

LIEBIG® safety bolt B

**Cross references**

Cordless hammer drill ABH
 Hammer drill SDS-plus®
 Socket wrench
 Torque wrench
 Installation tool through bolt
 Cleaning brush
 Blow-out pump

Application range

- > Steel structures
- > Machinery
- > Guard rails
- > Automatic hub systems
- > Railings
- > Base plates
- > Storage racks

Properties

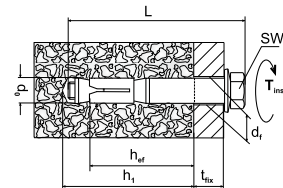
- > Safety bolt with threaded bolt and nut
- > Zinc-plated steel
- > Torque-controlled heavy-duty anchor with double cone for push-through installation
- > Suitable for heavy loads due to optimum frictional resistance. Cylindrical, wide expansion zone of the sleeve along the whole length
- > With dome-shaped washers for visual assembly inspection
- > For dry indoor and temporary outdoor use
- > Removable

Note

The load values in these tables are based on concrete C20/25, $f_{ck,cube} = 25 \text{ N/mm}^2$; correct installation; no influence of centre and edge distances; observe the minimum thickness of the base material

Technical specifications**Certifications****Base materials**

- Approved for
- > Cracked concrete
 - > Non-cracked concrete



Characteristic values						Admissible loads non-cracked concrete C20/25		Admissible loads cracked concrete C20/25	
	Typ	d_i [mm]	SW [mm]	d_0 [mm]	h_{ef} [mm]	T_{inst} [Nm]	N_{Rec} [kN]	V_{Rec} [kN]	N_{Rec} [kN]
M8-12/55/5	14	13	12	55	15	4.8	9.8	3.6	7.0
M8-12/55/15	14	13	12	55	15	4.8	9.8	3.6	7.0
M8-12/55/40	14	13	12	55	15	4.8	9.8	3.6	7.0
M8-12/55/65	14	13	12	55	15	4.8	9.8	3.6	7.0
M8-12/55/100	14	13	12	55	15	4.8	9.8	3.6	7.0
M10-15/70/5	17	17	15	70	40	9.5	22.3	7.6	20.1
M10-15/70/15	17	17	15	70	40	9.5	22.3	7.6	20.1
M10-15/70/40	17	17	15	70	40	9.5	22.3	7.6	20.1
M10-15/70/65	17	17	15	70	40	9.5	22.3	7.6	20.1
M10-15/70/100	17	17	15	70	40	9.5	22.3	7.6	20.1
M12-20/80/5	21	19	20	80	70	17.1	34.3	12.3	24.5
M12-20/80/15	21	19	20	80	70	17.1	34.3	12.3	24.5
M12-20/80/40	21	19	20	80	70	17.1	34.3	12.3	24.5
M12-20/80/65	21	19	20	80	70	17.1	34.3	12.3	24.5
M12-20/80/100	21	19	20	80	70	17.1	34.3	12.3	24.5

Product online



Order description	Nominal size [mm]	L [mm]	d ₀ [mm]	h ₁ [mm]	t _{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG B M8-12/55/5	M8	85	12	70	5	25		9652055005	4061245001098
LIEBIG B M8-12/55/15	M8	95	12	70	15	25		9652055015	4061245001081
LIEBIG B M8-12/55/40	M8	120	12	70	40	25		9652055040	4061245001074
LIEBIG B M8-12/55/65	M8	145	12	70	65	25		9652055065	4061245001067
LIEBIG B M8-12/55/100	M8	180	12	70	100	25		9652055100	4061245001050
LIEBIG B M10-15/70/5	M10	100	15	85	5	25		9655070005	4061245000503
LIEBIG B M10-15/70/15	M10	110	15	85	15	25		9655070015	4061245000497
LIEBIG B M10-15/70/40	M10	135	15	85	40	10		9655070040	4061245000480
LIEBIG B M10-15/70/65	M10	160	15	85	65	10		9655070065	4061245000473
LIEBIG B M10-15/70/100	M10	195	15	85	100	10		9655070100	4061245000466
LIEBIG B M12-20/80/5	M12	120	20	100	5	10		9650080005	4061245001593
LIEBIG B M12-20/80/15	M12	130	20	100	15	10		9650280015	4061245001142
LIEBIG B M12-20/80/40	M12	155	20	100	40	10		9650080040	4061245001562
LIEBIG B M12-20/80/65	M12	180	20	100	65	10		9650080065	4061245001555
LIEBIG B M12-20/80/100	M12	215	20	100	100	10		9650080100	4061245001548

Further lengths
upon request

