

Liebig Safety bolt SK M8-12/55/40 ZP

SORMAT CODE 9652055440



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.
- 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

Size	M8
Length (L)	110

PRODUCT OVERVIEW

Other codes	/
Material	Steel, zinc plated
Packages	box (bag): 25 / outer carton: 125 / pallet: 7000
Weight	90.0 kg / 1000

BASE MATERIALS

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

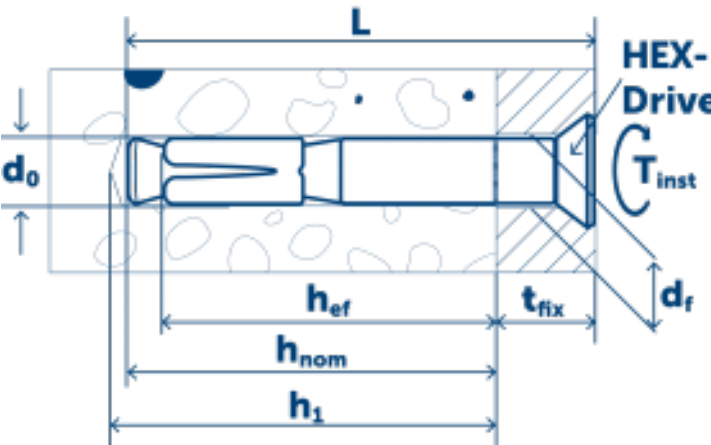


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INSTALLATION DETAILS

Hole in fixture (D _f)	14
Drill hole diameter (d ₀) Ø	12

Drive	HEX5	Minimum drill hole depth	70
Max. fixture thickness (T_{fix})	40	Drill hole depth (h_1)	70
		Nominal setting depth (H_{nom})	63
		Effective setting depth (H_{ef})	55
		Installation torque (T_{inst})	20



HEAD DETAILS

Head diameter \varnothing	24
Head height	6,5
Diameter, other	12

Performance data

Base material	Load type	Load direction	Load value
All			
Non-cracked concrete C20/25	N _{Rec}		4.8 kN
Non-cracked concrete C20/25	V _{Rec}		9.8 kN
Cracked concrete C20/25	N _{Rec}		3.6 kN
Cracked concrete C20/25	V _{Rec}		7.0 kN

Installation

