

Bolt Expansion Anchor



CERTIFICATIONS



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

Finish: Electrogalvanized

Material: Steel

Table 1/2

Catalog Number	Article Number	Thread Size (TS)	Length (L)	Embedment Depth	A	Drill Bit Diameter
SABM8050	400409	M8	115mm	55 mm	49 mm	8mm
SABM8010	400408	M8	75mm	55 mm	9 mm	8mm

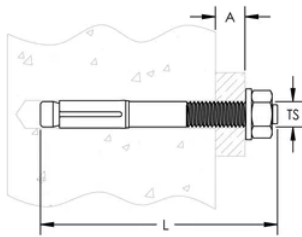
CatalogNumber	Article Number	Thread Size (TS)	Length (L)	Embedment Depth	A	Drill Bit Diameter
SABM10010	400410	M10	90mm	68 mm	10 mm	10mm
SABM10050	400411	M10	135mm	68 mm	55 mm	10mm
SABM12085	401159	M12	180mm	80 mm	85 mm	12mm
SABM12015	402170	M12	110mm	80 mm	14 mm	12mm
SABM12050	401158	M12	150mm	80 mm	54 mm	12mm
SABM16025	402171	M16	145mm	97 mm	28 mm	16mm
SABM20030	402446	M20	167mm	114 mm	32 mm	20mm

Table 2/2

Catalog Number	Article Number	Certifications
SABM8050	400409	CE, 12-0397, VdS
SABM8010	400408	CE, 12-0397, VdS
SABM10010	400410	VdS, CE, 12-0397
SABM10050	400411	CE, 12-0397, VdS
SABM12085	401159	
SABM12015	402170	CE, 12-0397, VdS
SABM12050	401158	CE, 12-0397, VdS
SABM16025	402171	CE, 12-0397, VdS
SABM20030	402446	VdS, CE, 12-0397

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

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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