    | N-8    | S-8        | KS-15  | A-2     | -        | 8H    | K-8    |
| K-10   | IK-10   | N-10   | S-10       | KS-90  | A-1     | -        | 9H    | K-10   |
| K-1/0  | IK-1/0  | N-1/0  | S-1/0      | KS-25  | A-10    | E 1/0 D  | 10H   | K-1/0  |
| K-2/0  | IK-2/0  | N-2/0  | S-2/0      | KS-26  | A-11    | E2/0 D   | 20H   | K-2/0  |
| K-3/0  | IK-3/0  | N-3/0  | -          | KS-27  | -       | E 3/0 D  | -     | K-3/0  |
| K-250  | IK-250  | N-250  | S-4/0-250  | KS-29  | A-14    | -        | 40H   | K-250  |
| K-350  | IK-350  | N-350  | S-350      | KS-31  | A-15    | E 350 D  | 350M  | K-350  |
| K-500  | IK-500  | N-500  | S-500      | KS-34  | A-16    | -        | 500M  | K-500  |
| K-750  | IK-750  | N-750  | S-750      | KS-39  | A-17    | E 750 D  | 750M  | K-750  |
| K-1000 | IK-1000 | N-1000 | S-1000     | KS-44  | A-18    | E 1000 D | 1000M | K-1000 |

See page 22 for product information.



## GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan | IlSCO  | NSI      | Penn Union | Burndy | Greaves | Homac   | T&B    | Galvan |
|--------|--------|----------|------------|--------|---------|---------|--------|--------|
| S-1    | SK-2   | -        | SW-6       | KSU-23 | -       | -       | 1HPS   | S-1    |
| S-2    | SK-3   | -        | SW-6       | KSU-22 | A-8-SP  | -       | 2HPS   | S-2    |
| S-4    | SK-4   | N-4SP    | SW-5       | KSU-20 | A-5-SP  | -       | 4HPS   | S-4    |
| S-6    | SK-6   | N-6SP    | SW-4       | KSU-17 | A-3-SP  | E6-GP D | 6HPS   | S-6    |
| S-1/0  | SK-1/0 | N-1/0SP  | SW-7       | KSU-25 | A-10-SP | -       | 10HPS  | S-1/0  |
| S-2/0  | SK-2/0 | N-2/0SP  | SW-8       | KSU-26 | A-11-SP | -       | 20HPS  | S-2/0  |
| S-3/0  | SK-3/0 | N-3/0SP  | SW-9A      | -      | -       | -       | 30HPS  | S-3/0  |
| S-250  | SK-4/0 | -        | SW-10      | KSU-29 | A-14-SP | -       | 40HPS  | S-250  |
| S-350  | SK-350 | N-350-SP | SW-11      | KSU-31 | A-15-SP | -       | 350HPS | S-350  |
| S-500  | SK-500 | N-500-SP | SW-12      | KSU-34 | A-16-SP | -       | 500HPS | S-500  |

See page 23 for product information.



| Galvan | IlSCO  | NSI     | Penn Union | Burndy | Greaves | Homac      | T&B    | Galvan |
|--------|--------|---------|------------|--------|---------|------------|--------|--------|
| SA-1   | AS-1   | ASC1T   | BCUA-1     | YS1CA1 | ASC1T   | -          | ASP1   | SA-1   |
| SA-2   | AS-2   | ASC2T   | BCUA-2     | YS2CA1 | ASC2T   | -          | ASP2   | SA-2   |
| SA-4   | AS-4   | ASC4T   | BCUA-4     | YS4CA1 | ASC4T   | E4-GP D    | ASP4   | SA-4   |
| SA-6   | AS-6   | ASC6T   | BCUA-6     | YS6CA1 | ASC6T   | E 6-GP D   | ASP6   | SA-6   |
| SA-8   | AS-8   | -       | BCUA-8     | -      | -       | E 8 GP D   | ASP8   | SA-8   |
| SA-1/0 | AS-1/0 | ASC1/0T | BCUA-1/0   | YS25A1 | ASC1/0T | E 1/0 GP D | ASP10  | SA-1/0 |
| SA-2/0 | AS-2/0 | ASC2/0T | BCUA-2/0   | YS26A1 | ASC2/0T | -          | ASP20  | SA-2/0 |
| SA-3/0 | AS-3/0 | ASC3/0T | BCUA-3/0   | YS27A1 | ASC3/0T | -          | ASP30  | SA-3/0 |
| SA-4/0 | AS-4/0 | ASC4/0T | BCUA-4/0   | YS28A1 | ASC4/0T | E 250 D    | ASP40  | SA-4/0 |
| SA-250 | AS-250 | ASC250T | BCUA-025   | YS29A1 | ASC250T | -          | ASP250 | SA-250 |
| SA-300 | AS-300 | ASC300T | BCUA-030   | YS30A1 | ASC300T | -          | ASP300 | SA-300 |
| SA-350 | AS-350 | ASC350T | BCUA-035   | YS31A1 | ASC350T | -          | ASP350 | SA-350 |
| SA-400 | AS-400 | ASC400T | BCUA-040   | YS32A1 | ASC400T | -          | ASP400 | SA-400 |
| SA-500 | AS-500 | ASC500T | BCUA-050   | YS34A1 | ASC500T | -          | ASP500 | SA-500 |
| SA-600 | AS-600 | ASC600T | BCUA-060   | YS36A1 | ASC600T | -          | ASP600 | SA-600 |
| SA-750 | AS-750 | ASC750T | BCUA-075   | YS39A1 | ASC750T | -          | ASP750 | SA-750 |

See page 25 for product information.



