

Liebig Safety bolt S M16-25/100/5 ZP

SORMAT CODE 9655100105



Legendary twin-cone heavy duty anchor for hi-power performance

- Torque-controlled twin-cone heavy duty anchor for push-through installations.
- Suitable for heavy loads due to optimal friction resistance.
- Cylindrical, wide expansion of sleeve over entire length.
- Equipped with domed washers providing a visual installation control.
- ZP for dry indoor and temporary outdoor use.

APPLICATIONS

- Steel structures
- Machines
- Guardrails
- Car lifting systems
- Railings
- Base plates
- Warehouse racks

APPROVALS / CERTIFICATES



ETA-06/0108 + DoPs



Fire resistance (ETA-06/0108)

Technical data

INSTALLATION DETAILS

PRODUCT OVERVIEW

Other codes	/
Material	Steel, zinc plated
Packages	box (bag): 5 / outer carton: 15 / pallet: 840
Weight	434.0 kg / 1000

BASE MATERIALS

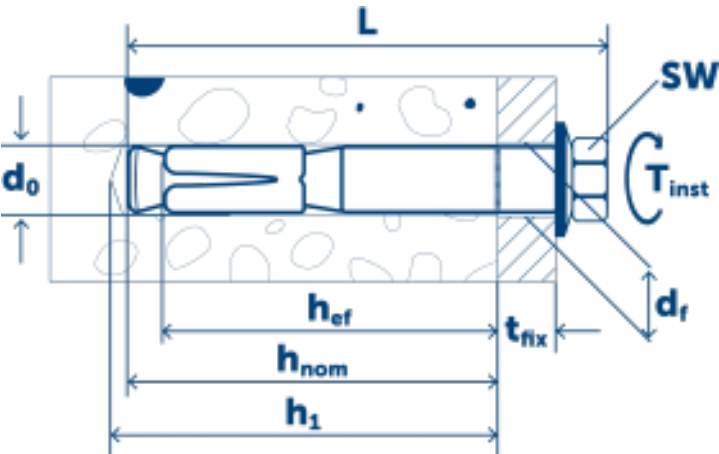
- APPROVED FOR
- Cracked concrete
 - Non-cracked concrete
- ALSO SUITABLE FOR
- Natural stone



0809-CPR-19006293

INSTALLATION DETAILS

Size	M16	Hole in fixture (D_f)	26
Length (L)	145	Drill hole diameter (d_0) \varnothing	25
Width across flats (SW)	24	Minimum drill hole depth	125
Max. fixture thickness (T_{fix})	5	Drill hole depth (h_1)	125
		Nominal setting depth (H_{nom})	114
		Effective setting depth (H_{ef})	100
		Installation torque (T_{inst})	170



Performance data

Base material	Load type	Embedment depth (h_{nom})	Load direction	Load value
All				
Non-cracked concrete C20/25	N_{Rec}	114 mm		24.0 kN
Non-cracked concrete C20/25	V_{Rec}	114 mm		48.0 kN
Cracked concrete C20/25	N_{Rec}	114 mm		17.1 kN
Cracked concrete C20/25	V_{Rec}	114 mm		34.3 kN

Installation

