

# nVent ERICO Cadweld One Shot for Rail, Cable to Ground Rod, GR (ONE SHOT), 3/4" dia, 10 mm<sup>2</sup> Connection, Solid

## Data Solutions

### CATALOG NUMBER

**SBGR1181G**



nVent ERICO Cadweld applications for railway properties utilize the nVent ERICO Cadweld Plus F80 and the nVent ERICO Cadweld F80 welding material alloys. nVent ERICO Cadweld exothermically welded connections are engineered to provide a permanent, molecular bond that will not loosen or corrode, enabling connection of dissimilar materials. The connections are designed to perform for the life of the conductor and/or installation. The nVent ERICO Cadweld connection has a current carrying capacity equal to or greater than that of the conductor and will withstand repeated fault currents without failing during operation. Once completed, installers can clearly ensure quality by visually inspecting the new connection.

### FEATURES

For use with rail applications

Single use ceramic mold which eliminates the need for a graphite mold and handle clamp/frame (T320 flint igniter not included)

Produces a permanent connection that will not loosen or corrode

Fits plain copper-bonded, threaded copper-bonded, full-size galvanized and stainless steel ground rods

Supplied with F80 welding material

NEC® compliant

### PRODUCT ATTRIBUTES

Mold Family: GR (ONE SHOT) Mold Family

Ground Rod Diameter, Nominal: 0.75in

Ground Rod Diameter, Actual (Ø): 17.09 – 19.43mm

Connection, Solid: 10mm<sup>2</sup>

Connection, Stranded: 10mm<sup>2</sup>

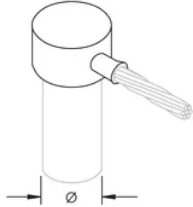
## ADDITIONAL PRODUCT DETAILS

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

## DIAGRAMS

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## WARNING

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nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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