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

SORMAT CODE 9640071722

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 3255579
Material	Multi Layer coated
Packages	box (bag): 50 / outer carton: 250 / pallet: 14000
GTIN-13	6416031717222

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

0809-CPR-20006568

Fire resistance (ETA-20/0446)

Seismic resistance (ETA-20/0446)

Technical data

INSTALLATION DETAILS

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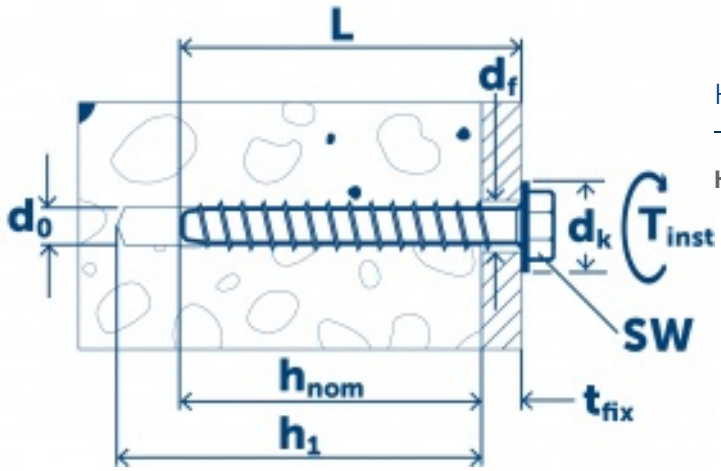
Size	8
Length (L)	90
Width across flats (SW)	13
Max. fixture thickness (T_{fix})	25/40

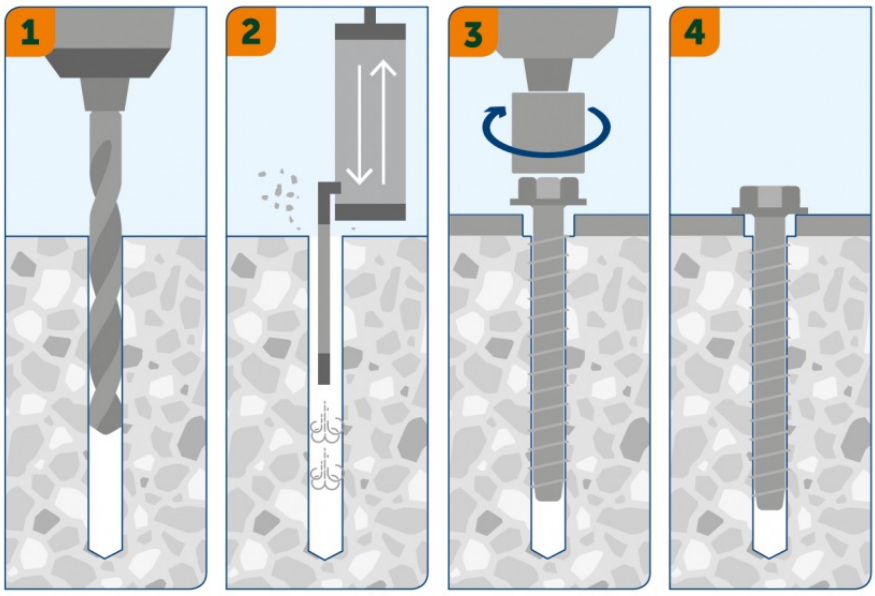


Hole in fixture (D_f)	10,8-12
Drill hole diameter (d_0) ⌀	8
Minimum drill hole depth	75/60
Drill hole depth (h_1)	75/60
Nominal setting depth (H_{nom})	65/50
Installation torque (T_{inst})	max 45

HEAD DETAILS

Head diameter ⌀	17,5

Performance data

Base material: 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