SORMAT 🗲

Through bolt S-KA 16/20 ZP

SORMAT CODE 9640001171



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

- Torque-controlled expansion anchors for pre-, pushthrough and distance installations.
- When torgue 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	SNRO 1356651 / LVI		
	3253042		
Material	Steel, zinc plated		
Packages	box (bag): 10 / outer		
	carton: 50 / pallet: 2800		
Weight	223.8 kg / 1000		

APPLICATIONS

- Steel structures
- Column base plates
- Seatings
- Barriers
- Cable racks
- Handrails
- Ladders
- Façade systems

APPROVALS / CERTIFICATES



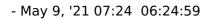
ETA-08/0173 + DoPs



0809-CPR-1078



Seismic resistance (ETA-08/0173)



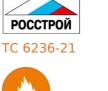
BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

Natural stone

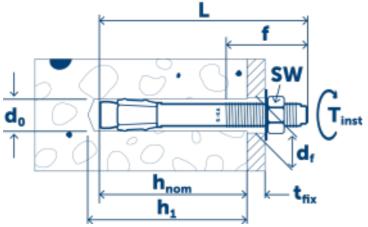




Technical data

INSTALLATION DETAILS

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



INSTALLATION DETAILS

M16	Hole in fixture (D _f)	18
138	Drill hole diameter (d ₀) $ø$	16
80	Minimum drill hole depth	110
24	Drill hole depth (h1)	110
20	Nominal setting depth (H _{nom})	96
	Effective setting depth (H _{ef})	85
	Installation torque (T _{inst})	120

Performance data

Base material All	Load type		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	<u> </u>	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

