

Through bolt S-KA 16/50 ZP

SORMAT CODE 9640001173



Premium-quality through bolts for fixing in noncracked and cracked concrete

- Torque-controlled expansion anchors for pre-, pushthrough 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.

PRODUCT OVERVIEW

Other codes Material **Packages**

Weight

SNRO 1356656 / Steel, zinc plated box (bag): 10 / outer carton: 50 / pallet: 2800

261.9 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

APPROVALS / CERTIFICATES



ETA-08/0173 + DoPs



0809-CPR-1078



Fire resistance (ETA-08/0173)



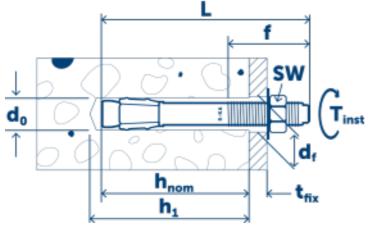


Seismic resistance (ETA-08/0173)

Technical data

INSTALLATION DETAILS

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



INSTALLATION DETAILS

M16

168

110

24

50

Hole in fixture (D _f)	18
Drill hole diameter (d ₀) Ø	16
Minimum drill hole depth	110
Drill hole depth (h ₁)	110
Nominal setting depth (H _{nom})	96
Effective setting depth (H _{ef})	85
Installation torque (Tinst)	120

Performance data

Base material All	Load type	Embedment depth (h _{nom})	Load direction	Load value
Non-cracked concrete C20/25	N_{Rec}	96 mm	**	16.7 kN
Non-cracked concrete C20/25	V_{Rec}	96 mm		25.1 kN
Cracked concrete C20/25	N _{Rec}	96 mm	₹	9.5 kN
Cracked concrete C20/25	V_{Rec}	96 mm		25.1 kN

Installation



