

Liebig Safety bolt SK M16-25/100/40 ZP

SORMAT CODE 9655100440



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 M16
Length (L) 160

PRODUCT OVERVIEW

Other codes /
Material Steel, zinc plated
Packages box (bag): 5 / outer carton: 15 / pallet: 840
Weight 567.0 kg / 1000

BASE MATERIALS

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

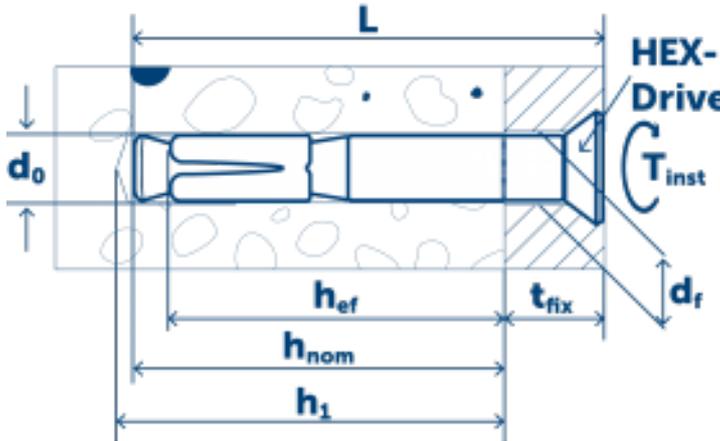


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INSTALLATION DETAILS

Hole in fixture (D_f) 26
Drill hole diameter (d₀) Ø 25

Drive	HEX10	Minimum drill hole depth	125
Max. fixture thickness (T_{fix})	40	Drill hole depth (h_1)	125
		Nominal setting depth (H_{nom})	114
		Effective setting depth (H_{ef})	100
		Installation torque (T_{inst})	190



HEAD DETAILS

Head diameter \varnothing	50
Head height	14
Diameter, other	24

Performance data

Base material <input type="text" value="All"/>	Load type	Load direction	Load value
Non-cracked concrete C20/25	N_{Rec}		24.0 kN
Non-cracked concrete C20/25	V_{Rec}		48.0 kN
Cracked concrete C20/25	N_{Rec}		17.1 kN
Cracked concrete C20/25	V_{Rec}		34.3 kN

Installation