| Galvan   | IlSCO     | NSI | Penn Union | Burndy  | Greaves  | Homac       | T&B       | Galvan   |
|----------|-----------|-----|------------|---------|----------|-------------|-----------|----------|
| CC1-25   | CRA-1-14  | -   | BLU-1S9    | YA1C-L2 | -        | -           | CTL1-14   | CC1-25   |
| CC1-31   | CRA-1     | -   | BLU-1S     | YA1C-L  | -        | -           | CTL1-516  | CC1-31   |
| CC1-38   | CRA-1-38  | -   | BLU-1S1    | YA1C-L4 | GL-138   | -           | CTL1-38   | CC1-38   |
| CC2-25   | CRA-2     | -   | BLU-2S     | YA2C-L2 | -        | -           | CTL2-14   | CC2-25   |
| CC2-31   | CRB-2     | -   | BLU-2S1    | YA2C-L  | GL-256   | -           | CTL2-516  | CC2-31   |
| CC2-38   | CRC-2     | -   | BLU-2S2    | YA2C-L4 | GL-238   | -           | CTL2-38   | CC2-38   |
| CC4-19   | CRA-4     | -   | BLU-4S     | YA4C-L1 | -        | -           | CTL4-10   | CC4-19   |
| CC4-25   | CRB-4     | -   | BLU-4S1    | YA4C-L  | -        | HL 4-14 D   | CTL4-14   | CC4-25   |
| CC4-31   | CRB-4-516 | -   | BLU-4S10   | YA4C-L3 | GL-456   | -           | CTL4-516  | CC4-31   |
| CC4-38   | -         | -   | BLU-4S2    | YA4C-L4 | GL-438   | -           | CTL4-38   | CC4-38   |
| CC6-19   | CRA-6     | -   | BLU-6S2    | YA6C-L3 | -        | -           | CTL6-516  | CC6-19   |
| CC6-25   | CRB-6     | -   | BLU-6S1    | YA6C-L  | GL-614   | -           | CTL6-14   | CC6-25   |
| CC6-31   | -         | -   | BLU-6S2    | YA6C-L3 | -        | -           | CTL6-516  | CC6-31   |
| CC6-38   | -         | -   | -          | -       | -        | -           | CTL6-38   | CC6-38   |
| CC8-19   | CRA-8     | -   | BLU-8S14   | YA8C-L  | GL-810   | -           | CTL8-10   | CC8-19   |
| CC8-25   | -         | -   | BLU-8S15   | YA8C-L1 | GL-814   | -           | CTL8-14   | CC8-25   |
| CC8-31   | -         | -   | BLU-8S16   | YA8C-L2 | -        | -           | CTL8-516  | CC8-31   |
| CC1/0-25 | CRA-0-14  | -   | BLU-1/0S19 | YA25-L2 | -        | -           | 54152TB   | CC1/0-25 |
| CC1/0-31 | CRA-0     | -   | BLU-1/0S   | YA25-L  | -        | -           | CTL10-516 | CC1/0-31 |
| CC1/0-38 | CRB-0     | -   | BLU-1/0S1  | YA25-L4 | GL-1038  | HL 1/0-39 D | CTL10-38  | CC1/0-38 |
| CC1/0-50 | -         | -   | -          | -       | -        | -           | CTL10-12  | CC1/0-50 |
| CC2/0-38 | CRA-2/0   | -   | BLU-2/0S   | YA26-L  | GL-2038  | HL 2/0-38 D | CTL20-38  | CC2/0-38 |
| CC2/0-50 | -         | -   | BLU-2/0S4  | YA26-L6 | GL-2048  | -           | CTL20-12  | CC2/0-50 |
| CC3/0-38 | CRA-3/0   | -   | BLU-3/0S   | YA27-L4 | GL-3038  | HL 3/0-38 D | CTL30-38  | CC3/0-38 |
| CC3/0-50 | CRB-3/0   | -   | BLU-3/0S1  | YA27-L  | GL-3048  | HL 3/0-48 D | CTL30-12  | CC3/0-50 |
| CC4/0-38 | CRA-4/0   | -   | BLU-4/0S   | YA28-L4 | GL-4038  | HL 4/0-38 D | CTL40-38  | CC4/0-38 |
| CC4/0-50 | CRB-4/0   | -   | BLU-4/0S1  | YA28-L  | GL-4048  | HL 4/0-48 D | CTL40-12  | CC4/0-50 |
| CC250-38 | -         | -   | BLU-025S2  | YA29-L4 | -        | HL 250-38 D | CTL250-38 | CC250-38 |
| CC250-50 | CRA-250   | -   | BLU-025S   | YA29-L  | GL-25048 | -           | CTL250-12 | CC250-50 |
| CC300-50 | CRA-300   | -   | BLU-030S   | YA30-L  | GL-30048 | -           | CTL300-12 | CC300-50 |
| CC300-62 | -         | -   | -          | YA30-L7 | -        | -           | -         | CC300-62 |
| CC350-50 | CRA-350   | -   | BLU035S    | YA31-L  | GL-35048 | -           | CTL350-12 | CC350-50 |
| CC350-62 | -         | -   | BLU-035S3  | YA31-L7 | -        | -           | -         | CC350-62 |
| CC400-50 | CRA-400   | -   | BLU-040S   | YA32-L  | GL-40048 | -           | CTL400-12 | CC400-50 |
| CC400-62 | CRA-4/0   | -   | BLU-4/0S   | YA28-L4 | -        | -           | CTL400-58 | CC400-62 |

See page 36 for product information.



## GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan    | IlSCO   | NSI | Penn Union | Burndy  | Greaves  | Homac       | T&B        | Galvan    |
|-----------|---------|-----|------------|---------|----------|-------------|------------|-----------|
| CC500-50  | CRA-500 | -   | BLU-050S2  | YA34-L6 | GL-50048 | -           | CTL500-12  | CC500-50  |
| CC500-62  | CRA-500 | -   | BLU-050S   | YA34-L  | -        | HL 500-58 D | CTL500-58  | CC500-62  |
| CC600-62  | CRA-600 | -   | BLU-060S   | YA36-L  | -        | -           | CTL600-58  | CC600-62  |
| CC700-62  | CRA-700 | -   | -          | YA38-L  | -        | -           | -          | CC700-62  |
| CC750-62  | CRA-750 | -   | BLU-075S   | YA39-L  | GL-75058 | -           | CTL750-58  | CC750-62  |
| CC1000-75 | -       | -   | BLU-100S4  | -       | GL-10058 | -           | CTL1000-58 | CC1000-75 |

See page 36 for product information.



