

# Through bolt S-KAH+ 12/25/5 A4 (2 DIY)

SORMAT CODE 9640094229



## 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	Stainless steel, A4
Packages	box (bag): 2 / outer carton: 20
Weight	94.9 kg / 1000
GTIN-13	6416031942297

## 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

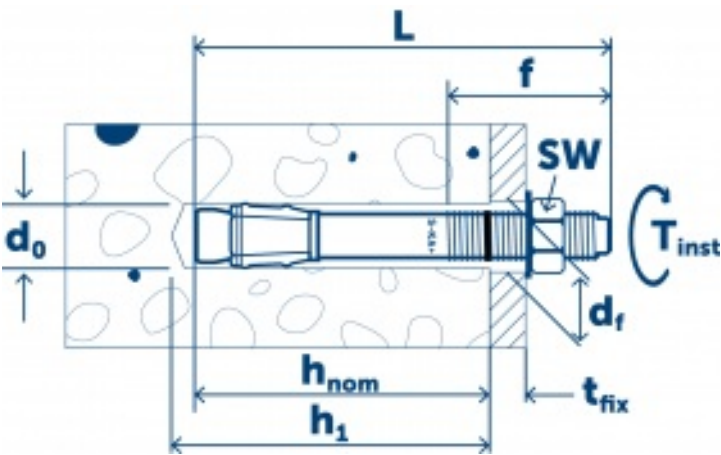


Seismic resistance (ETA-16/0934)

# Technical data

## INSTALLATION DETAILS

- Size
- Length (L)
- Thread (f)
- Width across flats (SW)
- Max. fixture thickness (T<sub>fix</sub>)



## INSTALLATION DETAILS

M12	Hole in fixture (D <sub>f</sub> )	14
103	Drill hole diameter (d <sub>0</sub> ) ∅	12
53	Minimum drill hole depth	70/90
19	Drill hole depth (h <sub>1</sub> )	70/90
25/5	Nominal setting depth (H <sub>nom</sub> )	61/81
	Effective setting depth (H <sub>ef</sub> )	50/70
	Installation torque (T <sub>inst</sub> )	60

## Installation

