

Through bolt S-KAH+ 16/20 A4

SORMAT CODE 9640005359



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 (h_{ef,std}).
- A4 for indoor, outdoor and industrial use.

PRODUCT OVERVIEW

Other codes Material Packages

Weight GTIN-13

SNRO 1324143 / LVI 3253742 Stainless steel, A4 box (bag): 10 / outer carton: 50 / pallet: 2800 219.2 kg / 1000

6416031053597

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

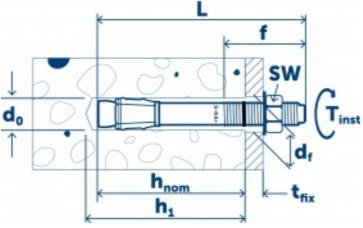


Seismic resistance (ETA-16/0934)

Technical data

INSTALLATION DETAILS

Size		
Length (L)		
Thread (f)		
Width across flats (SW)		
Max. fixture thickness (T_{fix})		
k	L	— N



INSTALLATION DETAILS

Hole in fixture (D _f)	18
Drill hole diameter (d₀) Ø	16
Minimum drill hole depth	110
Drill hole depth (h ₁)	110
Nominal setting depth (H _{nom})	97
Effective setting depth (H _{ef})	85
Installation torque (Tingt)	11(

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	<u> </u>	39.2 kN
Cracked concrete C20/25	N _{Rec}	97 mm	(→)	11.4 kN
Cracked concrete C20/25	V _{Rec}	97 mm	<u> </u>	34.8 kN

Installation