| Galvan     | IlSCO     | NSI     | Penn Union | Burndy | Greaves | Homac     | T&B         | Galvan     |
|------------|-----------|---------|------------|--------|---------|-----------|-------------|------------|
| CCB1-31    | CRA-1L    | -       | BBLU-1S    | YA1C   | -       | -         | CTL1L-516   | CCB1-31    |
| CCB2-31    | CRA-2L    | -       | BBLU-2S    | YA2C   | -       | L2-38- D  | CTL2L-516   | CCB2-31    |
| CCB4-25    | CRB-4L    | L-414   | BBLU-4S    | YA4C   | -       | -         | CTL4L-14    | CCB4-25    |
| CCB6-25    | CRB-6L    | L-614   | BBLU-6S    | YA6C   | L-614   | -         | CTL6L-14    | CCB6-25    |
| CCB8-25    | CCL-8-10  | -       | -          | -      | -       | L8-14 D   | CTL8L-14    | CCB8-25    |
| CCB1/0-38  | CRA-1/0L  | L-1038  | BBLU-1/0S  | YA25   | -       | -         | CTL10L-516  | CCB1/0-38  |
| CCB2/0-38  | CRA-2/0L  | L-2038  | BBLU-2/0S  | YA26   | L-2038  | -         | CTL20L-38   | CCB2/0-38  |
| CCB2/0-50  | -         | L-2048  | -          | YA26-N | L-2048  | -         | -           | CCB2/0-50  |
| CCB3/0-50  | CRB-3/0L  | L-3048  | BBLU-3/0S  | YA27   | L-3048  | L3/0-48 D | CTL30L-12   | CCB3/0-50  |
| CCB4/0-50  | CRB-4/0L  | L-4048  | BBLU-4/0S  | YA28   | L-4048  | -         | CTL40L-12   | CCB4/0-50  |
| CCB250-50  | CRA-250L  | L-25048 | BBLU-025S  | YA29   | L-25048 | L250-48 D | CTL250L-12  | CCB250-50  |
| CCB300-50  | CRA-300L  | L-30048 | BBLU-030S  | YA30   | L-30048 | -         | CTL300L-12  | CCB300-50  |
| CCB350-50  | CRA-350L  | L-35048 | BBLU-035S  | YA31   | L-35048 | L350-48-D | CTL350L-12  | CCB350-50  |
| CCB400-50  | CRA-400L  | L-40048 | BBLU-040S  | YS32   | L-40048 | -         | CTL400L-58  | CCB400-50  |
| CCB500-50  | CRA-500L  | L-50048 | BBLU-050S  | YA34   | L-50048 | -         | CTL500L-58  | CCB500-50  |
| CCB600-62  | CRA-600L  | L-60058 | BBLU-060S  | YA36   | -       | -         | CTL600L-58  | CCB600-62  |
| CCB750-62  | CRA-750L  | L-75058 | BBLU-075S  | YA39   | L-75058 | -         | CTL750L-58  | CCB750-62  |
| CCB1000-62 | CRA-1000L | L-10058 | BBLU-100S  | YA44   | L-10058 | -         | CTL1000L-58 | CCB1000-62 |

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# GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan      | Ilco       | NSI    | Penn Union | Burndy  | Greaves  | Homac    | T&B      | Galvan      |
|-------------|------------|--------|------------|---------|----------|----------|----------|-------------|
| CCBL1-31    | CRA-1L2    | -      | BBLU-1D    | YA1C-2  | -        | -        | LNC1-516 | CCBL1-31    |
| CCBL2-31    | CRB-2L2    | -      | BBLU-2D    | YA2C-2  | -        | -        | LCN2-516 | CCBL2-31    |
| CCBL4-25    | CRB-4L2    | L4N    | BBLU-4D    | YA4C-2  | -        | -        | LCN4-14  | CCBL4-25    |
| CCBL6-25    | CRB-6L2    | -      | BBLU-6D    | YA6C-2  | -        | -        | LCN6-14  | CCBL6-25    |
| CCBL8-25    | -          | -      | -          | -       | -        | -        | LCN8-14  | CCBL8-25    |
| CCBL1/0-31  | CRA-1/0L2  | -      | BBLU-1/0D  | -       | -        | -        | -        | CCBL1/0-31  |
| CCBL1/0-50  | CRC-1/0L2  | -      | BBLU-1/0D3 | YA25-2  | -        | -        | LCN10    | CCBL1/0-50  |
| CCBL2/0-50  | CRA-2/0L2  | L20N   | BBLU-2/0D  | YA26-2N | L-20-N   | L2/0-N   | LCN-20   | CCBL2/0-50  |
| CCBL3/0-50  | CRB-3/0L2  | L30N   | BBLU-3/0D  | YA27-2N | L-30-N   | L3/0-N D | LCN30    | CCBL3/0-50  |
| CCBL4/0-50  | CRB-4/0L2  | L40N   | BBLU-4/0D  | YA28-2N | L-40-N   | L4/0-N   | LCN-40   | CCBL4/0-50  |
| CCBL250-50  | CRA-250L2  | L250N  | BBLU-025D  | YA29-2N | L-250-N  | L250-N   | LCN-250  | CCBL250-50  |
| CCBL300-50  | CRA-300L2  | L300N  | BBLU-030D  | YA30-2N | L-300-N  | L300-N   | LCN-300  | CCBL300-50  |
| CCBL350-50  | CRA-350L2  | L350N  | BBLU-035D  | YA31-2N | L-350-N  | L350-N   | LCN-350  | CCBL350-50  |
| CCBL400-50  | CRA-400L2  | L400N  | BBLU-040D  | YA32-2N | L-400-N  | L400-N   | LCN-400  | CCBL400-50  |
| CCBL500-50  | CRA-500L2  | L500N  | BBLU-050D  | YA34-2N | L-500-N  | L500-N D | LCN-500  | CCBL500-50  |
| CCBL600-50  | CRA-600L2  | L600N  | BBLU-060D  | YA36-2N | L-600-N  | L600-N   | LCN-600  | CCBL600-50  |
| CCBL750-50  | CRA-750L2  | L750N  | BBLU-075D  | YA39-2N | L-750-N  | L750-N   | LCN-75   | CCBL750-50  |
| CCBL1000-50 | CRA-1000L2 | L1000N | BBLU-100D  | -       | L-1000-N | L1000-N  | LCN-1000 | CCBL1000-50 |

See page 39 for product information.



| Galvan | Ilco    | NSI   | Penn Union | Burndy | Greaves | Homac    | T&B      | Galvan |
|--------|---------|-------|------------|--------|---------|----------|----------|--------|
| CF-25  | SLU-25  | DE703 | SLU-25     | KLU25  | D-703   | -        | BTC-1014 | CF-25  |
| CF-35  | SLU-35  | DE704 | SLU-35     | KLU35  | D-704   | -        | BTC-0614 | CF-35  |
| CF-90  | SLU-70  | DE705 | SLU-70     | KLU70  | D-705   | CB-70 D  | BTC-0208 | CF-90  |
| CF-125 | SLU-125 | DE706 | SLU-125    | KLU125 | D-706   | CB-125 D | BTC-1102 | CF-125 |
| CF-175 | SLU-175 | DE713 | SLU-175    | KLU175 | D-713   | -        | BTC-3104 | CF-175 |
| CF-225 | SLU-225 | DE707 | SLU-225    | KLU225 | D-707   | -        | BTC-4102 | CF-225 |
| CF-300 | SLU-300 | DE710 | SLU-300    | KLU300 | D-710   | CB-300 D | BTC-3511 | CF-300 |
| CF-400 | SLU-400 | DE708 | SLU-400    | KLU400 | D-708   | CB-400 D | BTC-5011 | CF-400 |
| CF-650 | SLU-650 | DE709 | SLU-650    | KLU650 | D-709   | -        | BTC-9960 | CF-650 |

See page 42 for product information.



## GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan    | IlSCO   | NSI      | Penn Union | Burndy | Greaves  | Homac         | T&B       | Galvan    |
|-----------|---------|----------|------------|--------|----------|---------------|-----------|-----------|
| CLA1-25   | ACL-1   | AL1-14   | BLUA-1S1   | YA1CA1 | AL1-14   | -             | ATL-1-14  | CLA1-25   |
| CLA1-31   | ACN-1   | -        | BLUA-1S3   | -      | -        | -             | ATL1-516  | CLA1-31   |
| CLA1-38   | -       | -        | BLUA-1S    | YA1CA1 | -        | -             | ATL1-38   | CLA1-38   |
| CLA2-25   | ACL-2   | AL2-14   | BLUA-2S3   | YA2CA1 | AL2-14   | -             | ATL2-14   | CLA2-25   |
| CLA2-31   | ACN-2   | -        | BLUA-2S4   | YA2CA1 | -        | -             | ATL2-516  | CLA2-31   |
| CLA2-38   | -       | -        | BLUA-2S    | YA2CA3 | -        | -             | ATL2-38   | CLA2-38   |
| CLA4-25   | ACL-4   | AL4-14   | BLUA-4S3   | YA4CA1 | AL4-14   | AL4-14-TND    | ATL4-14   | CLA4-25   |
| CLA4-31   | ACN-4   | -        | BLUA-4S2   | YA4CA3 | -        | -             | ATL4-516  | CLA4-31   |
| CLA4-38   | -       | -        | -          | -      | -        | -             | ATL4-38   | CLA4-38   |
| CLA6-25   | ACL-6   | AL6-14   | BLUA-6S    | YA6CA1 | AL6-14   | AL6-14 TN D   | ATL6-14   | CLA6-25   |
| CLA6-31   | -       | -        | BLUA-6S2   | -      | -        | -             | -         | CLA6-31   |
| CLA6-38   | -       | -        | -          | -      | -        | -             | ATL6-38   | CLA6-38   |
| CLA8-25   | ACL-8   | -        | BLUA-8S    | YA8CA3 | AL8-14   | -             | ATL8-14   | CLA8-25   |
| CLA1/0-25 | -       | -        | -          | YA25A1 | -        | -             | -         | CLA1/0-25 |
| CLA1/0-31 | ACN-1/0 | -        | BLUA-1/0S3 | YA25A1 | AL1/0-38 | -             | ATL10-516 | CLA1/0-31 |
| CLA1/0-38 | ACL-1/0 | AL1/0-38 | BLUA-1/0S* | YA25A3 | -        | -             | ATL10-38  | CLA1/0-38 |
| CLA1/0-50 | -       | -        | -          | -      | -        | -             | ATL10-12  | CLA1/0-50 |
| CLA2/0-31 | -       | -        | -          | -      | -        | -             | -         | CLA2/0-31 |
| CLA2/0-38 | ACL-2/0 | AL2/0-38 | BLUA-2/0S6 | YA26A6 | AL2/0-38 | -             | ATL20-38  | CLA2/0-38 |
| CLA3/0-31 | -       | -        | -          | YA27A3 | -        | -             | -         | CLA3/0-31 |
| CLA3/0-38 | ACL-3/0 | AL3/0-38 | BLUA-3/0S2 | YA27A1 | AL3/0-38 | -             | ATL30-38  | CLA3/0-38 |
| CLA4/0-31 | -       | -        | -          | YA28A1 | -        | -             | -         | CLA4/0-31 |
| CLA4/0-38 | ACL-4/0 | AL4/0-38 | BLUA-4/0S2 | YA28A1 | AL4/0-38 | -             | ATL40-38  | CLA4/0-38 |
| CLA4/0-50 | ACN-4/0 | AL4/0-48 | BLUA-4/0S  | YA28A3 | AL4/0-48 | -             | ATL40-12  | CLA4/0-50 |
| CLA250-50 | ACL-250 | AL250-48 | BLUA-025S  | YA29A1 | AL250-48 | -             | ATL250-12 | CLA250-50 |
| CLA300-38 | -       | -        | -          | -      | -        | -             | ATL300-38 | CLA300-38 |
| CLA300-50 | ACL-300 | AL300-48 | BLUA-030S1 | YA30A1 | AL300-48 | -             | ATL300-12 | CLA300-50 |
| CLA350-50 | ACL-350 | AL350-48 | BLUA-035S1 | YA31A1 | AL350-48 | -             | ATL350-12 | CLA350-50 |
| CLA400-50 | -       | AL400-48 | BLUA-040S1 | YA32A1 | AL400-48 | AL-400-48-TND | ATL400-58 | CLA400-50 |
| CLA500-50 | ACL-500 | AL500-48 | BLUA-050S2 | YA34A1 | AL500-48 | AL-500-48-TND | ATL500-12 | CLA500-50 |
| CLA600-62 | ACL-600 | AL600-58 | BLUA-060S1 | YA36A1 | AL600-58 | AL-600-58-TND | ATL600-58 | CLA600-62 |
| CLA750-62 | ACL-750 | AL750-58 | BLUA-075S1 | YA39A3 | AL750-58 | AL-750-58-TND | ATL750-58 | CLA750-62 |

See page 34 for product information.

# GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan   | IlSCO    | NSI    | Penn Union | Burndy | Greaves | Homac   | T&B    | Galvan   |
|----------|----------|--------|------------|--------|---------|---------|--------|----------|
| CSL-1    | CTL-1    | -      | BBCU-1     | YS1C   | C-1     | -       | CU1    | CSL-1    |
| CSL-2    | CTL-2    | C-2    | BBCU-2     | YS2C   | C-2     | C-2 D   | CU2    | CSL-2    |
| CSL-4    | CTL-4    | C-4    | BBCU-4     | YS4C   | C-4     | C-4     | CU4    | CSL-4    |
| CSL-6    | CTL-6    | C-6    | BBCU-6     | YS6C   | C-6     | C-6     | CU6    | CSL-6    |
| CSL-8    | CTL-8    | -      | -          | YS8C   | -       | -       | CU8    | CSL-8    |
| CSL-1/0  | CTL-1/0  | C-1/0  | BBCU-1/0   | YS25   | C-1/0   | C-1/0   | CU10   | CSL-1/0  |
| CSL-2/0  | CTL-2/0  | C-2/0  | BBCU-2/0   | YS26   | C-2/0   | C-2/0   | CU20   | CSL-2/0  |
| CSL-3/0  | CTL-3/0  | C-3/0  | BBCU-3/0   | YS27   | C-3/0   | C-3/0 D | CU30   | CSL-3/0  |
| CSL-4/0  | CTL-4/0  | C-4/0  | BBCU-4/0   | YS28   | C-4/0   | C 4/0 D | CU40   | CSL-4/0  |
| CSL-250  | CTL-250  | C-250  | BBCU-025   | YS29   | C-250   | C-250   | CU250  | CSL-250  |
| CSL-300  | CTL-300  | C-300  | BBCU-030   | YS30   | C-300   | C-300   | CU300  | CSL-300  |
| CSL-350  | CTL-350  | C-350  | BBCU-035   | YS31   | C-350   | C-350   | CU350  | CSL-350  |
| CSL-400  | CTL-400  | C-400  | BBCU-040   | YS32   | C-400   | C-400   | CU400  | CSL-400  |
| CSL-500  | CTL-500  | C-500  | BBCU-050   | YS34   | C-500   | C-500   | CU500  | CSL-500  |
| CSL-600  | CTL-600  | C-600  | BBCU-060   | YS36   | C-600   | C-600   | CU600  | CSL-600  |
| CSL-750  | CTL-750  | C-750  | BBCU-075   | YS39   | C-750   | C-750   | CU750  | CSL-750  |
| CSL-1000 | CTL-1000 | C-1000 | BBCU-100   | YS44   | C-1000  | C-1000  | CU1000 | CSL-1000 |

