

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	Article Number	Type	Earthpoint Type	Conductor Size	Length (L)	Diameter (Ø)
DB10KS	166140	DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm

CatalogNumber	Article Number	Type	EarthpointType	Conductor Size	Length (L)	Diameter (Ø)
DB10KS12350		DBKS	DB, One Stud	12 mm Diameter Solid	350mm	50 mm
DB10KSBLK	166140B	DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm
DB12KS	166170	DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm
DB12KSBLK	166170B	DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm
DB16KS	166200	DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm
DB10K16S050H		DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm
DB10K16S050H G		DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm
DB12K16S050H		DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm
DB12K16S050H G		DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm
DB16K16S050H		DBKS	DB, One Stud	16 mm Diameter Solid	500mm	50 mm
BT12K16S050H G		BTKS	B162, Two Stud	16 mm Diameter	500mm	

Table 2/2

Catalog Number	Article Number	Thread Size (TS)	Rebar Assembly Type	Hardware Included	Earthbridge Application	Complies With
DB10KS	166140	M10	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB10KS12350		M10	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB10KSBLK	166140B	M10	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB12KS	166170	M12	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA

CatalogNumber	Article Number	Thread Size (TS)	RebarAssembly Type	Hardware Included	Earthbridge Application	Complies With
DB12KSBLK	166170B	M12	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB16KS	166200	M16	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB10K16S050H		M10	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB10K16S050H G		M10	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB12K16S050H		M12	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB12K16S050H G		M12	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
DB16K16S050H		M16	Arc Welding to Rebar	Yes	Tunnel	EN IEC® 62561-1 Class H 100kA
BT12K16S050H G		M12	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.

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