

# Through bolt S-KA 8/50 ZP

SORMAT CODE 9640001116



## Premium-quality through bolts for fixing in noncracked and cracked concrete

- Torque-controlled expansion anchors for pre-, pushthrough 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.

### PRODUCT OVERVIEW

**BASE MATERIALS** 

Cracked concrete

Non-cracked concrete

APPROVED FOR

ALSO SUITABLE FOR

Natural stone

Solid clay brick

Other codes	SNRO 1356616 / LVI		
	3253018		
Material	Steel, zinc plated		
Packages	box (bag): 40 / outer		
	carton: 200 / pallet: 11200		
Weight	41.4 kg / 1000		

### **APPLICATIONS**

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

## APPROVALS / CERTIFICATES



### ETA-08/0173 + DoPs







Seismic resistance (ETA-08/0173)

- May 23, '21 20:56 19:56:22



TC 6236-21



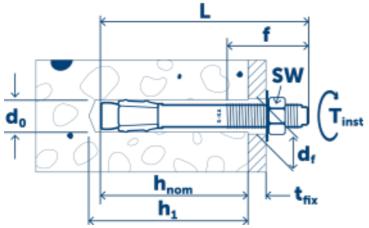
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## Technical data

## INSTALLATION DETAILS

Size

- Length (L)
- Thread (f)
- Width across flats (SW)
- Max. fixture thickness (T $_{\rm fix}$  )



## INSTALLATION DETAILS

M8	Hole in fixture (D <sub>f</sub> )	9
112	Drill hole diameter (d <sub>0</sub> ) $ø$	8
72	Minimum drill hole depth	60
13	Drill hole depth (h1)	60
50	Nominal setting depth (H <sub>nom</sub> )	50
	Effective setting depth (H <sub>ef</sub> )	45
	Installation torque (T <sub>inst</sub> )	20

## Performance data

Base material All	Load type		Load direction	Load value
Non-cracked concrete C20/25	N <sub>Rec</sub>	50 mm	**	3.6 kN
Non-cracked concrete C20/25	V <sub>Rec</sub>	50 mm	*	5.7 kN
Cracked concrete C20/25	N <sub>Rec</sub>	50 mm	*	2.0 kN
Cracked concrete C20/25	V <sub>Rec</sub>	50 mm	<b>*</b>	5.0 kN

## Installation

