

# Concrete Screw S-CSA I 6X60 M8/M10X30 ZP (5 DIY)

SORMAT CODE 9640095991



## ETA-approved 6 concrete screw for cracked and non-cracked concrete

- Self-tapping, approved 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.
- ZP for dry indoor use.

## APPLICATIONS

- Pipe supports
- Installation channels

## PRODUCT OVERVIEW

|                    |                                 |
|--------------------|---------------------------------|
| <b>Other codes</b> | /                               |
| <b>Material</b>    | Steel, zinc plated              |
| <b>Packages</b>    | box (bag): 5 / outer carton: 50 |
| <b>Weight</b>      | 38.3 kg / 1000                  |

## BASE MATERIALS

### APPROVED FOR

- Cracked concrete
- Hollow-core slab
- Non-cracked concrete

### ALSO SUITABLE FOR

- Solid clay brick
- Solid sand-lime brick

## APPROVALS / CERTIFICATES



ETA-16/0945 + DoPs



0809-CPR-1202



Fire resistance (ETA-16/0945)



ETA-17/1009 + DoPs



0809-CPR-1238

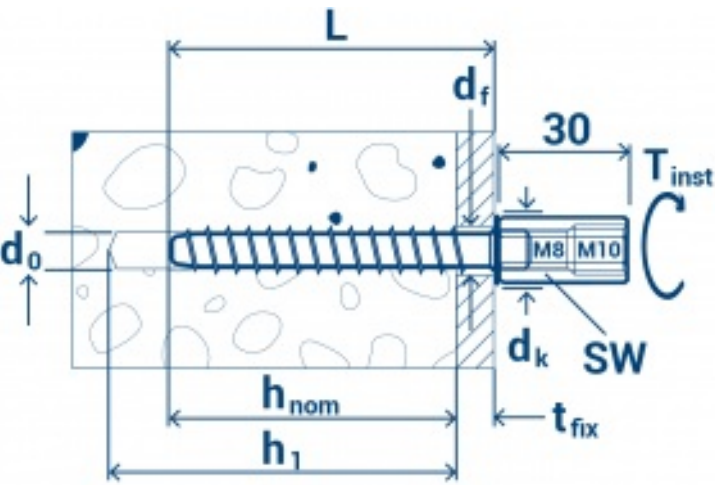


Fire resistance (ETA-17/1009)

## Technical data

INSTALLATION DETAILS

Size  
Length (L)  
Width across flats (SW)  
Max. fixture thickness (T<sub>fix</sub>)



INSTALLATION DETAILS

|      |                                           |       |
|------|-------------------------------------------|-------|
| 6    | Hole in fixture (D <sub>f</sub> )         | 9     |
| 60   | Drill hole diameter (d <sub>0</sub> ) ∅   | 6     |
| 13   | Minimum drill hole depth                  | 65/50 |
| 5/20 | Drill hole depth (h <sub>1</sub> )        | 65/50 |
|      | Nominal setting depth (H <sub>nom</sub> ) | 55/40 |
|      | Installation torque (T <sub>inst</sub> )  | 14    |

HEAD DETAILS

|                 |    |
|-----------------|----|
| Head diameter ∅ | 14 |
|-----------------|----|

# Performance data

| Base material                                   | ETA | Load type        | Embedment depth (h <sub>nom</sub> ) | Load direction                                                                      | Load value |
|-------------------------------------------------|-----|------------------|-------------------------------------|-------------------------------------------------------------------------------------|------------|
| All                                             |     |                  |                                     |                                                                                     |            |
| Non-cracked concrete C20/25                     | Yes | N <sub>Rec</sub> | 55 mm                               |  | 4.5 kN     |
| Non-cracked concrete C20/25                     | Yes | V <sub>Rec</sub> | 55 mm                               |  | 5.6 kN     |
| Cracked concrete C20/25                         | Yes | N <sub>Rec</sub> | 55 mm                               |  | 2.1 kN     |
| Cracked concrete C20/25                         | Yes | V <sub>Rec</sub> | 55 mm                               |  | 4.5 kN     |
| Non-cracked concrete C20/25                     | Yes | N <sub>Rec</sub> | 40 mm                               |  | 1.7 kN     |
| Non-cracked concrete C20/25                     | Yes | V <sub>Rec</sub> | 40 mm                               |  | 5.4 kN     |
| Cracked concrete C20/25                         | Yes | N <sub>Rec</sub> | 40 mm                               |  | 1.7 kN     |
| Cracked concrete C20/25                         | Yes | V <sub>Rec</sub> | 40 mm                               |  | 5.4 kN     |
| Hollow-core slab, bottom flange thickness 25 mm | Yes | N <sub>Rec</sub> | 40 mm                               |  | 1.2 kN     |
| Hollow-core slab, bottom flange thickness 25 mm | Yes | V <sub>Rec</sub> | 40 mm                               |  | 1.2 kN     |

# Installation

