

Through bolt S-KAH 16/50 A4 (1 DIY)

SORMAT CODE 9640094246



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

- Torque-controlled expansion anchors for pre-, pushthrough and distance installations.
- When torgue 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.

PRODUCT OVERVIEW

Other codes	/
Material	Stainless steel, A4
Packages	box (bag): 1 / outer
	carton: 5
Weight	264.1 kg / 1000

APPLICATIONS

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

APPROVALS / CERTIFICATES



ETA-08/0173 + DoPs



0809-CPR-1078



Seismic resistance (ETA-08/0173)

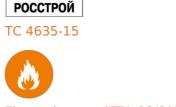
BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

Natural stone

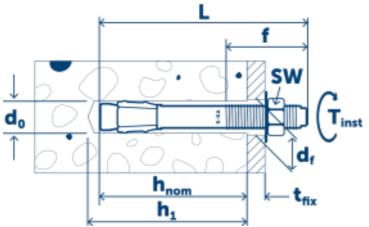


Fire resistance (ETA-08/0173)

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
168	Drill hole diameter (d ₀) $ø$	16
110	Minimum drill hole depth	110
24	Drill hole depth (h1)	110
50	Nominal setting depth (H _{nom})	96
	Effective setting depth (H _{ef})	85
	Installation torque (T _{inst})	120

Performance data

Base material All	Load type		Load direction	Load value
Non-cracked concrete C20/25	N _{Rec}	96 mm	·	16.7 kN
Non-cracked concrete C20/25	V _{Rec}	96 mm	×	26.9 kN
Cracked concrete C20/25	N _{Rec}	96 mm		9.5 kN
Cracked concrete C20/25	V _{Rec}	96 mm	=	25.7 kN

Installation

