SORMAT 🗲

Through bolt S-KA+ 16/5 ZP (1 DIY)

SORMAT CODE 9640094043



Improved premium-quality through bolts for fixing in noncracked and cracked concrete

- Torque-controlled expansion anchors for pre-, push-through and distance installations.
- · When torgue is applied the expansion clip expands developing frictional grip with the drill hole walls.
- Anchor diameter and max, fixture thicknesses marked on the body. Anchor length letter code marked on the bolt head.
- M8, M10 and M12 have two different anchorage depths.
- The use of S-KA setting tool makes serial installation safer and quicker.
- Seismic performance category C1/C2 (h_{ef.std}).
- ZP for dry indoor use.

PRODUCT OVERVIEW

Other codes Material Packages Weight GTIN-13

Steel, zinc plated box (bag): 1 / outer carton: 5 201.8 kg / 1000 6416031940439

APPLICATIONS

- Steel structures
- · Column base plates
- Seatings
- Barriers
- Cable racks
- Handrails
- Ladders
- · Façade systems

APPROVALS / CERTIFICATES



ETA-16/0934 + DoPs



BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

· Natural stone

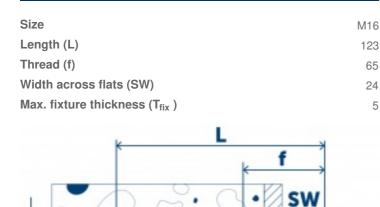


Seismic resistance (ETA-16/0934)

Technical data

d_o

INSTALLATION DETAILS



h_{nom}

h₁

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INSTALLATION DETAILS

Tinst

d,

C_{fix}

6	Hole in fixture (D _f)	18
3	Drill hole diameter (d ₀) Ø	16
ō	Minimum drill hole depth	110
4	Drill hole depth (h ₁)	110
5	Nominal setting depth (H _{nom})	97
	Effective setting depth (H _{ef})	85
	Installation torque (T _{inst})	110

- Nov 16, '23 21:13 19:13:15

Performance data

Base material All	Load type	Embedment depth (h _{nom})	Load direction	Load value
Non-cracked concrete C20/25	N _{Rec}	97 mm	····	17.1 kN
Non-cracked concrete C20/25	V _{Rec}	97 mm	×	30.9 kN
Cracked concrete C20/25	N _{Rec}	97 mm) 	11.4 kN
Cracked concrete C20/25	V _{Rec}	97 mm		30.9 kN

Installation

