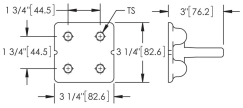
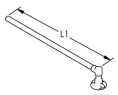
We connect and protect

Earthbridge B164, Four Stud, Solid Round Steel, 90° Angle

Earthbridges are assemblies made from a high-quality conductive earthpoint (connecting terminal) and various types of conductors. The nVent ERICO Cadweld exothermic connection process is used to combine them together, forming a highly corrosion resistant and long-lasting assembly.

DIAGRAMS





FEATURES

- Long-lasting design
- Low ground resistance and impedance
- Superior electrical conductivity and resistance to corrosion
- Electrically and mechanically robust and reliable
- Easy to install

SPECIFICATIONS

Earthpoint Type: B164, Four Stud

Material: Copper;Steel

Conductor Type: Solid Round Steel, 90° Angle

Table 1/3

Catalog Number	Type	Conductor Size	Length (L)	Depth 1 (D1)	Depth 2 (D2)	Width 1 (W1)

BF12K12P050HG	BFKP	12 mm Diameter Solid	500mm	44.5mm	85mm	44.5 mm
BF12K12P050H	BFKP	12 mm Diameter Solid	500mm	44.5mm	85mm	44.5 mm

Table 2/3

Catalog Number	Width 2 (W2)	Thread Size (TS)	Angle (a)	Rebar Assembly Type	Hardware Included	Earthbridge Application
BF12K12P050HG	85 mm	M12	90 °	Arc Welding to Rebar	Yes	Tunnel
BF12K12P050H	85 mm	M12	90 °	Arc Welding to Rebar	Yes	Tunnel

Table 3/3

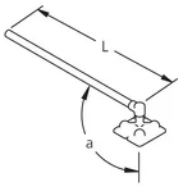
Catalog Number	Complies With
BF12K12P050HG	EN IEC® 62561-1 Class H 100kA
BF12K12P050H	EN IEC® 62561-1 Class H 100kA

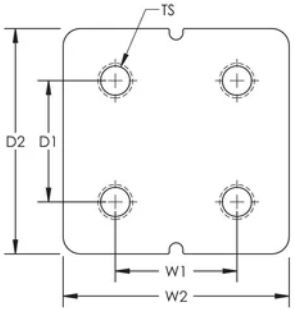
ADDITIONAL PRODUCT DETAILS

Includes (4) brass bolts, (4) brass washers, (4) plastic caps, and (1) protective label.

DB-16-C-70-S-050-C		
DB	Earth Point	DB: 1 hole BT: 2 holes BF: 4 holes LU: M16 lug TA: tape
16	Thread Size	10: M10 12: M12 16: M16 40: Tape 40x5mm 30: Tape 30x4mm
C	Conductor Type	K: Steel Rond C: Y/G Cable T: Steel Bar F: Steel Bar 4mm N: NYY-O Cable H: N2XH-0 Cable
70	Conductor Size	12: D12mm 16: D16mm 30: 30x4mm 40: 40x5mm 50: 50mm2 70: 70mm^2 95: 95mm^2
S	Conductor Angle	S: 0° P: 90° A: 45°
050	Length (cm)	xxx
x	Termination (option if cable)	SR: Solid Round EP: Earthpoint perpendicular ES: Earthpoint straight TA: Tape of 100mm TP: Tape of 150mm LU: M16 lug
x	Bolts & Washer	- : No Hardware H: With Hardware
C	Packaging	- : by unit (Made-to-Stock) C: 5 pieces (Made-to-Order) G: 25 pieces (Made-to-Order)

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.

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