

Through bolt S-KA 12/65 ZP (2 DIY)

SORMAT CODE 9640094034



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



ETA-08/0173 + DoPs



0809-CPR-1078

Technical data

INSTALLATION DETAILS

PRODUCT OVERVIEW

Properties	with carton hanger
Other codes	/
Material	Steel, zinc plated
Packages	box (bag): 2 / outer carton: 10 / piece: 1
Weight	138.0 kg / 1000

BASE MATERIALS

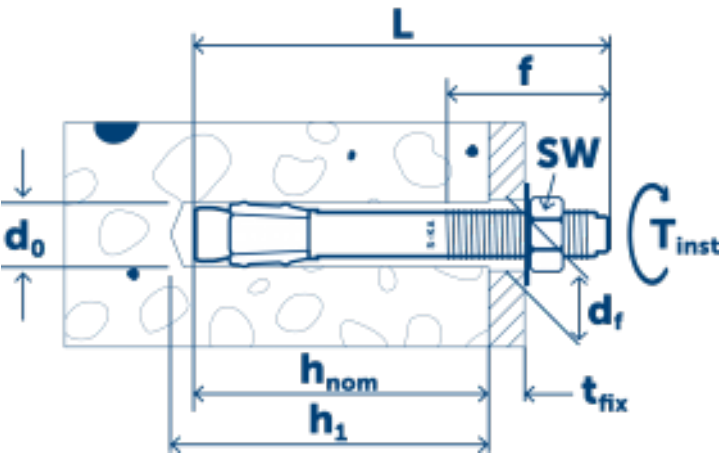
- APPROVED FOR
- Cracked concrete
 - Non-cracked concrete
- ALSO SUITABLE FOR
- Natural stone



TC 4635-15

INSTALLATION DETAILS

Size	M12	Hole in fixture (D_f)	14
Length (L)	163	Drill hole diameter (d_0) \varnothing	12
Thread (f)	113	Minimum drill hole depth	90
Width across flats (SW)	19	Drill hole depth (h_1)	90
Max. fixture thickness (T_{fix})	65	Nominal setting depth (H_{nom})	81
		Effective setting depth (H_{ef})	70
		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}	81 mm		7.9 kN
Non-cracked concrete C20/25	V_{Rec}	81 mm		11.0 kN

Installation

