

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

SORMAT CODE 9640071710

ETA-approved heavy-duty concrete screws for high loads (Sizes: 8/10/14 mm)

- 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 $h_{ef} \geq 2$.
- ML (Multi Layer) corrosion protection coating tested 2016 hours in SST acc. ISO 9227 and then fulfills the requirements for the neutral salt spray test with the corrosion class „C3 very high“ according to DIN EN ISO 12944-6:2018-06.
- 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



ML C3 certificate



0809-CPR-20006568



Fire resistance (ETA-20/0446)

PRODUCT OVERVIEW

Other codes	SNRO 1324208 / 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



Technical data

INSTALLATION DETAILS

Size
 Length (L)
 Width across flats (SW)
 Max. fixture thickness (T_{fix})

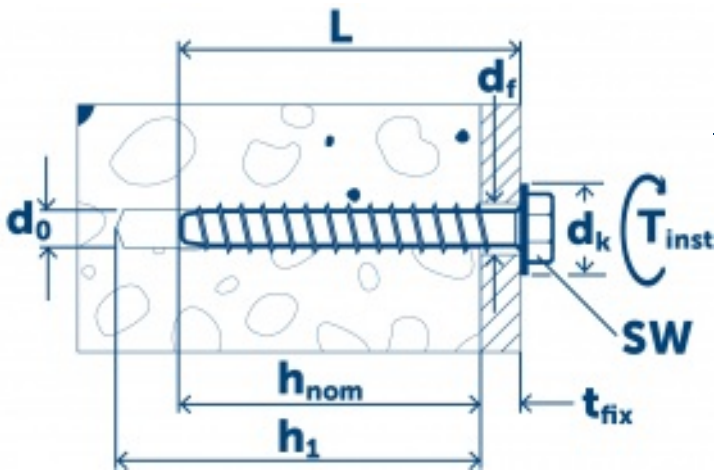
8
 70
 13
 5/20

INSTALLATION DETAILS









Hole in fixture (D_f) 10,8-12
 Drill hole diameter (d_0) \varnothing 8
 Minimum drill hole depth 75/60
 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



Performance data

Base material <input type="text" value="All"/>	Load type	Embedment depth (h_{nom})	Load direction	Load value
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

