

Through bolt S-KA 12X85 ZP

SORMAT CODE 9640000148



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

- Torque-controlled expansion anchors for pre-, push-through 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.
- ZP for dry indoor and temporary outdoor use.

APPLICATIONS

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

APPROVALS / CERTIFICATES



TC 6236-21

Technical data

INSTALLATION DETAILS

Size	M12
Length (L)	85
Thread (f)	45

PRODUCT OVERVIEW

Other codes	/
Material	Steel, zinc plated
Packages	box (bag): 20 / outer carton: 100 / pallet: 5600
Weight	82.0 kg / 1000

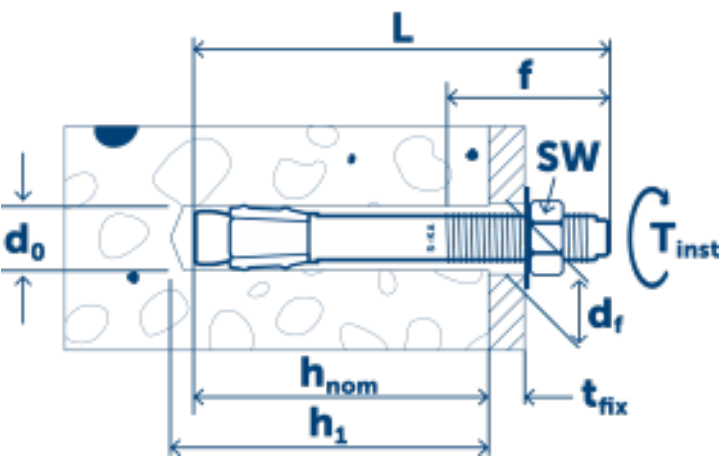
BASE MATERIALS

- ALSO SUITABLE FOR
- Natural stone
 - Non-cracked concrete

INSTALLATION DETAILS



Hole in fixture (D _f)	14
Drill hole diameter (d ₀) ∅	12
Minimum drill hole depth	75

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



19	Drill hole depth (h_1)	75
3	Nominal setting depth (H_{nom})	65
	Effective setting depth (H_{ef})	55
	Installation torque (T_{inst})	50

Performance data

Base material	Load type	Embedment depth (h_{nom})	Load direction	Load value
Non-cracked concrete C20/25	N_{Rec}	65 mm		6.5 kN
Non-cracked concrete C20/25	V_{Rec}	65 mm		9.6 kN

Installation

