

# Concrete Screw S-CSA+ HEX 8X90/25/40 ML

SORMAT CODE 9640071722

## 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

<b>Other codes</b>	SNRO 1324212 / LVI 3255579
<b>Material</b>	Multi Layer coated
<b>Packages</b>	box (bag): 50 / outer carton: 250 / pallet: 14000
<b>GTIN-13</b>	6416031717222

## BASE MATERIALS

### APPROVED FOR

- Cracked concrete
- Non-cracked concrete

### ALSO SUITABLE FOR

- Solid clay brick
- Solid sand-lime brick



## Technical data

### INSTALLATION DETAILS

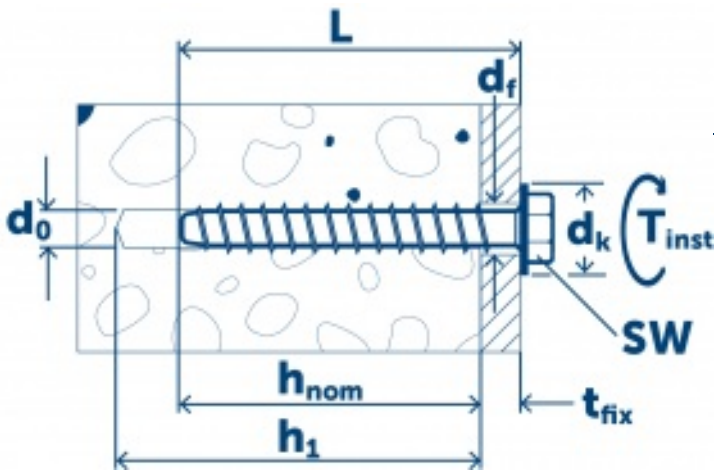
Size	8
Length (L)	90
Width across flats (SW)	13
Max. fixture thickness ( $T_{fix}$ )	25/40

### 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
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# 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

