

# Through bolt S-KA 16/5 ZP

SORMAT CODE 9640001170



## 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 1356650 / Steel, zinc plated box (bag): 10 / outer carton: 50 / pallet: 2800

202.5 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



РОССТРОЙ

Fire resistance (ETA-08/0173)



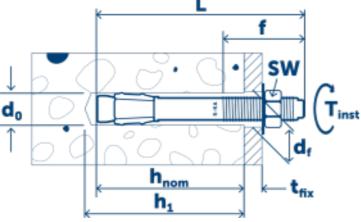


Seismic resistance (ETA-08/0173)

## Technical data

## **INSTALLATION DETAILS**

# Size Length (L) Thread (f) Width across flats (SW) Max. fixture thickness (T<sub>fix</sub> )



## **INSTALLATION DETAILS**

M16	Hole in fixture (D <sub>f</sub> )	18
123	Drill hole diameter (d <sub>0</sub> ) ø	16
65	Minimum drill hole depth	110
24	Drill hole depth (h <sub>1</sub> )	110
5	Nominal setting depth (H <sub>nom</sub> )	96
	Effective setting depth (H <sub>ef</sub> )	85
	Installation torque (T <sub>inst</sub> )	120

# Performance data

Base material All	Load type	Embedment depth (h <sub>nom</sub> )	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 <sub>Rec</sub>	96 mm	<b>₹</b>	9.5 kN
Cracked concrete C20/25	$V_{Rec}$	96 mm		25.1 kN

# Installation



