SORMAT 🔁

Through bolt S-KAK+ 16/5 HDG (1 DIY)

SORMAT CODE 9640094143



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: 5 205.2 kg / 1000 6416031941436

APPLICATIONS

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

APPROVALS / CERTIFICATES



ETA-16/0934 + DoPs



BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

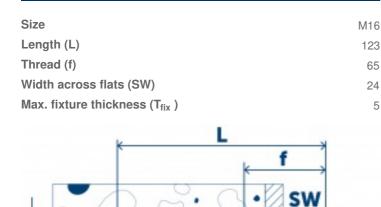
Natural stone



Technical data

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INSTALLATION DETAILS



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INSTALLATION DETAILS

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6	Hole in fixture (D _f)	18
3	Drill hole diameter (d ₀) ø	16
5	Minimum drill hole depth	110
1	Drill hole depth (h ₁)	110
5	Nominal setting depth (H _{nom})	97
	Effective setting depth (H _{ef})	85
	Installation torque (T _{inst})	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		30.9 kN

Installation