See page 41 for product information.



| Galvan  | IlSCO   | NSI | Penn Union | Burndy | Greaves | Homac    | T&B      | Galvan  |
|---------|---------|-----|------------|--------|---------|----------|----------|---------|
| CFS-35  | SLS-35  | -   | -          | -      | -       | -        | STC-0614 | CFS-35  |
| CFS-70  | SAS-70  | -   | -          | KPA-4C | -       | CS-70 D  | STC-0414 | CFS-70  |
| CFS-125 | SLS-125 | -   | -          | KPA-25 | -       | CS-125 D | STC-1102 | CFS-125 |
| CFS-225 | SLS-225 | -   | -          | KPA-28 | -       | CS-225 D | STC-4102 | CFS-225 |
| CFS-400 | SLS-400 | -   | -          | KPA-34 | -       | CS-400 D | STC-5011 | CFS-400 |

See page 42 for product information.



## GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan   | IlSCO   | NSI     | Penn Union | Burndy | Greaves | Homac    | T&B     | Galvan   |
|----------|---------|---------|------------|--------|---------|----------|---------|----------|
| CSS-1    | CT-1    | SC-1    | BCU-1      | YS1C-L | SC-1    | SC-1     | CSP1    | CSS-1    |
| CSS-2    | CT-2    | SC-2    | BCU-2      | YS2C-L | SC-2    | SC-2     | CSP2    | CSS-2    |
| CSS-4    | CT-4    | SC-4    | BCU-4      | YS4C-L | SC-4    | SC-4     | CSP4    | CSS-4    |
| CSS-6    | CT-6    | SC-6    | BCU-6      | YS6C-L | SC-6    | SC-6     | CSP6    | CSS-6    |
| CSS-8    | CT-8    | SC-8    | BCU-8      | YS8C-L | SC-8    | SC-8     | CSP8    | CSS-8    |
| CSS-1/0  | CT-1/0  | SC-1/0  | BCU-1/0    | YS25-L | SC-1/0  | SC-1/0   | CSP10   | CSS-1/0  |
| CSS-2/0  | CT-2/0  | SC-2/0  | BCU-2/0    | YS26-L | SC-2/0  | SC-2/0   | CSP20   | CSS-2/0  |
| CSS-3/0  | CT-3/0  | SC-3/0  | BCU-3/0    | YS27-L | SC-3/0  | SC-3/0   | CSP30   | CSS-3/0  |
| CSS-4/0  | CT-4/0  | SC-4/0  | BCU-4/0    | YS28-L | SC-4/0  | SC-4/0   | CSP40   | CSS-4/0  |
| CSS-250  | CT-250  | SC-250  | BCU-025    | YS29-L | SC-250  | SC-250   | CSP250  | CSS-250  |
| CSS-300  | CT-300  | SC-300  | BCU-030    | YS30-L | SC-300  | SC-300   | CSP300  | CSS-300  |
| CSS-350  | CT-350  | SC-350  | BCU-035    | YS31-L | SC-350  | SC-350   | CSP350  | CSS-350  |
| CSS-400  | CT-400  | SC-400  | BCU-040    | YS32-L | SC-400  | SC-400   | CSP400  | CSS-400  |
| CSS-500  | CT-500  | SC-500  | BCU-050    | YS34-L | -       | SC-500 D | CSP500  | CSS-500  |
| CSS-600  | CT-600  | SC-600  | -          | YS36-L | SC-600  | SC-600   | CSP600  | CSS-600  |
| CSS-750  | CT-750  | SC-750  | BCU-075    | YS39-L | SC-750  | SC-750   | CSP750  | CSS-750  |
| CSS-1000 | CT-1000 | SC-1000 | BCU-100    | YS44-L | SC-1000 | SC-1000  | CSP1000 | CSS-1000 |

See page 40 for product information.



| Galvan  | IlSCO  | NSI | Penn Union | Burndy | Greaves | Homac     | T&B    | Galvan  |
|---------|--------|-----|------------|--------|---------|-----------|--------|---------|
| FLC-4   | CP-4   | -   | PLN-4      | KA-4C  | D-801   | MLD 4 D   | L70    | FLC-4   |
| FLC-8   | CP-8   | -   | PLN-8      | KA-8C  | D-800   | MLD 8 D   | L35    | FLC-8   |
| FLC-1/0 | CP-0   | -   | PNL-1/0    | -      | D-802   | MLD 1/0 D | L125BB | FLC-1/0 |
| FLC-250 | CP-250 | -   | PNL-250    | -      | D-804   | -         | L250   | FLC-250 |

See page 43 for product information.

## GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan      | IlSCO       | NSI | Penn Union  | Burndy       | Greaves | Homac | T&B     | Galvan<br>Discontinued # |
|-------------|-------------|-----|-------------|--------------|---------|-------|---------|--------------------------|
| IPC-1/0-2   | IPC-1/0-2   | -   | IPC-1/0-2   | BIPC 1/0-2   | -       | -     | IPC1102 | NHT1102                  |
| IPC-350-350 | IPC-350-350 | -   | IPC-350-350 | BIPC 350-350 | -       | -     | IPC3535 | NHT3535                  |
| IPC-4/0-2/0 | IPC-4/0-2/0 | -   | IPC-4/0-1/0 | BIPC 4/0-1/0 | -       | -     | IPC4111 | NHT4111                  |
| IPC-500-4/0 | IPC-500-4/0 | -   | IPC-500-4/0 | BIPC 500-4/0 | -       | -     | IPC5041 | NHT5041                  |

See page 24 for product information.



| Galvan | IlSCO       | NSI | Penn Union | Burndy | Greaves | Homac | T&B      | Galvan |
|--------|-------------|-----|------------|--------|---------|-------|----------|--------|
| TC-1/0 | GTC-0       | -   | GTC-1/0    | -      | -       | -     | TC-10    | TC-1/0 |
| TC-2   | GTC-2       | -   | GTC-2      | -      | -       | -     | TC-2     | TC-2   |
| TC-250 | GTC-250-350 | -   | GTC-250    | -      | -       | -     | TC-250   | TC-250 |
| TC-350 | GTC-250-350 | -   | GTC-350    | -      | -       | -     | TC-350BB | TC-350 |
| TC-500 | GTC-500     | -   | GTC-500    | -      | -       | -     | TC-500   | TC-500 |
| TC-750 | GTC-750-500 | -   | GTC-750    | -      | -       | -     | TC-750   | TC-750 |

See page 32 for product information.



