

Through bolt S-KAH+ 16/60 A4

SORMAT CODE 9640005363



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	SNRO 1324145 / LVI 3253744
Material	Stainless steel, A4
Packages	box (bag): 10 / outer carton: 50 / pallet: 2800
Weight	278.4 kg / 1000
GTIN-13	6416031053634

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})



INSTALLATION DETAILS

M16	Hole in fixture (D_f)	18
178	Drill hole diameter (d_0) \varnothing	16
115	Minimum drill hole depth	110
24	Drill hole depth (h_1)	110
60	Nominal setting depth (H_{nom})	97
	Effective setting depth (H_{ef})	85
	Installation torque (T_{inst})	110

Performance data

Base material	Load type	Embedment depth (h_{nom})	Load direction	Load value
All				
Non-cracked concrete C20/25	N_{Rec}	97 mm		17.1 kN
Non-cracked concrete C20/25	V_{Rec}	97 mm		39.2 kN
Cracked concrete C20/25	N_{Rec}	97 mm		11.4 kN
Cracked concrete C20/25	V_{Rec}	97 mm		34.8 kN

Installation

