

Concrete Screw S-CSA+ HEX 14X110/45 SW24 ZP

SORMAT CODE 9640071817



ETA-approved heavy-duty concrete screws for high loads

- Self-tapping, screw anchors for push-through installations.
- Requires a small drill hole diameter. No prescribed tightening torque.
- No expansion forces allowing for small edge distances and spacings.
- Fully removable.
- Type WOF = without combined washer
- Seismic performance category C2 with h_{ef} -2.
- ZP for dry indoor use.

PRODUCT OVERVIEW

Other codes	SNRO 1324002 / LVI 3255574
Material	Steel, zinc plated
Packages	box (bag): 10 / outer carton: 50 / pallet: 2800
Weight	179.5 kg / 1000
GTIN-13	6416031718175

APPLICATIONS

- Facade scaffoldings
- Temporary fixings
- Seatings
- Shelves
- Cable racks
- Handrails
- Battens

BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

- Solid clay brick
- Solid sand-lime brick

APPROVALS / CERTIFICATES



ETA-20/0446 + DoPs



Fire resistance (ETA-20/0446)



0809-CPR-20006568



Z-21.8-2136

Technical data

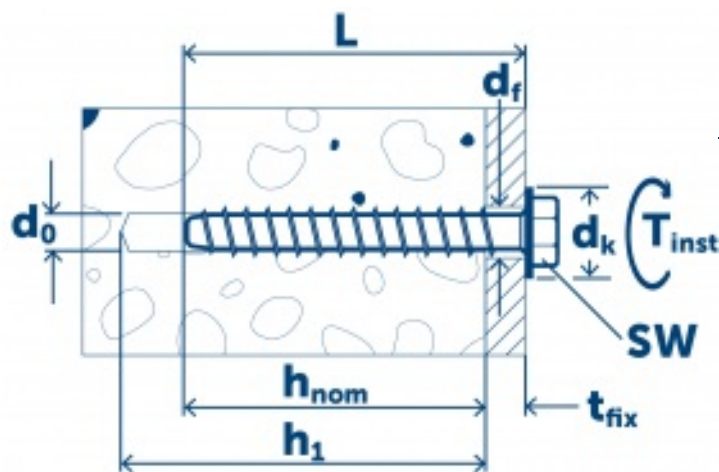
INSTALLATION DETAILS

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Size	14	Hole in fixture (D_f)	17-18
Length (L)	110	Drill hole diameter (d_0) $\varnothing$	14
Width across flats (SW)	24	Minimum drill hole depth	75
Max. fixture thickness (T_{fix})	45	Drill hole depth (h_1)	75
		Nominal setting depth (H_{nom})	65
		Installation torque (T_{inst})	max 100

HEAD DETAILS

Head diameter $\varnothing$	29,5
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Performance data

Base material	Load type	Embedment depth (h_{nom})	Load direction	Load value
All				
Non-cracked concrete C20/25	N _{Rec}	65 mm		7.1 kN
Non-cracked concrete C20/25	V _{Rec}	65 mm		26.8 kN
Cracked concrete C20/25	N _{Rec}	65 mm		4.0 kN
Cracked concrete C20/25	V _{Rec}	65 mm		18.7 kN

Installation

