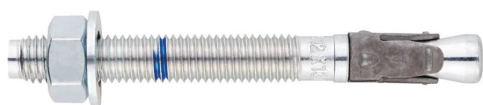


Bolt Expansion Anchor



FEATURES

Heavy duty wedge anchor

For cracked and non-cracked concrete

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

Approved for use in seismic design category C1 & C2 (for Drill Bit Diameters 8 mm and greater)



SPECIFICATIONS

Table 1/2

Catalog Number	Article Number	E-Number	Material	Finish	Thread Size (TS)	Length (L)
SABM10010	400410	1305760	Steel	Electrogalvanized	M10	90mm
SABM10010S6	401152	1305766	Stainless Steel 316 (EN 1.4401)		M10	90mm
SABM10050	400411	1305761	Steel	Electrogalvanized	M10	135mm
SABM10050S6	401153	1305767	Stainless Steel 316 (EN 1.4401)		M10	135mm
SABM12015	402170	1305771	Steel	Electrogalvanized	M12	110mm
SABM12050	401158	1305770	Steel	Electrogalvanized	M12	150mm
SABM16025	402171	1305772	Steel	Electrogalvanized	M16	145mm

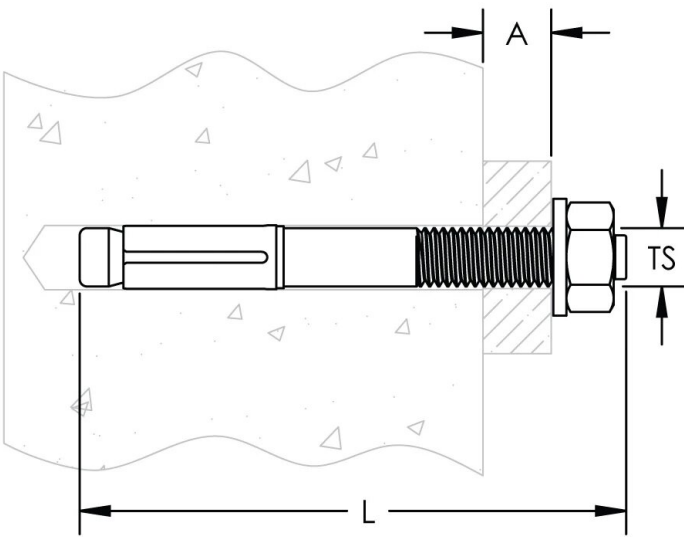
Catalog Number	Article Number	E-Number	Material	Finish	Thread Size (TS)	Length(L)
SABM20030	402446	1305773	Steel	Electrogalvanized	M20	167mm
SABM8010	400408	1305758	Steel	Electrogalvanized	M8	75mm
SABM8050	400409	1305759	Steel	Electrogalvanized	M8	115mm
SABM8050S6	401151	1305765	Stainless Steel 316 (EN 1.4401)		M8	115mm

Table 2/2

Catalog Number	Article Number	E-Number	Embedment Depth	A	Drill Bit Diameter
SABM10010	400410	1305760	68 mm	10 mm	10mm
SABM10010S6	401152	1305766	68 mm	10 mm	10mm
SABM10050	400411	1305761	68 mm	55 mm	10mm
SABM10050S6	401153	1305767	68 mm	55 mm	10mm
SABM12015	402170	1305771	80 mm	14 mm	12mm
SABM12050	401158	1305770	80 mm	54 mm	12mm
SABM16025	402171	1305772	97 mm	28 mm	16mm
SABM20030	402446	1305773	114 mm	32 mm	20mm
SABM8010	400408	1305758	55 mm	9 mm	8mm
SABM8050	400409	1305759	55 mm	49 mm	8mm
SABM8050S6	401151	1305765	55 mm	49 mm	8mm

Characteristic Axial Loads from ETA-12/0397

Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25
SABM8010	2.4 kN	3.6 kN
SABM8050	2.4 kN	3.6 kN
SABM10010	4.3 kN	7.6 kN
SABM10050	4.3 kN	7.6 kN
SABM12015	7.6 kN	11.9 kN
SABM12050	7.6 kN	11.9 kN
SABM16025	11.9 kN	16.7 kN
SABM20030	14.3 kN	23.8 kN
SABM8010S6	2.4 kN	4.3 kN
SABM8050S6	2.4 kN	4.3 kN
SABM10010S6	4.3 kN	7.6 kN
SABM10050S6	4.3 kN	7.6 kN



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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