

BSZ-SU Concrete Screw



CERTIFICATIONS



FEATURES

Fire resistance class R30-R120 for design of anchorages under exposure to fire

ETA assessed for anchoring in cracked and non-cracked concrete

Approved for use in seismic design category C1 (all sizes)

Approved for use in seismic design category C2 (for Drill Bit Diameters 8 mm and greater)

Removable anchor is ideal for temporary fixings

Atlantis finish has superior corrosion protection (up to C3 environment according to EN ISO 9223 & 9224)

Atlantis finish is suitable for outdoor installation

SPECIFICATIONS

Material: Steel

Table 1/2

Catalog Number	Article Number	E-Number	Finish	Drill Bit Diameter	Screw Length (L)
BSZSU06040ZL	402605	1305774	Atlantis	6mm	40mm

Catalog Number	Article Number	E-Number	Finish	Drill Bit Diameter	Screw Length (L)
BSZSU08070ZL	402610	1305776	Atlantis	8mm	70mm
BSZSU12110ZL	402625	1305779	Atlantis	12mm	110mm
BSZSU06040EG	402635		Electrogalvanized	6mm	40mm
BSZSU08070EG	402645		Electrogalvanized	8mm	70mm
BSZSU12110EG	402663		Electrogalvanized	12mm	110mm
BSZSU06050ZL	402606	1305775	Atlantis	6mm	50mm
BSZSU10100ZL	402615	1305777	Atlantis	10mm	100mm
BSZSU06050EG	402640		Electrogalvanized	6mm	50mm
BSZSU10100EG	402650		Electrogalvanized	10mm	100mm
BSZSU10120ZL	402620	1305778	Atlantis	10mm	120mm
BSZSU10120EG	402658		Electrogalvanized	10mm	120mm

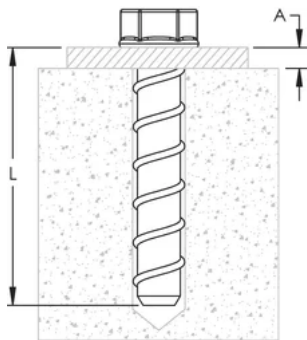
Table 2/2

Catalog Number	Article Number	E-Number	Embedment Depth	A	Torque (TQ)	Certifications
BSZSU06040ZL	402605	1305774	35 mm	5 mm	10 N·m	CE, 20-0494, CE, 20-0046
BSZSU08070ZL	402610	1305776	65 mm	5 mm	20 N·m	CE, 20-0046, VdS
BSZSU12110ZL	402625	1305779	105 mm	5 mm		CE, 20-0046, VdS
BSZSU06040EG	402635		35 mm	5 mm	10 N·m	CE, 20-0046, CE, 20-0494
BSZSU08070EG	402645		65 mm	5 mm	20 N·m	CE, 20-0046, VdS
BSZSU12110EG	402663		105 mm	5 mm		CE, 20-0046, VdS

CatalogNumber	Article Number	E-Number	Embedment Depth	A	Torque (TQ)	Certifications
BSZSU06050ZL	402606	1305775	35 mm	15 mm	10 N·m	CE, 20-0494, CE, 20-0046
BSZSU10100ZL	402615	1305777	85 mm	15 mm	30 N·m	CE, 20-0046, VdS
BSZSU06050EG	402640		35 mm	15 mm	10 N·m	CE, 20-0046, CE, 20-0494
BSZSU10100EG	402650		85 mm	15 mm	30 N·m	CE, 20-0046, VdS
BSZSU10120ZL	402620	1305778	85 mm	35 mm	30 N·m	CE, 20-0046, VdS
BSZSU10120EG	402658		85 mm	35 mm	30 N·m	CE, 20-0046, VdS

Characteristic Axial Loads from ETA-20/0046			
Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
BSZSU06040xx	1.81 kN	1.98 kN	35 mm
BSZSU06050xx	1.81 kN	1.98 kN	35 mm
BSZSU08070xx	5.88 kN	8.41 kN	65 mm
BSZSU10100xx	8.99 kN	12.85 kN	85 mm
BSZSU10120xx	8.99 kN	12.85 kN	85 mm
BSZSU12110xx	12.51 kN	17.87 kN	105 mm

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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