

Concrete Screw S-CSA+ HEX 8X70/5/20 ML

SORMAT CODE 9640071710



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 3255577
Material	Multi Layer coated
Packages	box (bag): 50 / outer carton: 250 / pallet: 14000
Weight	36.6 kg / 1000
GTIN-13	6416031717109

BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

- Solid clay brick
- Solid sand-lime brick



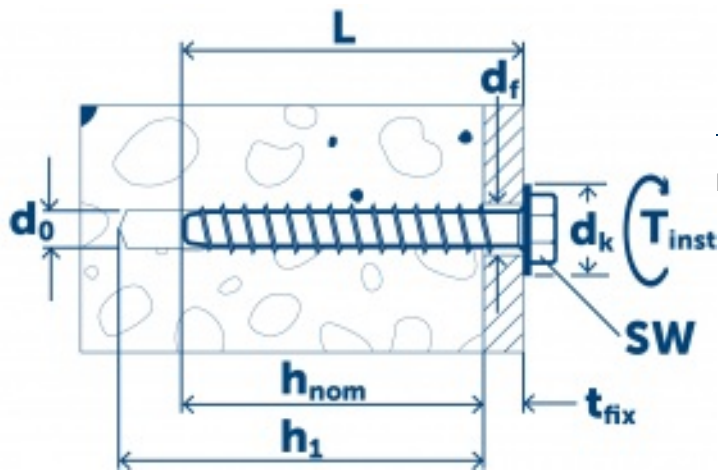
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Seismic resistance (ETA-20/0446)

INSTALLATION DETAILS

Size	8	Hole in fixture (D_f)	10,8-12
Length (L)	70	Drill hole diameter (d_0) $\varnothing$	8
Width across flats (SW)	13	Minimum drill hole depth	75/60
Max. fixture thickness (T_{fix})	5/20	Drill hole depth (h_1)	75/60
		Nominal setting depth (H_{nom})	65/50
		Installation torque (T_{inst})	max 45



HEAD DETAILS

Head diameter $\varnothing$	17,5
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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		8.8 kN
Non-cracked concrete C20/25	V _{Rec}	65 mm		12.3 kN
Non-cracked concrete C20/25	N _{Rec}	50 mm		5.7 kN
Non-cracked concrete C20/25	V _{Rec}	50 mm		10.9 kN
Cracked concrete C20/25	N _{Rec}	65 mm		5.7 kN
Cracked concrete C20/25	V _{Rec}	65 mm		12.3 kN
Cracked concrete C20/25	N _{Rec}	50 mm		3.1 kN
Cracked concrete C20/25	V _{Rec}	50 mm		10.9 kN

Installation

