

Concrete Screw S-CSA+ HEX 14X100/35 SW21 ML

SORMAT CODE 9640071813



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.
- Seismic performance category C2 with h_{ef} -2.
- ML (Multi Layer) corrosion protection coating exceeding 1000 hours in SST acc. ISO 9227.
- For outdoor use in not safety relevant applications.

APPLICATIONS

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

APPROVALS / CERTIFICATES



ETA-20/0446 + DoPs



Fire resistance (ETA-20/0446)

Technical data

INSTALLATION DETAILS

PRODUCT OVERVIEW

Other codes	/ LVI 3255592
Material	Multi Layer coated
Packages	box (bag): 10 / outer carton: 50 / pallet: 2800
Weight	150.0 kg / 1000
GTIN-13	6416031718137

BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

- Solid clay brick
- Solid sand-lime brick



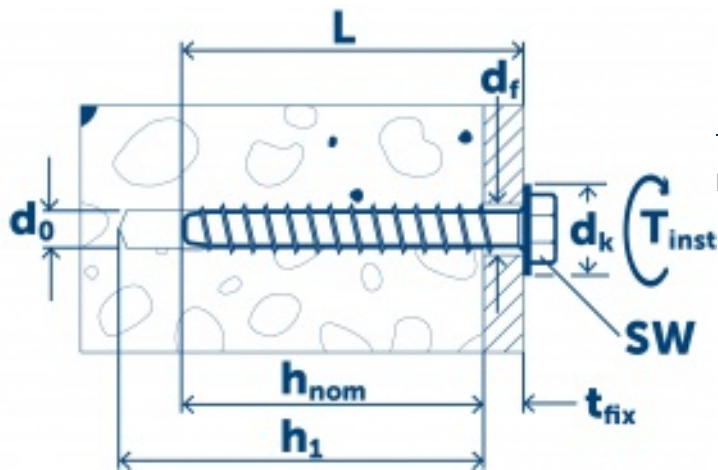
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Z-21.8-2136

INSTALLATION DETAILS

Size	14	Hole in fixture (D_f)	17-18
Length (L)	100	Drill hole diameter (d_0) $\varnothing$	14
Width across flats (SW)	21	Minimum drill hole depth	75
Max. fixture thickness (T_{fix})	35	Drill hole depth (h_1)	75
		Nominal setting depth (H_{nom})	65
		Installation torque (T_{inst})	max 100



HEAD DETAILS

Head diameter $\varnothing$	28
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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

