

Through bolt S-KAH 8/10 DIN9021 A4

SORMAT CODE 9640005212



Premium-quality through bolts for fixing in non-cracked and cracked concrete

- Torque-controlled expansion anchors for pre-, push-through and distance installations.
- When torque is applied the expansion clip expands developing frictional grip with the drill hole walls.
- Anchor diameter and max. fixture thickness marked on the body.
- The use of S-KA setting tool makes serial installation safer and quicker.
- A4 for indoor, outdoor and industrial use.

APPLICATIONS

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

APPROVALS / CERTIFICATES



ETA-08/0173 + DoPs



Fire resistance (ETA-08/0173)

Technical data

INSTALLATION DETAILS

PRODUCT OVERVIEW

Other codes	/
Material	Stainless steel, A4
Packages	box (bag): 50 / outer carton: 250 / pallet: 14000
Weight	33.3 kg / 1000

BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

- Natural stone
- Solid clay brick

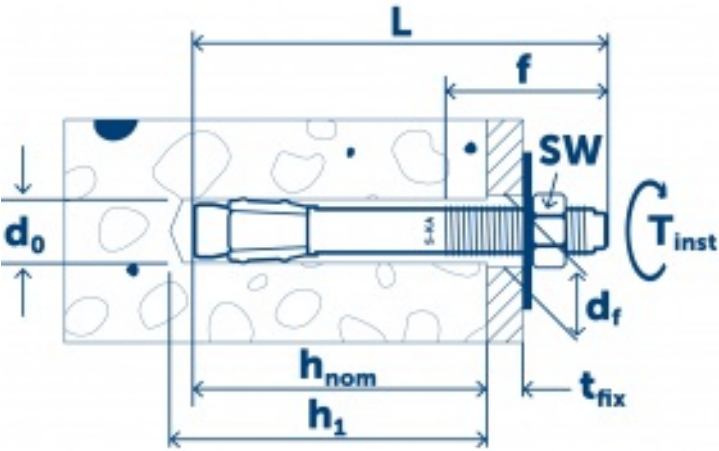


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Seismic resistance (ETA-08/0173)

Size	M8	Hole in fixture (D_f)	9
Length (L)	72	Drill hole diameter (d_0) \varnothing	8
Thread (f)	32	Minimum drill hole depth	60
Width across flats (SW)	13	Drill hole depth (h_1)	60
Max. fixture thickness (T_{fix})	10	Nominal setting depth (H_{nom})	50
		Effective setting depth (H_{ef})	45
		Installation torque (T_{inst})	20



Performance data

Base material	Load type	Embedment depth (h_{nom})	Load direction	Load value
All				
Non-cracked concrete C20/25	N_{Rec}	50 mm		3.6 kN
Non-cracked concrete C20/25	V_{Rec}	50 mm		6.3 kN
Cracked concrete C20/25	N_{Rec}	50 mm		2.0 kN
Cracked concrete C20/25	V_{Rec}	50 mm		5.2 kN

Installation

