SORMAT

Through bolt S-KAK 6X40 HDG

SORMAT CODE 9640002100

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 1356702 /
Material	Steel, hot dip galvanized
Packages	box (bag): 150 / outer carton: 750 / pallet: 42000
Weight	10.8 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-18/0971 + DoPs

TC 6236-21

0809-CPR-19004629

Fire resistance (ETA-18/0971)

Technical data

INSTALLATION DETAILS

Size	M6
Length (L)	40
Thread (f)	18
Width across flats (SW)	10
Max. fixture thickness (T_{fix})	2
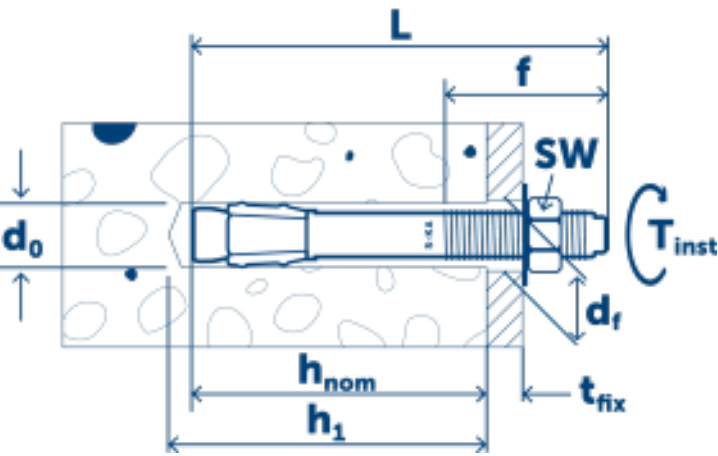
INSTALLATION DETAILS

Hole in fixture (D_f)	7
Drill hole diameter (d_0) $\varnothing$	6
Minimum drill hole depth	35
Drill hole depth (h_1)	35
Nominal setting depth (H_{nom})	30
Effective setting depth (H_{ef})	25
Installation torque (T_{inst})	4

Performance data

Base material: All	Load type	Embedment depth (h_{nom})	Load direction	Load value
Non-cracked concrete C20/25	N_{Rec}	30 mm		1.0 kN
Non-cracked concrete C20/25	V_{Rec}	30 mm		2.0 kN
Cracked concrete C20/25	N_{Rec}	30 mm		1.0 kN
Cracked concrete C20/25	V_{Rec}	30 mm		2.0 kN

Installation