

Through bolt S-KA 12/30 ZP

SORMAT CODE 9640001153



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 guicker.
- ZP for dry indoor and temporary outdoor use.

PRODUCT OVERVIEW

Other codes SNRO 1356312 / LVI

3253084

MaterialSteel, zinc platedPackagesbox (bag): 20 / outer

carton: 100 / pallet: 5600

113.1 kg / 1000

APPLICATIONS

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

BASE MATERIALS

APPROVED FOR

Weight

- · Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

Natural stone

APPROVALS / CERTIFICATES



ETA-08/0173 + DoPs



0809-CPR-1078



TC 6236-21



Fire resistance (ETA-08/0173)

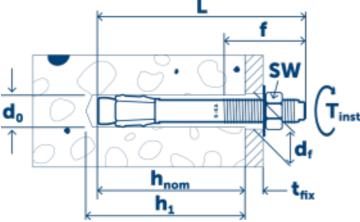


Seismic resistance (ETA-08/0173)

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
128	Drill hole diameter (d ₀) ø	12
78	Minimum drill hole depth	90
19	Drill hole depth (h ₁)	90
30	Nominal setting depth (H _{nom})	81
	Effective setting depth (H _{ef})	70
	Installation torque (Tinst)	50

Performance data

Base material All	Load type	Embedment depth (h _{nom})	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		13.1 kN
Cracked concrete C20/25	N _{Rec}	81 mm	/////////////////////////////////////	4.8 kN
Cracked concrete C20/25	V_{Rec}	81 mm		13.1 kN

Installation



