

Through bolt S-KAK+ 10/40/20 HDG

SORMAT CODE 9640003326

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.

APPLICATIONS

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

APPROVALS / CERTIFICATES



ETA-16/0934 + DoPs



Fire resistance (ETA-16/0934)



0809-CPR-1252

PRODUCT OVERVIEW

Other codes	SNRO 1324105 / LVI 3253690
Material	Steel, hot dip galvanized
Packages	box (bag): 25 / outer carton: 125 / pallet: 7000
Weight	65.9 kg / 1000
GTIN-13	6416031033261

BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

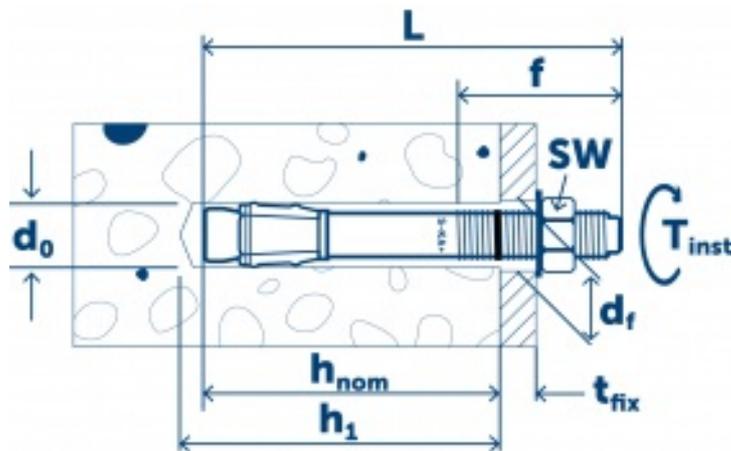
ALSO SUITABLE FOR

- Natural stone

Technical data

INSTALLATION DETAILS

Size	M10
Length (L)	102
Thread (f)	57
Width across flats (SW)	17
Max. fixture thickness (T_{fix})	40/20



INSTALLATION DETAILS

Hole in fixture (D_f)	12
Drill hole diameter (d_0) \varnothing	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 <input type="text" value="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		11.7 kN
Non-cracked concrete C20/25	N_{Rec}	68 mm		9.0 kN
Non-cracked concrete C20/25	V_{Rec}	68 mm		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

