

# Through bolt S-KA 10X60 ZP (2 DIY)

SORMAT CODE 9640094016



## 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.
- ZP for dry indoor and temporary outdoor use.

## APPLICATIONS

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

## APPROVALS / CERTIFICATES



TC 4635-15

## Technical data

### INSTALLATION DETAILS

Size	M10
Length (L)	62
Thread (f)	26

### PRODUCT OVERVIEW

Other codes	SNRO 1310046 /
Material	Steel, zinc plated
Packages	box (bag): 2 / outer carton: 20
Weight	45.0 kg / 1000

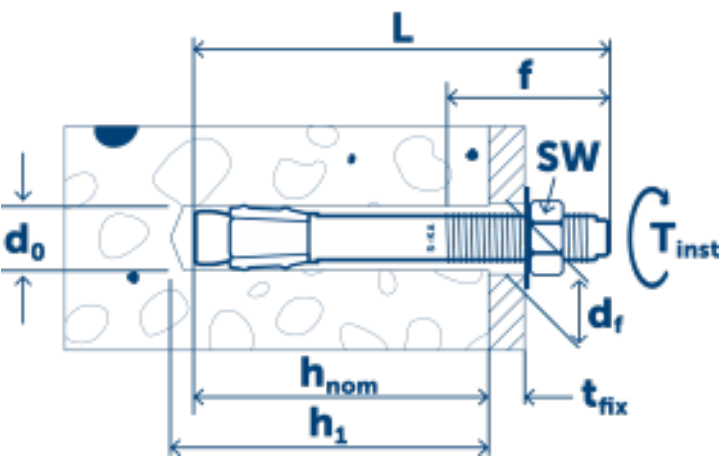
### BASE MATERIALS

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

### INSTALLATION DETAILS



Hole in fixture (D <sub>f</sub> )	12
Drill hole diameter (d <sub>0</sub> ) Ø	10
Minimum drill hole depth	50

Width across flats (SW)  
Max. fixture thickness ( $T_{fix}$ )



17	Drill hole depth ( $h_1$ )	50
3	Nominal setting depth ( $H_{nom}$ )	40
	Effective setting depth ( $H_{ef}$ )	30
	Installation torque ( $T_{inst}$ )	30

# Performance data

Base material	Load type	Embedment depth ( $h_{nom}$ )	Load direction	Load value
Non-cracked concrete C20/25	$N_{Rec}$	40 mm		3.5 kN
Non-cracked concrete C20/25	$V_{Rec}$	40 mm		3.8 kN

# Installation

