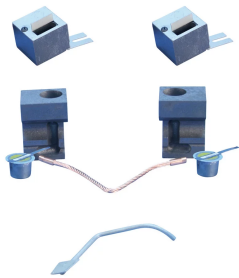


# nVent ERICO Cadweld Plus Rail Joint Bond Kit, Signal, Tab Style



The nVent ERICO Cadweld joint bonds are intended to be welded to the head of the rail profile within the confines of the joint bar. To ensure connection integrity, the attachment shall be made using nVent ERICO Cadweld Plus welding material.

## FEATURES

Offers usage of nVent ERICO Cadweld Plus easy electronic ignition

Provides unchanging electrical resistance

Superior corrosion resistance

Easy installation, with minimum installer training required

Simple and highly-portable installation equipment

Equally usable on old, worn, or new rails

Highly durable

## SPECIFICATIONS

**Rail Type:** 85 lb to 141 lb T-Rail Sections

**Material:** Cadmium Bronze;Copper

**Bond Terminal Style:** Tab

Table 1/2

| Catalog Number   | Finish       | Grinding Wheels Included | Conductor Size      | Bond Length | Length 1 (L1) | Length 2 (L2) |
|------------------|--------------|--------------------------|---------------------|-------------|---------------|---------------|
| SB20108CWPW<br>2 | Bare, Tinned | Yes                      | 3/16"<br>Bondstrand | 247.65mm    | 198.4 mm      | 19.1 mm       |

| CatalogNumber    | Finish       | Grinding<br>Wheels<br>Included | Conductor Size      | Bond Length | Length 1 (L1) | Length 2 (L2) |
|------------------|--------------|--------------------------------|---------------------|-------------|---------------|---------------|
| SB20136CWPW<br>2 | Bare, Tinned | Yes                            | 3/16"<br>Bondstrand | 190.5mm     | 144.5 mm      | 19.1 mm       |
| SB20104CWPW<br>2 | Bare, Tinned | Yes                            | 3/16"<br>Bondstrand | 165.1mm     | 115.9 mm      | 19.1 mm       |
| SB20175CWPW<br>2 | Bare         | Yes                            | 5/16"<br>Bondstrand | 177.8mm     | 146.1 mm      | 25.4 mm       |
| SB20175CWP       | Bare         | No                             | 3/16"<br>Bondstrand | 177.8mm     | 146.1 mm      | 25.4 mm       |

Table 2/2

| Catalog Number | Diameter (Ø) |
|----------------|--------------|
| SB20108CWPW2   | 4.8 mm       |
| SB20136CWPW2   | 4.8 mm       |
| SB20104CWPW2   | 4.8 mm       |
| SB20175CWPW2   | 7.9 mm       |
| SB20175CWP     | 7.9 mm       |

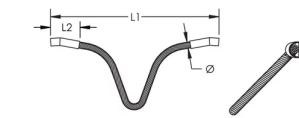
## ADDITIONAL PRODUCT DETAILS

Kit includes: (60) bonds, (120) PLUSF80 alloy welding material, (2) replacement molds and covers, (1) mold cleaner, and (5) grinding wheels (if applicable).

Kits with grinding wheels include (5) high-performance grain, 4.5" (114 mm) diameter (7/8" arbor), Type 27 depressed center wheels (part number SBG20046) for use with an angle style grinders.

nVent ERICO Cadweld Plus welding material requires electronic control unit for ignition (sold separately).

DIAGRAMS



WARNING

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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