## GALVAN CATALOG CROSS REFERENCE SECTION



### Copper

**Note:** RUS accepts 10 and 13 mils of copper coating. Please refer to page 5.

| Galvan   | nVent  | Hubbell | Joslyn | So. GRD |
|----------|--------|---------|--------|---------|
| 5005     | 611255 | -       | -      | -       |
| 5006     | 611265 | -       | J8326  | C126    |
| 5008L    | 611380 | C611380 | J8328  | C128    |
| 5010L    | 611300 | C611300 | J8330  | C1210   |
| 6255     | N/A    | C615855 | J8335  | -       |
| 6255-10M | 615850 | -       | -      | C585    |
| 6256     | N/A    | -       | J8336  | -       |
| 6256-10M | 615860 | -       | -      | C586    |
| 6258     | 615880 | C615880 | J8338  | C588    |
| 6258G13  | 615883 | C615883 | -      | C58813  |
| 6260G13  | 615803 | -       | -      | -       |
| 6260     | 615800 | C615800 | J8340  | C5810   |
| 6262     | 615812 | -       | -      | -       |
| 7508     | 613480 | C613480 | J8348  | C348    |
| 7510     | 613400 | C613400 | J8350  | C3410   |
| 1010     | 614400 | -       | J8370  | C110    |

See page 6 for product information.



### Sectional

**Note:** RUS now accepts 10 and 13 mils of copper coating. Please refer to page 5.

| Galvan   | nVent  | Hubbell | Joslyn   | So. GRD |
|----------|--------|---------|----------|---------|
| 5008LS   | 631380 | C631380 | -        | -       |
| 5010LS   | 631300 | C631300 | -        | -       |
| 6258S    | 635880 | C635880 | J9158    | CS588   |
| 6258G13S | 635883 | C635883 | J9158-13 | -       |
| 6260S    | 635800 | C635800 | J9160    | CS5810  |
| 7508S    | 633480 | C633480 | J9168    | CS348   |
| 7510S    | 633400 | C633400 | J9170    | CS3410  |
| 1010S    | 634400 | -       | J9190    | -       |

See page 6 for product information.



### Galvanized

| Galvan        | nVent  | Hubbell | Joslyn | So. GRD |
|---------------|--------|---------|--------|---------|
| GR5005        | -      | 8565    | J5315  | Z125    |
| GR5006        | -      | 8566    | J5316  | Z126    |
| GR5008        | -      | 8568    | J5318  | Z128    |
| GR6255F       | 811350 | -       | -      | Z585    |
| GR6256F       | 815860 | 8576    | J5326  | Z586    |
| GR6258 (UL)   | -      | -       | -      | -       |
| GR6258F (UL)  | 815880 | 8578    | J5328  | ZZ588   |
| GR6258FP (UL) | 815889 | -       | -      | -       |
| GR6250F (UL)  | 815800 | 8580    | -      | Z5810   |
| GR7508F (UL)  | 813480 | 8618    | J5338  | Z348    |
| GR7510F (UL)  | 813400 | 8620    | J5340  | Z3410   |
| GR1010F (UL)  | 814400 | -       | -      | Z110    |

See page 7 for product information.

**Note:** Most competitor's galvanized rods are not listed. Verify before purchasing to see if the rods are listed. Refer to page 7.



## Stainless Steel

Most competitors stainless steel ground rods are not listed. Check before purchasing to verify the ground rods are listed.

| Galvan  | nVent   | Joslyn | So. GRD |
|---------|---------|--------|---------|
| S6255S  | -       | -      | -       |
| S6256   | -       | -      | -       |
| S6258F  | 685880  | -      | SS588   |
| S6260F  | 685800  | -      | SS5810  |
| S6260SF | 685880S | -      | -       |
| S6212   | -       | -      | -       |
| S7510F  | 683400  | -      | SS3410  |
| S7510SF | 683400S | -      | -       |
| S1010F  | -       | -      | -       |
| S1010SF | -       | -      | -       |

See page 8 for product information.

| Galvan  | nVent | Joslyn | So. GRD |
|---------|-------|--------|---------|
| GRC-58G | GCC58 | J26512 | 58CCZ   |
| GRC-34G | -     | -      | -       |

See page 14 for product information.

| Galvan   | nVent | Joslyn | So. GRD |
|----------|-------|--------|---------|
| GRC-58SS | -     | -      | -       |
| GRC-34SS | -     | -      | -       |

See page 14 for product information.

| Galvan    | nVent | Joslyn | So. GRD |
|-----------|-------|--------|---------|
| GRC-58SST | GSC58 | -      | -       |
| GRC-34SST | -     | -      | -       |

See page 14 for product information.

| Galvan | nVent | T&B Chance | Hubbell/ | Joslyn | So. GRD |
|--------|-------|------------|----------|--------|---------|
| 50-LC  | CR12S | 50LC       | CTC12    | J-9180 | 12C     |
| 60-C   | CR58  | 60C        | CTC58    | J9182  | 58C     |
| 70-C   | CR34  | 70C        | CTC34    | J9183  | 34C     |
| 80-C   | CR100 | 80C        | -        | -      | -       |

See page 14 for product information.

| Galvan | nVent | T&B Chance | Hubbell/ | Joslyn | So. GRD |
|--------|-------|------------|----------|--------|---------|
| 50-TC  | CC12F | -          | CCC12    | -      | 12DC    |
| 60-TC  | CC58  | 60CNT2     | CCC58    | -      | 58DC    |
| 70-TC  | CC34  | 70CNT      | CCC34    | -      | 34DC    |

See page 14 for product information.



## GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan | nVent | T&B   | Penn Union | Hubbell/Chance | Joslyn |
|--------|-------|-------|------------|----------------|--------|
| 50-LDS | DS12S | 50LDS | P50DS      | CTDH 12        | J-9185 |
| 60-DS  | DS58  | 60DS  | P60DS      | CTDH 58        | J-9186 |
| 70-DS  | DS34  | 70DS  | P70DS      | CTDH 34        | J-9187 |
| 80-DS  | DS1   | 80DS  | P80DS      | -              | -      |

See page 15 for product information.



| Galvan            | nVent  | T&B    | Penn Union | Hubbell/Chance | Burndy |
|-------------------|--------|--------|------------|----------------|--------|
| G-3               | CP38   | G3     | -          | -              | -      |
| G-4 (use G-5)     | CP12   | G4     | CEB-1      | GC-4           | GRC12  |
| <b>G-5* (RUS)</b> | CP58   | G5     | CEB-2      | GC-5           | GRC58  |
| G5P (plated)      | S68    | -      | -          | -              | -      |
| G-6 (use SRC)     | CP34   | G6     | CEB-3      | GC-6           | GRC34  |
| JAB12H            | HDC12  | JAB12H | CAB-1      | -              | GRD12  |
| JAB58H            | HDC58R | JAB58H | CAB-2      | -              | GRD58  |
| JAB58HH           | HDC58  | -      | -          | -              | -      |
| JAB34H            | HDC34  | JAB34H | CAB-3      | -              | GRD34  |
| JAB1H             | HDC1   | JAB1H  | -          | -              | -      |
| <b>SRC</b>        | CP34   | -      | -          | -              | -      |
| SRC-SS            | SP-58  | -      | -          | -              | -      |

**Note:** Galvan's G-5 and SRC are UL listed for copper, galvanized and stainless steel grounds rods, and listed for rebar and are range taking. Please see pages 12 and 13.



| Galvan | nVent  | T&B   | Penn |
|--------|--------|-------|------|
| GC     | CWP1J  | J     | 8100 |
| GCJ    | CWP1JJ | JJR   | -    |
| DCG    | ZWP1J  | BJ1   | -    |
| JD     | CWP1JU | JD    | -    |
| JD2    | CWP2JU | J2D   | -    |
| GC2    | CWP2J  | J2BB  | 8101 |
| G2124  | CWP4J  | J2124 | 8102 |
| G4146  | CWP6J  | J6    | -    |

See page 16 for product information.



| Galvan | nVent | T&B | Penn |
|--------|-------|-----|------|
| K1     | -     | K1  | 8201 |
| K2     | -     | K2  | 8200 |
| K3     | -     | K3  | -    |
| KUL    | -     | KUL | -    |

See page 21 for product information.

# GALVAN CATALOG CROSS REFERENCE SECTION



| Galvan | nVent | T&B | Joslyn |
|--------|-------|-----|--------|
| CC167P | -     | -   | CC167P |

See page 21 for product information.



| Galvan   | Fargo/<br>Hubbell | Joslyn/<br>MacLean | nVent  | T&B     |
|----------|-------------------|--------------------|--------|---------|
| VC-6SH   | —                 | BV6                | —      | —       |
| VC-6SH-P | GC-5006SH         | —                  | —      | VGC68SH |
| VC-4     | GC-5004           | BVC-4              | —      | VGC44   |
| VC-2     | GC-5002           | BVC-2              | VC-62  | VGC23   |
| VC-2S    | GC-5002S          | BVC-2S             | —      | VGC12   |
| VC-20    | GC-5020           | BVC-20             | —      | VGC2020 |
| VC-20S   | GC-5020S          | BVC-20S            | VC-20S | VGC3020 |
| VC-40    | GC-5040           | BVC-40             | —      | VGC4040 |

See page 19 for product information.



| Galvan | Blackburn<br>/T&B | Penn<br>Union | Burndy  | Anderson  | Dossert   |
|--------|-------------------|---------------|---------|-----------|-----------|
| TTC-2  | TTC2              | GSE-020       | EQC632C | GTCL-34A  |           |
| TTC-3  | TTC3              | GSE-C1        |         | GTCL-23A  | TGC8-50   |
| TTC-4  | TTC4              |               |         |           |           |
| TTC-2P | TTC2P             |               |         |           |           |
| TTC-3P | TTC3P             | GSE-C1TN      |         | GTC23A-TP | TGC8-50SN |
| TTC-4P | TTC4P             |               |         |           |           |

See page 19 for product information.



| Galvan  | Blackburn<br>/T&B | Anderson         |
|---------|-------------------|------------------|
| PAC 345 | PAC 345           | LC511, LC522     |
| PAC7    | PAC7              | LC811            |
| PAC3459 | PAC3459           | LC511XB, LC522XB |
| PAC79   | PAC79             | LC811XB          |

See page 20 for product information.



# TERMS AND CONDITIONS

## 1. Definitions

"Seller" means GALVAN INDUSTRIES, INC.; "Buyer" means the company, person or other entity who is the purchaser of the Goods; "Goods" means any goods or materials ordered and sold pursuant to the terms and conditions set forth herein.

## 2. Price

Unless otherwise stated, price of the Goods shall be the price in effect at the date and time of shipment. Seller reserves the right to adjust price based on volume purchases; any discounts allowed for volume purchases will be in the Seller's sole discretion. Price does not include any sales, use, excise or similar taxes which shall be added to the price of the Goods and shall be the responsibility of Buyer. Unless otherwise stated, minimum order is \$125.00 (excluding freight) on any single order. Each shipment will be separately invoiced.

## 3. Payments Terms

Terms of payment are net thirty (30) days. Interest on late payments shall be applicable at the rate of one and one-half percent (1.5%) per month or an annual percentage rate of eighteen (18%) per annum. In addition, Buyer shall be obligated for Seller's reasonable attorneys' fees that may be incurred by Seller to collect any sums due Seller hereunder. Seller reserves the right to apply any payments received from Buyer to any outstanding invoice of Seller in Seller's sole discretion.

## 4. Freight

The purchase price of the Goods shall be F.O.B. shipping point with respect to orders of equal to or greater than the present pre-paid dollar amount to a single destination. If Buyer specifies a more costly routing and/or handling than would be normally applicable, or if priority shipping is requested, total shipping charges are chargeable to Buyer regardless of freight allowance terms. In situations of "prepay and add" Galvan is unable to provide a copy of the actual freight bill due to agreements with our carriers regarding rate disclosure confidentiality.

## 5. Delivery

- (a) Seller's place and point of delivery shall be deemed to be delivery to a carrier at Seller's plant in Harrisburg, N.C., or such other designated shipping point designated by Seller. If Buyer fails to furnish complete shipping directions to Seller within a reasonable time of placing the order, Seller, in Seller's discretion, may make necessary shipping arrangements with a carrier selected by Seller, the cost of which shall be paid by Buyer.
- (b) If and to the extent a delivery date is stated, it is the estimated delivery date only. All accepted orders, whether or not delivery dates are specified thereon, shall be subject to delays or failures in manufacture or delivery due to causes beyond the control of Seller or carrier. Buyer's obligations shall continue notwithstanding any delay in delivery, provided if performance by Seller is prevented in whole or in part for a period of three (3) consecutive months, then in such event Seller or Buyer (provided Buyer is not responsible for the delay) may cancel any order that has not been shipped as of such date.
- (c) If Buyer is unable for any reason to accept delivery of the Goods according to the mutually established schedule, Seller at its option and after three (3) days written notice to Buyer may place the Goods in storage, in which event Buyer shall pay any and all storage or other related costs. If Buyer fails to accept any delivery or part thereof, then Seller may at its option treat such failure as a breach of this Agreement and exercise any and all remedies available to it pursuant to the terms and conditions set forth herein or available to it as a matter of law.

