

Through bolt S-KAH 12/50 A4

SORMAT CODE 9640005153



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

- Torque-controlled expansion anchors for pre-, pushthrough and distance installations.
- When torgue 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 | Stainless steel, A4 | | |
| Packages | box (bag): 20 / outer | | |
| | carton: 100 / pallet: 5600 | | |
| Weight | 127.6 kg / 1000 | | |
| | | | |

APPLICATIONS

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

APPROVALS / CERTIFICATES



ETA-08/0173 + DoPs



0809-CPR-1078



Seismic resistance (ETA-08/0173)

- May 7, '21 15:31 14:31:34

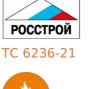
BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

Natural stone



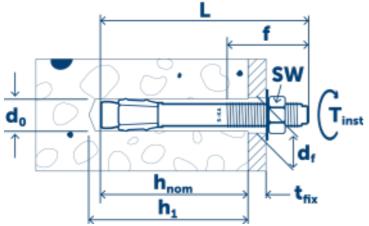


Technical data

INSTALLATION DETAILS

Size Length (L)

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



INSTALLATION DETAILS

| M12 | Hole in fixture (D _f) | 14 |
|-----|--|----|
| 148 | Drill hole diameter (d ₀) $ø$ | 12 |
| 98 | Minimum drill hole depth | 90 |
| 19 | Drill hole depth (h1) | 90 |
| 50 | Nominal setting depth (H _{nom}) | 81 |
| | Effective setting depth (H _{ef}) | 70 |
| | Installation torque (T _{inst}) | 70 |
| | | |

Performance data

| Base material All | Load type | | Load direction | Load value |
|-----------------------------|------------------|-------|----------------|------------|
| Non-cracked concrete C20/25 | N _{Rec} | 81 mm | ···· | 7.9 kN |
| Non-cracked concrete C20/25 | V _{Rec} | 81 mm | <u> </u> | 14.3 kN |
| Cracked concrete C20/25 | N _{Rec} | 81 mm | | 4.8 kN |
| Cracked concrete C20/25 | V _{Rec} | 81 mm | = | 14.3 kN |

Installation

