

Liebig Safety bolt SK M10-15/70/40 ZP

SORMAT CODE 9655070440



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.

PRODUCT OVERVIEW

Other codes	/
Material	Steel, zinc plated
Packages	box (bag): 25 / outer carton: 75 / pallet: 4200
Weight	160.0 kg / 1000

APPLICATIONS

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

BASE MATERIALS

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

APPROVALS / CERTIFICATES



ETA-06/0108 + DoPs



Fire resistance (ETA-06/0108)



0809-CPR-19006293

Technical data

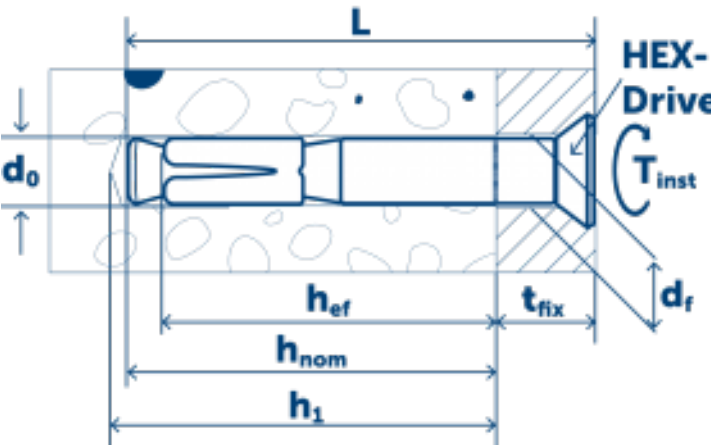
INSTALLATION DETAILS

Size	M10
Length (L)	120

INSTALLATION DETAILS

Hole in fixture (D _f)	17
Drill hole diameter (d ₀) Ø	15

Drive	HEX6	Minimum drill hole depth	85
Max. fixture thickness (T_{fix})	40	Drill hole depth (h_1)	85
		Nominal setting depth (H_{nom})	76
		Effective setting depth (H_{ef})	70
		Installation torque (T_{inst})	60



HEAD DETAILS

Head diameter \varnothing	27
Head height	7
Diameter, other	15

Performance data

Base material	Load type	Load direction	Load value
All			
Non-cracked concrete C20/25	N _{Rec}		9.5 kN
Non-cracked concrete C20/25	V _{Rec}		22.3 kN
Cracked concrete C20/25	N _{Rec}		7.6 kN
Cracked concrete C20/25	V _{Rec}		20.1 kN

Installation

