

Through bolt S-KAH+ 8/63/50 A4

SORMAT CODE 9640005314



Improved premium-quality A4 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 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 (hef,std).
- A4 for indoor, outdoor and industrial use.

PRODUCT OVERVIEW

Other codes Material Packages

Weight GTIN-13

SNRO 1324124 / LVI 3253726 Stainless steel, A4 box (bag): 40 / outer carton: 200 / pallet: 11200

42.4 kg / 1000 6416031053146

APPLICATIONS

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

BASE MATERIALS

APPROVED FOR

- · Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

Natural stone

APPROVALS / CERTIFICATES



ETA-16/0934 + DoPs



Fire resistance (ETA-16/0934)



0809-CPR-1252

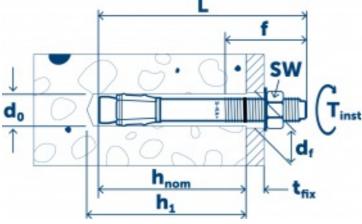


Seismic resistance (ETA-16/0934_M8)

Technical data

INSTALLATION DETAILS

Size M8 Length (L) 115 Thread (f) 75 Width across flats (SW) 13 Max. fixture thickness (T_{fix}) 63/50



INSTALLATION DETAILS

Hole in fixture (D _f)	9
Drill hole diameter (d ₀) Ø	8
Minimum drill hole depth	47/60
Drill hole depth (h ₁)	47/60
Nominal setting depth (H _{nom})	40/53
Effective setting depth (H _{ef})	35/48
Installation torque (T _{inst})	20

Performance data

Base material All	Load type	Embedment depth (h _{nom})	Load direction	Load value
Non-cracked concrete C20/25	N _{Rec}	40 mm	₩	3.8 kN
Non-cracked concrete C20/25	V _{Rec}	40 mm	<u>_</u>	9.0 kN
Non-cracked concrete C20/25	N _{Rec}	53 mm	(5.2 kN
Non-cracked concrete C20/25	V _{Rec}	53 mm	<u>_</u>	9.0 kN
Cracked concrete C20/25	N _{Rec}	40 mm	(2.4 kN
Cracked concrete C20/25	V _{Rec}	40 mm	<u> </u>	7.5 kN
Cracked concrete C20/25	N _{Rec}	53 mm	 → →	4.0 kN
Cracked concrete C20/25	V _{Rec}	53 mm	<u> </u>	9.0 kN

Installation

