

Rail Joint Bond Kit, Signal, XS 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 welding material.

FEATURES

Provides unchanging electrical resistance

Superior corrosion resistance

XS style bond end terminals are tinned to prevent contamination prior to installation

Easy installation, with minimum installer training required

Simple and highly-portable installation equipment

Equally usable on old, worn, or new rails

Highly durable

SPECIFICATIONS

Material: Cadmium Bronze;Copper

Bond Terminal Style: XS

Table 1/2

Catalog Number	Finish	Grinding Wheels Included	Conductor Size	Bond Length	Length 1 (L1)	Length 2 (L2)
SBS24882	Bare, Tinned	No	3/16" Bondstrand	165.1mm	111.1 mm	19.05 mm
SBS24882W2	Bare, Tinned	Yes	3/16" Bondstrand	165.1mm	111.1 mm	19.05 mm
SBS24883	Bare, Tinned	No	3/16" Bondstrand	190.5mm	133.4 mm	19.05 mm

CatalogNumber	Finish	Grinding Wheels Included	Conductor Size	Bond Length	Length 1 (L1)	Length 2 (L2)
SBS24883W2	Bare, Tinned	Yes	3/16" Bondstrand	190.5mm	133.4 mm	19.05 mm
SBS24884	Bare, Tinned	No	3/16" Bondstrand	247.65mm	193.7 mm	19.05 mm
SBS24884W2	Bare, Tinned	Yes	3/16" Bondstrand	247.65mm	193.7 mm	19.05 mm
SBXSHU2	Tinned	No	3/16" Bondstrand	165.1mm	130.2 mm	19.05 mm
SBXSHU3	Tinned	No	3/16" Bondstrand	190.5mm	139.7 mm	19.05 mm

Table 2/2

Catalog Number	Diameter (Ø)
SBS24882	4.8 mm
SBS24882W2	4.8 mm
SBS24883	4.8 mm
SBS24883W2	4.8 mm
SBS24884	4.8 mm
SBS24884W2	4.8 mm
SBXSHU2	4.8 mm
SBXSHU3	4.8 mm

ADDITIONAL PRODUCT DETAILS

Kit includes: (100) bonds, (200) F80 alloy welding material, (2) replacement molds, (1) flint ignitor, (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.

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 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.

⚠ WARNING: This product can expose you to chemicals including cadmium, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

North America

+1.800.753.9221
Option 1 – Customer Care
Option 2 – Technical
Support

Europe

Netherlands:
+31 800-0200135
France:
+33 800 901 793

Europe

Germany:
800 1890272
Other Countries:
+31 13 5835404

APAC

Shanghai:
+ 86 21 2412 1618/19
Sydney:
+61 2 9751 8500



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE