

Through bolt S-KAH 10/50 A4

SORMAT CODE 9640005138



Premium-quality through bolts for fixing in noncracked and cracked concrete

- Torque-controlled expansion anchors for pre-, pushthrough and distance installations.
- When torque is applied the expansion clip expands developing frictional grip with the drill hole walls.
- Anchor diameter and max, fixture thickness marked on the body.
- The use of S-KA setting tool makes serial installation safer and quicker.
- A4 for indoor, outdoor and industrial use.

PRODUCT OVERVIEW

Other codes Material **Packages**

Weight

SNRO 1356828 / Stainless steel, A4 box (bag): 25 / outer carton: 125 / pallet: 7000

79.8 kg / 1000

APPLICATIONS

- Steel structures
- Column base plates
- Seatings
- Barriers
- Cable racks
- Handrails
- Ladders
- Façade systems

BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

Natural stone

APPROVALS / CERTIFICATES



ETA-08/0173 + DoPs



0809-CPR-1078





Seismic resistance (ETA-08/0173)



TC 6236-21

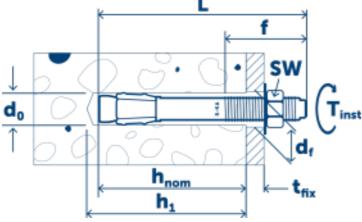


Fire resistance (ETA-08/0173)

Technical data

INSTALLATION DETAILS

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



INSTALLATION DETAILS

| M10 | Hole in fixture (D _f) | 12 |
|-----|--------------------------------------------|----|
| 132 | Drill hole diameter (d ₀) ø | 10 |
| 87 | Minimum drill hole depth | 75 |
| 17 | Drill hole depth (h ₁) | 75 |
| 50 | Nominal setting depth (H _{nom}) | 68 |
| | Effective setting depth (H _{ef}) | 60 |
| | Installation torque (Tinst) | 35 |

Performance data

| Base material All | Load type | Embedment depth (h _{nom}) | Load direction | Load value |
|-----------------------------|------------------|-------------------------------------|----------------|------------|
| Non-cracked concrete C20/25 | N_{Rec} | 68 mm |) , | 6.3 kN |
| Non-cracked concrete C20/25 | V _{Rec} | 68 mm | | 9.7 kN |
| Cracked concrete C20/25 | N _{Rec} | 68 mm | (⊆ ++ | 3.6 kN |
| Cracked concrete C20/25 | V_{Rec} | 68 mm | | 9.7 kN |

Installation



