

# Through bolt S-KA 8/85 ZP

SORMAT CODE 9640001118

## 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



Seismic resistance (ETA-08/0173)

## PRODUCT OVERVIEW

<b>Other codes</b>	SNRO 1356618 /
<b>Material</b>	Steel, zinc plated
<b>Packages</b>	box (bag): 40 / outer carton: 200 / pallet: 11200
<b>Weight</b>	52.4 kg / 1000

## BASE MATERIALS

### APPROVED FOR

- Cracked concrete
- Non-cracked concrete

### ALSO SUITABLE FOR

- Natural stone
- Solid clay brick



TC 6236-21



Fire resistance (ETA-08/0173)

# Technical data

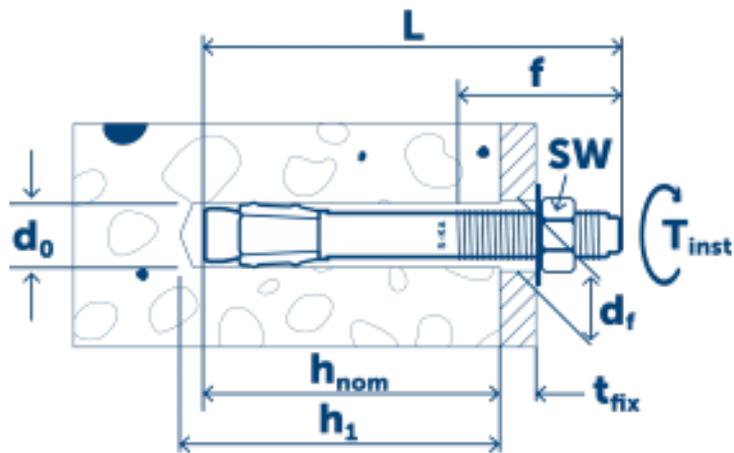
## INSTALLATION DETAILS

**Size**  
**Length (L)**  
**Thread (f)**  
**Width across flats (SW)**  
**Max. fixture thickness ( $T_{fix}$ )**

M8  
 147  
 107  
 13  
 85

## INSTALLATION DETAILS

**Hole in fixture ( $D_f$ )** 9  
**Drill hole diameter ( $d_0$ )  $\varnothing$**  8  
**Minimum drill hole depth** 60  
**Drill hole depth ( $h_1$ )** 60  
**Nominal setting depth ( $H_{nom}$ )** 50  
**Effective setting depth ( $H_{ef}$ )** 45  
**Installation torque ( $T_{inst}$ )** 20



# Performance data

Base material	Load type	Embedment depth ( $h_{nom}$ )	Load direction	Load value
All <input type="text" value="All"/>				
Non-cracked concrete C20/25	$N_{Rec}$	50 mm		3.6 kN
Non-cracked concrete C20/25	$V_{Rec}$	50 mm		5.7 kN
Cracked concrete C20/25	$N_{Rec}$	50 mm		2.0 kN
Cracked concrete C20/25	$V_{Rec}$	50 mm		5.0 kN

# Installation

