

Earthbridge DB, One Stud, Solid Round Steel, Straight



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

Material: Copper;Steel

Conductor Type: Solid Round Steel, Straight

Table 1/2

Catalog Number	Type	Earthpoint Type	Conductor Size	Length (L)	Diameter (Ø)	Thread Size (TS)
DB10KS12350	DBKS	DB, One Stud	12 mm Diameter Solid	350mm	50 mm	M10

CatalogNumber	Type	EarthpointType	Conductor Size	Length (L)	Diameter (Ø)	Thread Size (TS)
DB10K16S050H	DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm	M10
DB10K16S050HG	DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm	M10
DB12K16S050H	DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm	M12
DB12K16S050HG	DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm	M12
DB16K16S050H	DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm	M16
BT12K16S050HG	BTKS	B162, Two Stud	16 mm Diameter	500mm		M12

Table 2/2

Catalog Number	Rebar Assembly Type	Hardware Included	Earthbridge Application	Complies With
DB10KS12350	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB10K16S050H	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB10K16S050HG	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB12K16S050H	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB12K16S050HG	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB16K16S050H	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
BT12K16S050HG	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA

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: 50mm ² 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.

⚠ **WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and 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