

Through bolt S-KA 16X90 ZP

SORMAT CODE 9640000169



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



TC 6236-21

Technical data

INSTALLATION DETAILS

Size	M16
Length (L)	90
Thread (f)	43

PRODUCT OVERVIEW

Other codes	SNRO 1356653 /
Material	Steel, zinc plated
Packages	box (bag): 10 / outer carton: 50 / pallet: 2800
Weight	159.4 kg / 1000

BASE MATERIALS

ALSO SUITABLE FOR

- Natural stone
- Non-cracked concrete

INSTALLATION DETAILS

Hole in fixture (D_f)	18
Drill hole diameter (d₀) ∅	16
Minimum drill hole depth	80

Width across flats (SW)

Max. fixture thickness (T_{fix})

24 Drill hole depth (h_1)

3 Nominal setting depth (H_{nom})

Effective setting depth (H_{ef})

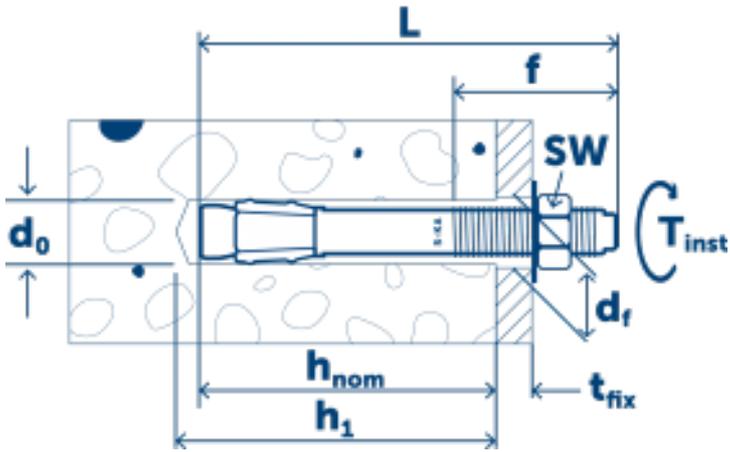
Installation torque (T_{inst})

80

70

60

100



Performance data

Base material	Load type	Embedment depth (h_{nom})	Load direction	Load value
Non-cracked concrete C20/25	N_{Rec}	70 mm		9.9 kN
Non-cracked concrete C20/25	V_{Rec}	70 mm		21.8 kN

Installation

