

Through bolt S-KA 8X50 ZP

SORMAT CODE 9640000110

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

Other codes	SNRO 1356610 / LVI 3253012
Material	Steel, zinc plated
Packages	box (bag): 100 / outer carton: 500 / pallet: 28000
Weight	22.9 kg / 1000

BASE MATERIALS

APPROVED FOR

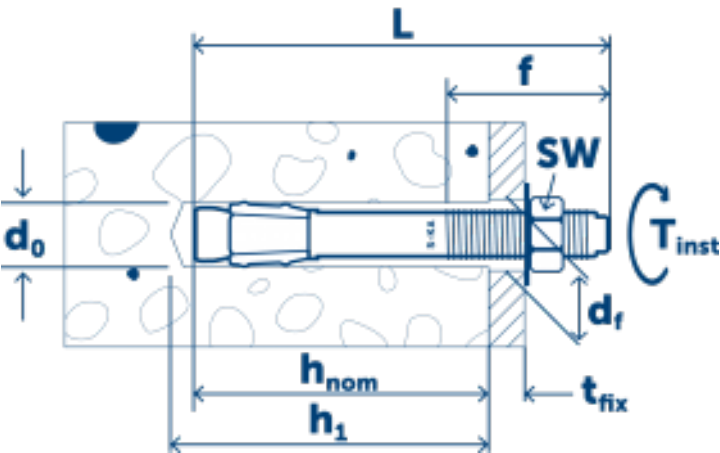
- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

- Natural stone
- Solid clay brick

INSTALLATION DETAILS

Size	M8	Hole in fixture (D_f)	9
Length (L)	52	Drill hole diameter (d_0) \varnothing	8
Thread (f)	23	Minimum drill hole depth	45
Width across flats (SW)	13	Drill hole depth (h_1)	45
Max. fixture thickness (T_{fix})	2	Nominal setting depth (H_{nom})	40
		Effective setting depth (H_{ef})	35
		Installation torque (T_{inst})	11



Performance data

Base material	Load type	Embedment depth (h_{nom})	Load direction	Load value
All				
Non-cracked concrete C20/25	N_{Rec}	40 mm		3.3 kN
Non-cracked concrete C20/25	V_{Rec}	40 mm		3.4 kN
Cracked concrete C20/25	N_{Rec}	40 mm		3.3 kN
Cracked concrete C20/25	V_{Rec}	40 mm		3.4 kN

Installation

