

# Through bolt S-KAH 10/10 A4

SORMAT CODE 9640005132



## 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)

## PRODUCT OVERVIEW

Other codes	SNRO 1356822 /
Material	Stainless steel, A4
Packages	box (bag): 40 / outer carton: 200 / pallet: 11200
Weight	59.7 kg / 1000

## BASE MATERIALS

- APPROVED FOR
- Cracked concrete
  - Non-cracked concrete
- ALSO SUITABLE FOR
- Natural stone



TC 6236-21



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

M10	Hole in fixture (D <sub>f</sub> )	12
92	Drill hole diameter (d <sub>0</sub> ) ∅	10
47	Minimum drill hole depth	75
17	Drill hole depth (h <sub>1</sub> )	75
10	Nominal setting depth (H <sub>nom</sub> )	68
	Effective setting depth (H <sub>ef</sub> )	60
	Installation torque (T <sub>inst</sub> )	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

