

Through bolt S-KA 10/50 ZP

SORMAT CODE 9640001137

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-08/0173 + DoPs



0809-CPR-1078



Seismic resistance (ETA-08/0173)



TC 6236-21



Fire resistance (ETA-08/0173)

PRODUCT OVERVIEW

Other codes	SNRO 1356310 /
Material	Steel, zinc plated
Packages	box (bag): 25 / outer carton: 125 / pallet: 7000
Weight	79.2 kg / 1000

BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

- Natural stone

Technical data

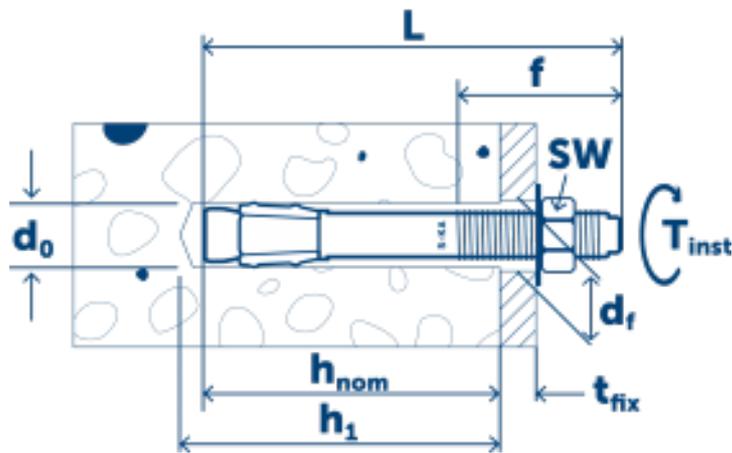
INSTALLATION DETAILS

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

M10
 132
 87
 17
 50

INSTALLATION DETAILS

Hole in fixture (D_f) 12
Drill hole diameter (d_0) \varnothing 10
Minimum drill hole depth 75
Drill hole depth (h_1) 75
Nominal setting depth (H_{nom}) 68
Effective setting depth (H_{ef}) 60
Installation torque (T_{inst}) 35



Performance data

Base material	Load type	Embedment depth (h_{nom})	Load direction	Load value
All <input type="text" value="All"/>				
Non-cracked concrete C20/25	N_{Rec}	68 mm		6.3 kN
Non-cracked concrete C20/25	V_{Rec}	68 mm		10.3 kN
Cracked concrete C20/25	N_{Rec}	68 mm		3.6 kN
Cracked concrete C20/25	V_{Rec}	68 mm		10.3 kN

Installation

