

# Through bolt S-KAH 10/30 A4 (2 DIY)

SORMAT CODE 9640094222



### 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
Packages

Weight

Stainless steel, A4 box (bag): 2 / outer carton: 20

SNRO 1310081 /

70.9 kg / 1000

#### **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-08/0173 + DoPs



0809-CPR-1078



Seismic resistance (ETA-08/0173)



TC 4635-15

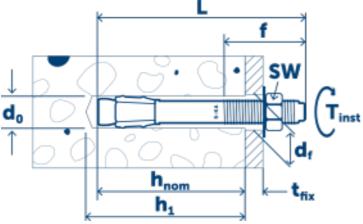


Fire resistance (ETA-08/0173)

## Technical data

## **INSTALLATION DETAILS**

Size	
Length (L)	
Thread (f)	
Width across flats (SW)	
Max. fixture thickness (T <sub>fix</sub> )	
<sub>k</sub> L	—×
ľ	1



## **INSTALLATION DETAILS**

M10	Hole in fixture (D <sub>f</sub> )	12
112	Drill hole diameter (d <sub>0</sub> ) ø	10
67	Minimum drill hole depth	75
17	Drill hole depth (h <sub>1</sub> )	75
30	Nominal setting depth (H <sub>nom</sub> )	68
	Effective setting depth (H <sub>ef</sub> )	60
	Installation torque (Tinst)	35

# Performance data

Base material All	Load type	Embedment depth (h <sub>nom</sub> )	Load direction	Load value
Non-cracked concrete C20/25	N <sub>Rec</sub>	68 mm	**	6.3 kN
Non-cracked concrete C20/25	V <sub>Rec</sub>	68 mm	<u> </u>	9.7 kN
Cracked concrete C20/25	N <sub>Rec</sub>	68 mm	<b>₹</b>	3.6 kN
Cracked concrete C20/25	$V_{Rec}$	68 mm		9.7 kN

## Installation



