

# 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)

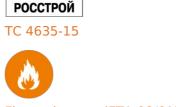
# **BASE MATERIALS**

#### APPROVED FOR

- Cracked concrete
- Non-cracked concrete

#### ALSO SUITABLE FOR

Natural stone

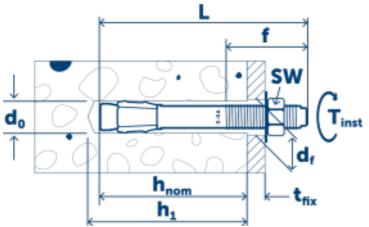


Fire resistance (ETA-08/0173)

# Technical data

## INSTALLATION DETAILS

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



# INSTALLATION DETAILS

M16	Hole in fixture (D <sub>f</sub> )	18
168	Drill hole diameter (d <sub>0</sub> ) $ø$	16
110	Minimum drill hole depth	110
24	Drill hole depth (h1)	110
50	Nominal setting depth (H <sub>nom</sub> )	96
	Effective setting depth (H <sub>ef</sub> )	85
	Installation torque (T <sub>inst</sub> )	120

# Performance data

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

# Installation

