

# Concrete Screw S-CSA+ HEX 8X80/15/30 ZP (5 DIY)

SORMAT CODE 9640095965



## 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.
- Type WOF = without combined washer
- Seismic performance category C2 with  $h_{ef}$ -2.
- ZP for dry indoor use.

## PRODUCT OVERVIEW

|             |                                 |
|-------------|---------------------------------|
| Other codes | /                               |
| Material    | Steel, zinc plated              |
| Packages    | box (bag): 5 / outer carton: 25 |
| Weight      | 40.0 kg / 1000                  |
| GTIN-13     | 6416031959653                   |

## 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



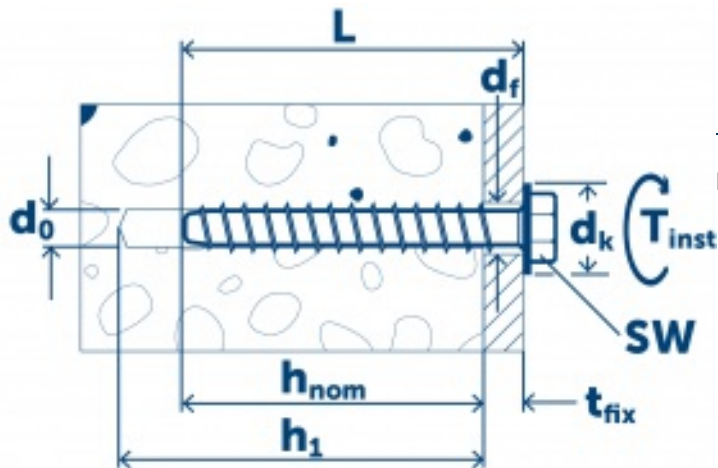
Seismic resistance (ETA-20/0446)

## Technical data

### INSTALLATION DETAILS

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|                                      |       |                                             |         |
|--------------------------------------|-------|---------------------------------------------|---------|
| Size                                 | 8     | Hole in fixture ( $D_f$ )                   | 10,8-12 |
| Length (L)                           | 80    | Drill hole diameter ( $d_0$ ) $\varnothing$ | 8       |
| Width across flats (SW)              | 13    | Minimum drill hole depth                    | 75/60   |
| Max. fixture thickness ( $T_{fix}$ ) | 15/30 | 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               | Load type        | Embedment depth (h <sub>nom</sub> ) | Load direction | Load value |
|-----------------------------|------------------|-------------------------------------|----------------|------------|
| All                         |                  |                                     |                |            |
| Non-cracked concrete C20/25 | N <sub>Rec</sub> | 65 mm                               |                | 8.8 kN     |
| Non-cracked concrete C20/25 | V <sub>Rec</sub> | 65 mm                               |                | 12.3 kN    |
| Non-cracked concrete C20/25 | N <sub>Rec</sub> | 50 mm                               |                | 5.7 kN     |
| Non-cracked concrete C20/25 | V <sub>Rec</sub> | 50 mm                               |                | 10.9 kN    |
| Cracked concrete C20/25     | N <sub>Rec</sub> | 65 mm                               |                | 5.7 kN     |
| Cracked concrete C20/25     | V <sub>Rec</sub> | 65 mm                               |                | 12.3 kN    |
| Cracked concrete C20/25     | N <sub>Rec</sub> | 50 mm                               |                | 3.1 kN     |
| Cracked concrete C20/25     | V <sub>Rec</sub> | 50 mm                               |                | 10.9 kN    |

# Installation

