

# Through bolt S-KAK 16/95 HDG

SORMAT CODE 9640002176



## 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.
- HDG for dry and humid indoor use, outdoor inland rural areas only.

## 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)	213

### PRODUCT OVERVIEW

Other codes	SNRO 1356367 /
Material	Steel, hot dip galvanized
Packages	box (bag): 5 / outer carton: 25 / pallet: 1400
Weight	355.3 kg / 1000

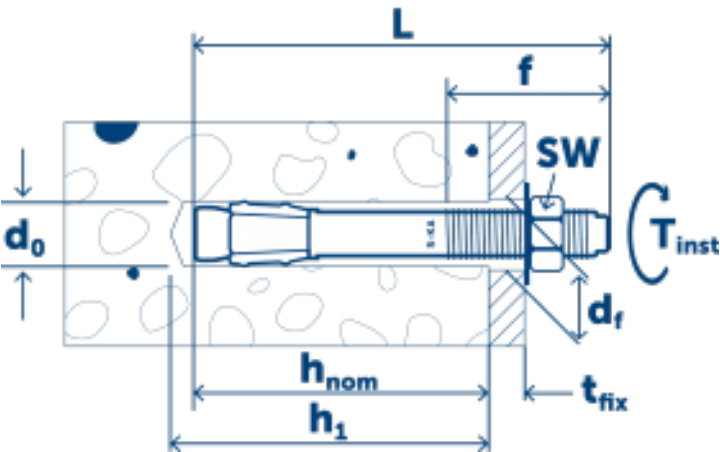
### BASE MATERIALS

- ALSO SUITABLE FOR
- Natural stone
  - Non-cracked concrete



### INSTALLATION DETAILS

Hole in fixture (D <sub>f</sub> )	18
Drill hole diameter (d <sub>0</sub> ) Ø	16

Thread (f)	55	Minimum drill hole depth	110
Width across flats (SW)	24	Drill hole depth ( $h_1$ )	110
Max. fixture thickness ( $T_{fix}$ )	95	Nominal setting depth ( $H_{nom}$ )	96
		Effective setting depth ( $H_{ef}$ )	85
		Installation torque ( $T_{inst}$ )	120



# Performance data

Base material	Load type	Embedment depth ( $h_{nom}$ )	Load direction	Load value
Non-cracked concrete C20/25	$N_{Rec}$	96 mm		10.0 kN
Non-cracked concrete C20/25	$V_{Rec}$	96 mm		10.0 kN

# Installation

