

Bolt Expansion Anchor, S316, M8 Rod, 115 mm

CATALOG NUMBER

SABM8050S6

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)



PRODUCT ATTRIBUTES

Article Number: 401151

Material: Stainless Steel 316 (EN 1.4401)

Thread Size (TS): M8

Length (L): 115mm

Embedment Depth: 55 mm

A: 49 mm

Drill Bit Diameter: 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

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.

North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

Europe

Germany:

800 1890272

Other Countries:

+31 13 5835404

APAC

Shanghai:

+ 86 21 2412 1618/19

Sydney:

+61 2 9751 8500



©2026 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without notice.

This document is system-generated.

