

Concrete Screw S-CSA+ HEX 10X90/5/35 ML

SORMAT CODE 9640071763



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 3255586
Material	Multi Layer coated
Packages	box (bag): 25 / outer carton: 125 / pallet: 7000
Weight	68.1 kg / 1000
GTIN-13	6416031717635

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



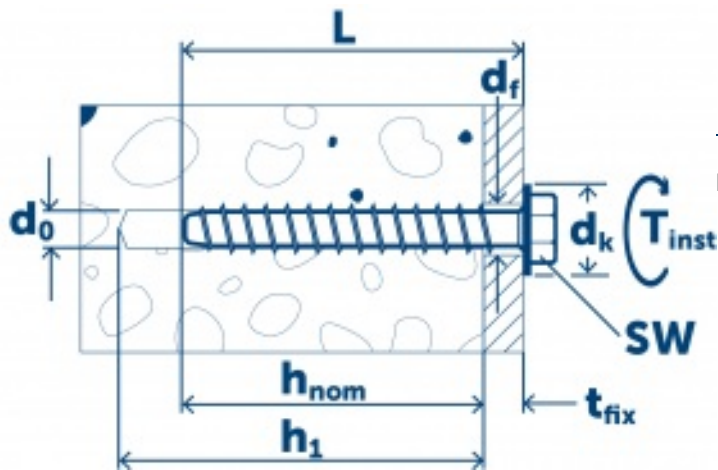
Seismic resistance (ETA-20/0446)

Technical data

INSTALLATION DETAILS

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Size	10	Hole in fixture (D_f)	13-14
Length (L)	90	Drill hole diameter (d_0) $\varnothing$	10
Width across flats (SW)	15	Minimum drill hole depth	95/65
Max. fixture thickness (T_{fix})	5/35	Drill hole depth (h_1)	95/65
		Nominal setting depth (H_{nom})	85/55
		Installation torque (T_{inst})	max 85



HEAD DETAILS

Head diameter $\varnothing$	20,5
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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}	85 mm		13.1 kN
Non-cracked concrete C20/25	V _{Rec}	85 mm		20.1 kN
Non-cracked concrete C20/25	N _{Rec}	55 mm		6.5 kN
Non-cracked concrete C20/25	V _{Rec}	55 mm		18.2 kN
Cracked concrete C20/25	N _{Rec}	85 mm		9.0 kN
Cracked concrete C20/25	V _{Rec}	85 mm		20.1 kN
Cracked concrete C20/25	N _{Rec}	55 mm		3.6 kN
Cracked concrete C20/25	V _{Rec}	55 mm		13.6 kN

Installation

