

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

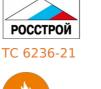
BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

Natural stone



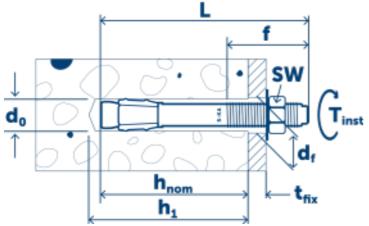


Technical data

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

