

# Through bolt S-KA+ 8/63/50 ZP (3 DIY)

SORMAT CODE 9640094013



## Improved 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 thicknesses marked on the body. Anchor length letter code marked on the bolt head.
- M8, M10 and M12 have two different anchorage depths.
- The use of S-KA setting tool makes serial installation safer and quicker.
- Seismic performance category C1/C2 ( $h_{ef, std}$ ).
- ZP for dry indoor use.

## PRODUCT OVERVIEW

<b>Other codes</b>	/
<b>Material</b>	Steel, zinc plated
<b>Packages</b>	box (bag): 3 / outer carton: 30
<b>Weight</b>	42.0 kg / 1000
<b>GTIN-13</b>	6416031940132

## APPLICATIONS

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

## BASE MATERIALS

### APPROVED FOR

- Cracked concrete
- Non-cracked concrete

### ALSO SUITABLE FOR

- Natural stone

## APPROVALS / CERTIFICATES



ETA-16/0934 + DoPs



Fire resistance (ETA-16/0934)



0809-CPR-1252

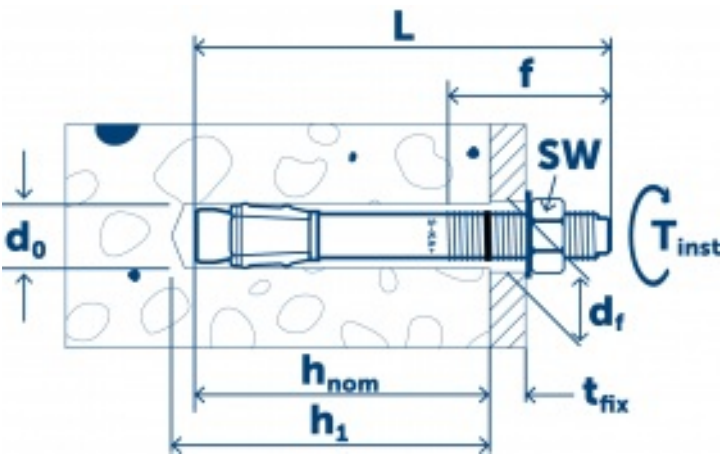


Seismic resistance (ETA-16/0934\_M8)

# Technical data

## INSTALLATION DETAILS

- Size
- Length (L)
- Thread (f)
- Width across flats (SW)
- Max. fixture thickness (T<sub>fix</sub>)



## INSTALLATION DETAILS

M8	Hole in fixture (D <sub>f</sub> )	9
115	Drill hole diameter (d <sub>0</sub> ) ∅	8
75	Minimum drill hole depth	47/60
13	Drill hole depth (h <sub>1</sub> )	47/60
63/50	Nominal setting depth (H <sub>nom</sub> )	40/53
	Effective setting depth (H <sub>ef</sub> )	35/48
	Installation torque (T <sub>inst</sub> )	15

## Installation

