

Concrete Screw S-CSA+ HEX 14X150/35/85 SW21 ML

SORMAT CODE 9640071841



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.

PRODUCT OVERVIEW

Other codes	/ LVI 3255594
Material	Multi Layer coated
Packages	box (bag): 10 / outer carton: 50 / pallet: 2800
Weight	209.0 kg / 1000
GTIN-13	6416031718410

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)



Seismic resistance (ETA-20/0446)



0809-CPR-20006568

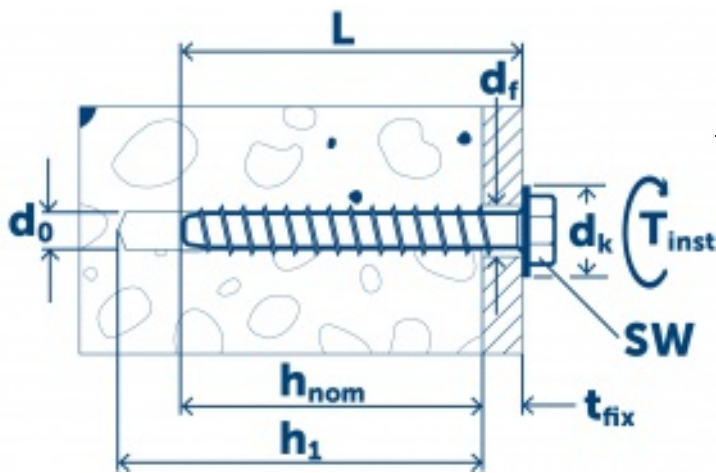


Z-21.8-2136

Technical data

INSTALLATION DETAILS

Size	14
Length (L)	150
Width across flats (SW)	21
Max. fixture thickness (T _{fix})	35/85



INSTALLATION DETAILS

Hole in fixture (D _f)	17-18
Drill hole diameter (d ₀) ∅	14
Minimum drill hole depth	125/75
Drill hole depth (h ₁)	125/75
Nominal setting depth (H _{nom})	115/65
Installation torque (T _{inst})	max 100

HEAD DETAILS

Head diameter ∅	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}	115 mm		20.0 kN
Non-cracked concrete C20/25	V _{Rec}	115 mm		37.1 kN
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}	115 mm		14.3 kN
Cracked concrete C20/25	V _{Rec}	115 mm		37.1 kN
Cracked concrete C20/25	N _{Rec}	65 mm		4.0 kN
Cracked concrete C20/25	V _{Rec}	65 mm		18.7 kN

Installation

