

Through bolt S-KAK+ 16/60 HDG (1 DIY)

SORMAT CODE 9640094149



Improved premium-quality hdg 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 thicknesses marked on the body. Anchor length letter code marked on the bolt head.
- M8, M10 and M12 have two different anchorage depths.
- 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.

PRODUCT OVERVIEW

Other codes

Material
Packages
Weight
GTIN-13

Steel, hot dip galvanized box (bag): 1 / outer carton: 5 277.0 kg / 1000 6416031941498

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-16/0934 + DoPs



Fire resistance (ETA-16/0934)

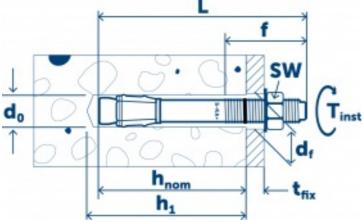


0809-CPR-1252

Technical data

INSTALLATION DETAILS

Size		
Length (L)		
Thread (f)		
Width across flats (SW)		
Max. fixture thickness (T _{fix})		
	100	



INSTALLATION DETAILS

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})	97
Effective setting depth (H _{ef})	85
Installation torque (Times)	110

Performance data

Base material All	Load type	Embedment depth (h _{nom})	Load direction	Load value
Non-cracked concrete C20/25	N _{Rec}	97 mm) 	17.1 kN
Non-cracked concrete C20/25	V _{Rec}	97 mm		30.9 kN
Cracked concrete C20/25	N _{Rec}	97 mm		11.4 kN
Cracked concrete C20/25	V _{Rec}	97 mm	<u> </u>	30.9 kN

Installation

