

Through bolt S-KAK 8X50 HDG

SORMAT CODE **9640002110**

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.
- HDG for dry and humid indoor use, outdoor inland rural areas only.

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)

PRODUCT OVERVIEW

Other codes	SNRO 1356710 / LVI 3252912
Material	Steel, hot dip galvanized
Packages	box (bag): 100 / outer carton: 500 / pallet: 28000
Weight	23.4 kg / 1000

BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

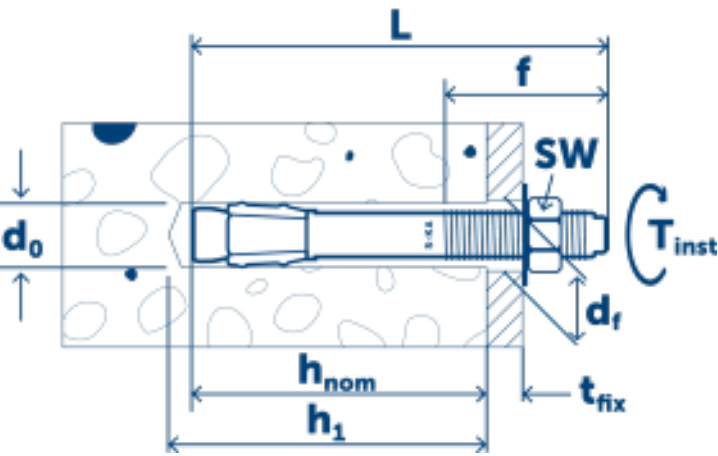
ALSO SUITABLE FOR

- Natural stone
- Solid clay brick

Technical data

INSTALLATION DETAILS

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



INSTALLATION DETAILS

M8	Hole in fixture (D_f)	9
52	Drill hole diameter (d_0) \varnothing	8
23	Minimum drill hole depth	45
13	Drill hole depth (h_1)	45
2	Nominal setting depth (H_{nom})	40
	Effective setting depth (H_{ef})	30
	Installation torque (T_{inst})	15

Performance data

Base material	Load type	Embedment depth (h_{nom})	Load direction	Load value
All				
Non-cracked concrete C20/25	N_{Rec}	30 mm		3.3 kN
Non-cracked concrete C20/25	V_{Rec}	30 mm		3.4 kN
Cracked concrete C20/25	N_{Rec}	30 mm		3.3 kN
Cracked concrete C20/25	V_{Rec}	30 mm		3.4 kN

Installation

