

# Through bolt S-KA 10/50 ZP (2 DIY)

SORMAT CODE 9640094024



## 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



ETA-08/0173 + DoPs



0809-CPR-1078

## Technical data

### INSTALLATION DETAILS

## PRODUCT OVERVIEW

Other codes	SNRO 1371987 /
Material	Steel, zinc plated
Packages	box (bag): 2 / outer carton: 20 / piece: 1
Weight	78.9 kg / 1000

## BASE MATERIALS

### APPROVED FOR

- Cracked concrete
- Non-cracked concrete

### ALSO SUITABLE FOR

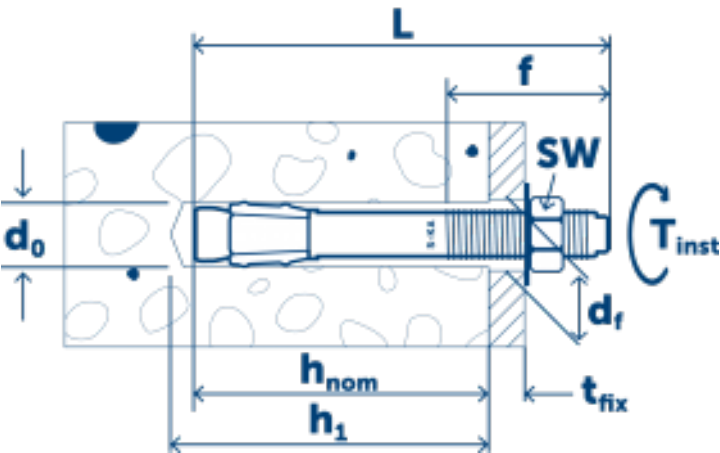
- Natural stone



TC 4635-15

### INSTALLATION DETAILS

Size	M10	Hole in fixture ( $D_f$ )	12
Length (L)	132	Drill hole diameter ( $d_0$ ) $\varnothing$	10
Thread (f)	87	Minimum drill hole depth	75
Width across flats (SW)	17	Drill hole depth ( $h_1$ )	75
Max. fixture thickness ( $T_{fix}$ )	50	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
Non-cracked concrete C20/25	$N_{Rec}$	60 mm		6.3 kN
Non-cracked concrete C20/25	$V_{Rec}$	60 mm		8.7 kN

# Installation

