

# Through bolt S-KA 6X40 ZP

SORMAT CODE 9640000100



## 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-18/0971 + DoPs



0809-CPR-19004629



TC 6236-21



Fire resistance (ETA-18/0971)

## Technical data

### INSTALLATION DETAILS

## PRODUCT OVERVIEW

<b>Other codes</b>	SNRO 1356602 / LVI 3253001
<b>Material</b>	Steel, zinc plated
<b>Packages</b>	box (bag): 150 / outer carton: 750 / pallet: 42000
<b>Weight</b>	11.3 kg / 1000

## BASE MATERIALS

### APPROVED FOR

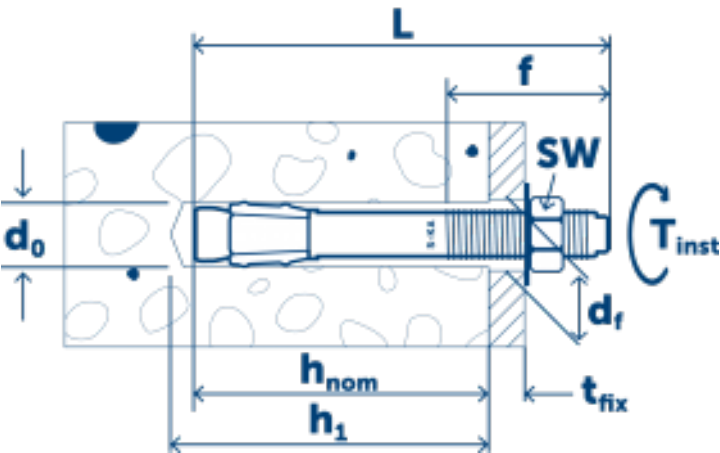
- Cracked concrete
- Non-cracked concrete

### ALSO SUITABLE FOR

- Natural stone
- Solid clay brick

### INSTALLATION DETAILS

Size	M6	Hole in fixture ( $D_f$ )	7
Length (L)	40	Drill hole diameter ( $d_0$ ) $\varnothing$	6
Thread (f)	18	Minimum drill hole depth	35
Width across flats (SW)	10	Drill hole depth ( $h_1$ )	35
Max. fixture thickness ( $T_{fix}$ )	2	Nominal setting depth ( $H_{nom}$ )	30
		Effective setting depth ( $H_{ef}$ )	25
		Installation torque ( $T_{inst}$ )	4



# Performance data

Base material	Load type	Embedment depth ( $h_{nom}$ )	Load direction	Load value
All				
Non-cracked concrete C20/25	$N_{Rec}$	30 mm		1.0 kN
Non-cracked concrete C20/25	$V_{Rec}$	30 mm		2.0 kN
Cracked concrete C20/25	$N_{Rec}$	30 mm		1.0 kN
Cracked concrete C20/25	$V_{Rec}$	30 mm		2.0 kN

# Installation

