SORMAT

Through bolt S-KAK 8/85 HDG

SORMAT CODE 9640003118

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.

PRODUCT OVERVIEW

Other codes	SNRO 1356718 /
Material	Steel, hot dip galvanized
Packages	box (bag): 40 / outer carton: 200 / pallet: 11200
Weight	53.6 kg / 1000

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
- Solid clay brick

APPROVALS / CERTIFICATES

ETA-08/0173 + DoPs

0809-CPR-1078

TC 6236-21

Fire resistance (ETA-08/0173)

Technical data

INSTALLATION DETAILS

Size	M8
Length (L)	147
Thread (f)	107
Width across flats (SW)	13
Max. fixture thickness (T_{fix})	85
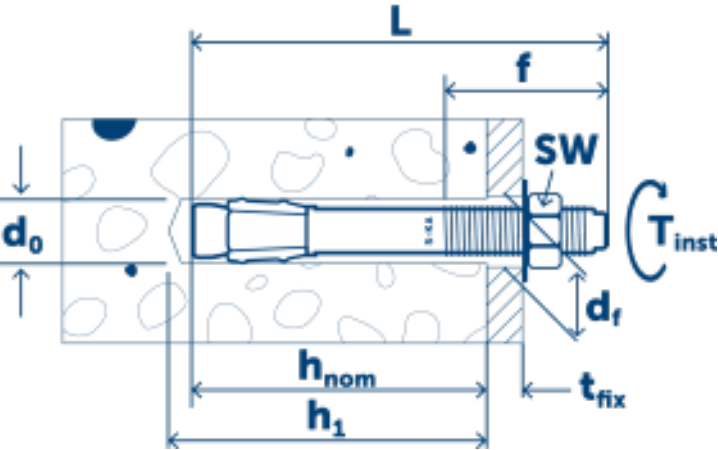
INSTALLATION DETAILS

Hole in fixture (D_f)	9
Drill hole diameter (d_0) ⌀	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})	15

Performance data

Base material [All ⌄]	Load type	Embedment depth (h_{nom})	Load direction	Load value
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