

Through bolt S-KAK+ 10/50/30 HDG

SORMAT CODE 9640003327



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

SNRO 1324106 / LVI 3253691 Steel, hot dip galvanized box (bag): 25 / outer carton: 125 / pallet: 7000 70.7 kg / 1000 6416031033278

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)

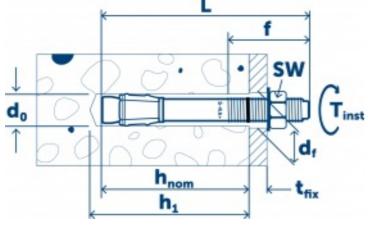


0809-CPR-1252

Technical data

INSTALLATION DETAILS

Size M10 Length (L) 112 Thread (f) 67 Width across flats (SW) 17 Max. fixture thickness (T_{fix}) 50/30



INSTALLATION DETAILS

Hole in fixture (D _f)	12
Drill hole diameter (d ₀) Ø	10
Minimum drill hole depth	55/75
Drill hole depth (h ₁)	55/75
Nominal setting depth (H _{nom})	48/68
Effective setting depth (H _{ef})	40/60
Installation torque (T _{inst})	30

Performance data

Base material All	Load type	Embedment depth (h _{nom})	Load direction	Load value
Non-cracked concrete C20/25	N _{Rec}	48 mm		5.7 kN
Non-cracked concrete C20/25	V _{Rec}	48 mm	<u></u>	11.7 kN
Non-cracked concrete C20/25	N _{Rec}	68 mm	∭ →→	9.0 kN
Non-cracked concrete C20/25	V _{Rec}	68 mm	<u> </u>	11.7 kN
Cracked concrete C20/25	N _{Rec}	48 mm	(→)	4.1 kN
Cracked concrete C20/25	V _{Rec}	48 mm		11.7 kN
Cracked concrete C20/25	N _{Rec}	68 mm) - >>	5.7 kN
Cracked concrete C20/25	V _{Rec}	68 mm		11.7 kN

Installation

