

# Through bolt S-KAH 16/60 A4

SORMAT CODE 9640005173



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

- Torque-controlled expansion anchors for pre-, pushthrough and distance installations.
- When torque 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): 10 / outer		
	carton: 50 / pallet: 2800		
Weight	278.4 kg / 1000		

### APPLICATIONS

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

#### APPROVALS / CERTIFICATES



#### ETA-08/0173 + DoPs







Seismic resistance (ETA-08/0173)

- May 8, '21 12:22 11:22:21



TC 6236-21



**BASE MATERIALS** 

Cracked concrete

Non-cracked concrete

APPROVED FOR

ALSO SUITABLE FOR

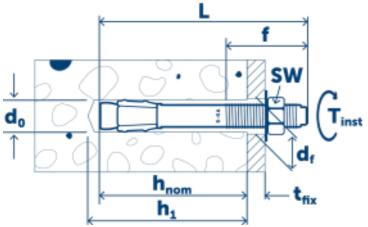
Natural stone

1/3

### Technical data

### INSTALLATION DETAILS

- Size
- Length (L)
- Thread (f)
- Width across flats (SW)
- Max. fixture thickness (T $_{\rm fix}$  )



### INSTALLATION DETAILS

M16	Hole in fixture (D <sub>f</sub> )	18
178	Drill hole diameter (d <sub>0</sub> ) $ø$	16
115	Minimum drill hole depth	110
24	Drill hole depth (h1)	110
60	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

