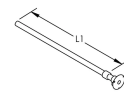
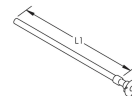
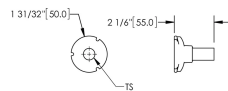
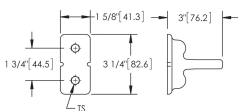


Earthbridge DB, One Stud, Solid Round Steel, Straight



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

Table 1/3

Catalog Number	Article Number	Type	Earthpoint Type	Conductor Type	Design Version	Conductor Size
DB10KS	166140	DBKS	DB, One Stud	Solid Round Steel, Straight		16 mm Diameter Solid

CatalogNumber	Article Number	Type	EarthpointType	ConductorType	Design Version	Conductor Size
DB10KS12350		DBKS	DB, One Stud	Solid Round Steel, Straight		12 mm Diameter Solid
DB10KSBLK	166140B	DBKS	DB, One Stud	Solid Round Steel, Straight		16 mm Diameter Solid
DB12KS	166170	DBKS	DB, One Stud	Solid Round Steel, Straight		16 mm Diameter Solid
DB12KSBLK	166170B	DBKS	DB, One Stud	Solid Round Steel, Straight		16 mm Diameter Solid
DB16KS	166200	DBKS	DB, One Stud	Solid Round Steel, Straight		16 mm Diameter Solid
DB16L230KS16A		DBKS	DB, One Stud	Solid Round Galvanized Steel, Straight	Basic	16 mm Diameter Solid
DB16L230KS16A2		DBKS	DB, One Stud	Solid Round Steel, Straight	Optimized	16 mm Diameter Solid
DB16L380KS16A		DBKS	DB, One Stud	Solid Round Galvanized Steel, Straight	Basic	16 mm Diameter Solid
DB10K16S050H		DBKS	DB, One Stud	Solid Round Steel, Straight		16 mm Diameter Solid
DB10K16S050HG		DBKS	DB, One Stud	Solid Round Steel, Straight		16 mm Diameter Solid
DB12K16S050H		DBKS	DB, One Stud	Solid Round Steel, Straight		16 mm Diameter Solid
DB12K16S050HG		DBKS	DB, One Stud	Solid Round Steel, Straight		16 mm Diameter Solid
DB16K16S050H		DBKS	DB, One Stud	Solid Round Steel, Straight		16 mm Diameter Solid
BT12K16S050HG		BTKS	B162, Two Stud	Solid Round Steel, Straight		16 mm Diameter

Table 2/3

Catalog Number	Article Number	Length (L)	Diameter (Ø)	Thread Size (TS)	Rebar Assembly Type	Hardware Included
DB10KS	166140	500mm	50 mm	M10	Arc Welding to Rebar	Yes

CatalogNumber	Article Number	Length (L)	Diameter (Ø)	Thread Size (TS)	RebarAssembly Type	Hardware Included
DB10KS12350		350mm	50 mm	M10	Arc Welding to Rebar	Yes
DB10KSBLK	166140B	500mm	50 mm	M10	Arc Welding to Rebar	Yes
DB12KS	166170	500mm	50 mm	M12	Arc Welding to Rebar	Yes
DB12KSBLK	166170B	500mm	50 mm	M12	Arc Welding to Rebar	Yes
DB16KS	166200	500mm	50 mm	M16	Arc Welding to Rebar	Yes
DB16L230KS16 A		230mm	50 mm	M16	Arc Welding to Rebar	No
DB16L230KS16 A2		230mm	50 mm	M16	Arc Welding to Rebar	No
DB16L380KS16 A		380mm	50 mm	M16	Arc Welding to Rebar	No
DB10K16S050H		500mm	50 mm	M10	Arc Welding to Rebar	Yes
DB10K16S050H G		500mm	50 mm	M10	Arc Welding to Rebar	Yes
DB12K16S050H		500mm	50 mm	M12	Arc Welding to Rebar	Yes
DB12K16S050H G		500mm	50 mm	M12	Arc Welding to Rebar	Yes
DB16K16S050H		500mm	50 mm	M16	Arc Welding to Rebar	Yes
BT12K16S050H G		500mm		M12	Arc Welding to Rebar	Yes

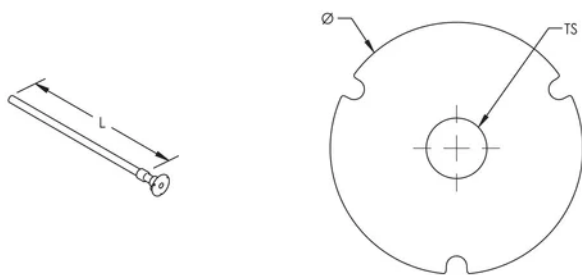
Table 3/3

Catalog Number	Article Number	Earthbridge Application	Complies With
DB10KS	166140	Tunnel	EN IEC® 62561-1 Class H 100kA

Catalog Number	Article Number	Earthbridge Application	Complies With
DB10KS12350		Tunnel	EN IEC® 62561-1 Class H 100kA
DB10KSBLK	166140B	Tunnel	EN IEC® 62561-1 Class H 100kA
DB12KS	166170	Tunnel	EN IEC® 62561-1 Class H 100kA
DB12KSBLK	166170B	Tunnel	EN IEC® 62561-1 Class H 100kA
DB16KS	166200	Tunnel	EN IEC® 62561-1 Class H 100kA
DB16L230KS16A		Tunnel	EN IEC® 62561-1 Class H 100kA
DB16L230KS16A2		Tunnel	EN IEC® 62561-1 Class H 100kA
DB16L380KS16A		Tunnel	EN IEC® 62561-1 Class H 100kA
DB10K16S050H		Tunnel	EN IEC® 62561-1 Class H 100kA
DB10K16S050HG		Tunnel	EN IEC® 62561-1 Class H 100kA
DB12K16S050H		Tunnel	EN IEC® 62561-1 Class H 100kA
DB12K16S050HG		Tunnel	EN IEC® 62561-1 Class H 100kA
DB16K16S050H		Tunnel	EN IEC® 62561-1 Class H 100kA
BT12K16S050HG		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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