

# Through bolt S-KAH 10/20 A4 (2 DIY)

SORMAT CODE 9640094220



## Premium-quality 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 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.

## 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)



TC 4635-15



Fire resistance (ETA-08/0173)

## PRODUCT OVERVIEW

Other codes	SNRO 1310079 /
Material	Stainless steel, A4
Packages	box (bag): 2 / outer carton: 20
Weight	64.6 kg / 1000

## BASE MATERIALS

### APPROVED FOR

- Cracked concrete
- Non-cracked concrete

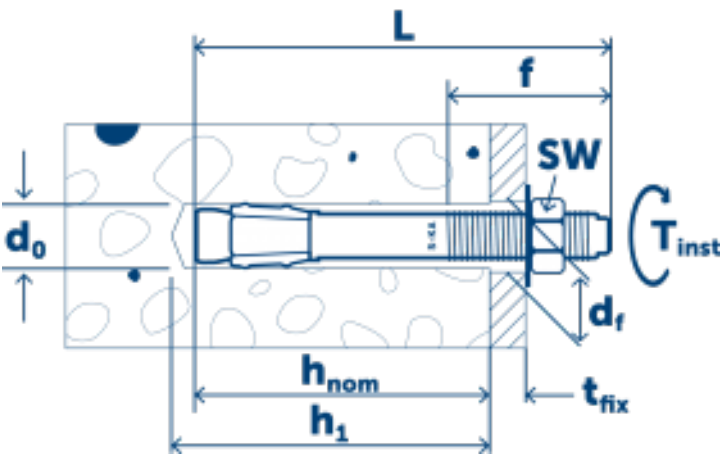
### ALSO SUITABLE FOR

- Natural stone

Technical data

INSTALLATION DETAILS

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



INSTALLATION DETAILS

M10	Hole in fixture ( $D_f$ )	12
102	Drill hole diameter ( $d_0$ ) $\varnothing$	10
57	Minimum drill hole depth	75
17	Drill hole depth ( $h_1$ )	75
20	Nominal setting depth ( $H_{nom}$ )	68
	Effective setting depth ( $H_{ef}$ )	60
	Installation torque ( $T_{inst}$ )	35

# Performance data

Base material	Load type	Embedment depth ( $h_{nom}$ )	Load direction	Load value
All				
Non-cracked concrete C20/25	$N_{Rec}$	68 mm		6.3 kN
Non-cracked concrete C20/25	$V_{Rec}$	68 mm		9.7 kN
Cracked concrete C20/25	$N_{Rec}$	68 mm		3.6 kN
Cracked concrete C20/25	$V_{Rec}$	68 mm		9.7 kN

# Installation

