

# Stud to Web of Rail Kit

## Data Solutions



### FEATURES

Provides material to directly connect studs to the neutral axis of the rail web utilizing the exothermic process

Kits include an nVent ERICO Cadweld mold allocation, mold cleaning tool, flint ignitor, studs, washers and nuts

### SPECIFICATIONS

**Material:** Graphite; Silicon Bronze; Stainless Steel 302 (EN 1.4324); Stainless Steel 304 (EN 1.4301)

Table 1/2

| Catalog Number | Rail Type                       | Number of Connections | Minimum Order Quantity | Mold Family    | Length (L) | Diameter (Ø) |
|----------------|---------------------------------|-----------------------|------------------------|----------------|------------|--------------|
| KIT6           | 85 lb to 141 lb T-Rail Sections | 100                   | 1                      | HV Mold Family | 25mm       | 6mm          |
| PBK244         | RI52, RI59                      | 1                     | 50                     | HV Mold Family | 49.27mm    | 9.5mm        |
| KIT12          | 85 lb to 141 lb T-Rail Sections | 100                   | 1                      | HV Mold Family | 38mm       | 12mm         |
| PBK245         | RI52, RI59                      | 1                     | 50                     | HV Mold Family | 49.27mm    | 18.8mm       |
| KIT16          | 85 lb to 141 lb T-Rail Sections | 100                   | 1                      | HV Mold Family | 48mm       | 16mm         |

Table 2/2

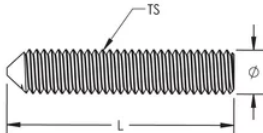
| Catalog Number | Thread Size (TS) | Studs                 | Washers                                                   | Nuts                                   |
|----------------|------------------|-----------------------|-----------------------------------------------------------|----------------------------------------|
| KIT6           | M6               | Stainless Steel (100) | Stainless Steel Shakeproof (200)                          | 6 mm Nylock (100)                      |
| PBK244         | 3/8" UNC         | Stainless Steel (1)   | 3/8" Silicon Bronze Lock Washer (1)                       | 3/8"-16 UNC Silicon Bronze Hex Nut (1) |
| KIT12          | M12              | Stainless Steel (100) | Stainless Steel Spring (100), Stainless Steel Plain (100) | 12 mm Half (100), 12 mm Full (100)     |
| PBK245         | 5/8" UNC         | Stainless Steel (1)   | 5/8" Silicon Bronze Lock Washer (1)                       | 5/8"-11 UNC Silicon Bronze Hex Nut (1) |
| KIT16          | M16              | Stainless Steel (100) | Stainless Steel Spring (100), Stainless Steel Flat (200)  | 16 mm Stainless Steel Hex Nut (100)    |

## ADDITIONAL PRODUCT DETAILS

Welder frame sold separately.

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

## 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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