## 6. Credit

Seller's obligations are at all times subject to Seller's approval of Buyer's credit standing. Upon request, Buyer shall furnish Seller such credit information as may be customary and as may be reasonably requested by Seller. Seller, at its discretion, reserves the right to require payment in advance or C.O.D. and/or otherwise modify credit terms. If at any time Buyer is past due with respect to amounts due Seller, Seller at its option (without liability or prejudice to any other remedies), may decline to ship, or stop any Goods in transit, until such time Seller receives payment in full of all amounts owing to it by Buyer or otherwise receives assurances satisfactory to Seller of such payment.

## 7. Risk of Loss

Risk of loss or damage to the Goods shall be solely that of Buyer upon delivery to a carrier for shipment; any loss or damage subsequent to such delivery shall not be the responsibility of Seller, provided further any such loss shall not release Buyer from Buyer's obligation to pay for the Goods. Any claim for damage or loss in transit must be asserted by Buyer against the carrier.

## 8. Warranty

**Seller warrants that the Goods will conform to the description stated herein subject to tolerances and variations consistent with current trade practices, testing and inspections methods. Seller makes no other warranties hereunder, expressed or implied. Seller specifically disclaims any implied warranties of merchantability or fitness for a particular purpose.**

## 9. Claims

- (a) Buyer shall inspect the Goods immediately upon receipt. Any claim that the Goods have been damaged or otherwise do not conform must be made to Seller in writing within ten (10) days of receipt of such Goods by Buyer. All claims for defective or non-conforming Goods must be submitted in writing to Galvan Industries, Inc., accompanied with a copy of the signed bill-of-lading noting the damage/shortages, and any other information (photos, etc) supporting your claim. PO Box 369, Harrisburg, NC 28075. In the absence of such notice, the Goods shall be deemed to be accepted by Buyer.
- (b) With respect to any valid claims properly submitted hereunder, Buyer's exclusive remedy and Seller's sole liability shall be limited to Seller repairing or replacing Goods that do not conform to specifications, or at Seller's sole option refunding the purchase price of the Goods. In no event shall Seller have any liability to damages in connection with the sale of the Goods in an amount exceeding the purchase price of the Goods sold. Seller shall have no liability for any consequential, special or indirect damages.
- (c) Claims for quantity deviations or unit pricing errors are deemed waived unless submitted in writing within thirty (30) days of notice of invoice.

## 10. Quotations

Quotations, based on plans and specifications, are Seller's interpretation of the requirements and include only the material described and listed on the quotation unless otherwise stated. Quotations will be in writing and unless otherwise specified will remain in effect for a period of thirty (30) days from issue date. Formal written purchase orders for work covered by any quotation submitted must be received within forty-five (45) days from the date of quotation. Prices and inventory classifications are subject to changes without notice, and are those in effect at the time of shipment.

## 11. Errors

Galvan reserves the right to correct at any and all times any errors and omissions relating to any component or item upon which a purchase order may be based, including, but not limited to, clerical or stenographic errors or omissions as may relate to quotations, price, catalog and other materials supplied by Galvan, or other terms and conditions as reasonably determined by Seller.

## 12. Returns

Goods may be returned for credit upon request and upon Seller's approval for return authorization. Any returned items are subject to reasonable restocking charges which shall be deemed to be twenty-five percent (25%) of the price of the Goods returned. Any returned items must be in saleable condition, in the original standard packages, and conform to current catalog descriptions. All returned material is to be shipped to seller freight prepaid. Unless otherwise stated, these terms and conditions govern the purchase and sale of the Goods. All terms and conditions, including price, are subject to change without notice as to any Goods not shipped as of the effective date of such change.

## 13. Cancellation

Orders received and accepted by Seller may not be cancelled or changed subsequent to delivery, prior to that date such orders received and accepted by Seller with the written permission of Seller. Any cancellation or change shall be subject to applicable charges for labor, material, and other costs actually incurred by Seller.

## 14. Seller's Remedies

If Buyer cancels this Agreement prior to shipment for any reason, without Seller's consent, Buyer shall pay Seller for all costs and expenses incurred by Seller, including the cost of all work executed or performed; any special engineering costs and commitments made by Seller prior to the time of cancellation; and all other incidental and storage costs incurred prior to resale.

## 15. Binding Nature

These terms and conditions shall be binding upon the parties hereto, their successors and assigns.

## 16. Authority

Any person, employee or agent otherwise acting on behalf of Buyer hereunder shall be deemed to have full authority to act on behalf of Buyer which Seller may rely on exclusively without further inquiry.

## 17. Governing Law

This Agreement shall be construed in accordance with and governed by laws of the state of North Carolina.

# Sales Training Videos

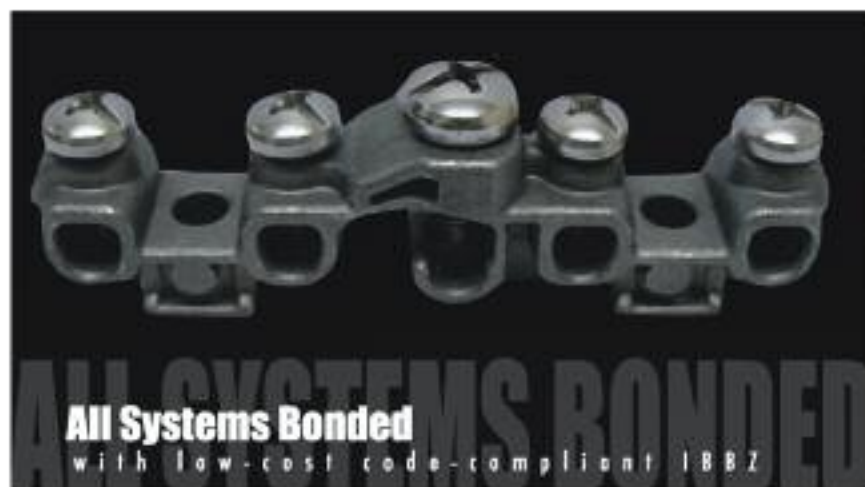
See them all at <https://galvanelectrical.com/product-video/>



For UL-listed galvanized and copper-coated ground rods



For Galvan G-5 and SRC universal ground rod clamps



For Galvan's low-cost IBBZ intersystem bonding bridge



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# **GALVAN INDUSTRIES, INC.**

**Electrical Products Division**  
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