

LIEBIG® safety bolt B



Cross references

- Cleaning brush
- Blow-out pump
- Tool belt
- Hammer drill SDS plus
- Cordless hammer drill
- Torque wrench
- Socket wrench Cordless

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

Technical specifications

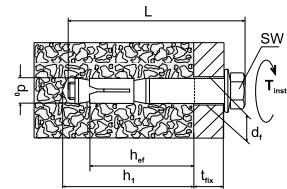


Certifications



Base materials

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



Typ	Characteristic values						Admissible loads non-cracked concrete C20/25		Admissible loads cracked concrete C20/25	
	d_i [mm]	SW [mm]	d_0 [mm]	h_{ef} [mm]	h_1 [mm]	T_{inst} [Nm]	N_{Rec} [kN]	V_{Rec} [kN]	N_{Rec} [kN]	V_{Rec} [kN]
M6-10/45/5	12	10	10	45	60	8	3.0	7.2	2.4	5.2
M6-10/45/15	12	10	10	45	60	8	3.0	7.2	2.4	5.2
M6-10/45/40	12	10	10	45	60	8	3.0	7.2	2.4	5.2
M8-12/55/5	14	13	12	55	70	15	4.8	9.8	3.6	7.0
M8-12/55/15	14	13	12	55	70	15	4.8	9.8	3.6	7.0
M8-12/55/40	14	13	12	55	70	15	4.8	9.8	3.6	7.0
M8-12/55/65	14	13	12	55	70	15	4.8	9.8	3.6	7.0
M8-12/55/100	14	13	12	55	70	15	4.8	9.8	3.6	7.0
M10-15/70/5	17	17	15	70	85	40	9.5	22.3	7.6	20.1
M10-15/70/15	17	17	15	70	85	40	9.5	22.3	7.6	20.1
M10-15/70/40	17	17	15	70	85	40	9.5	22.3	7.6	20.1
M10-15/70/65	17	17	15	70	85	40	9.5	22.3	7.6	20.1
M10-15/70/100	17	17	15	70	85	40	9.5	22.3	7.6	20.1
M12-20/80/5	21	19	20	80	100	70	17.1	34.3	12.3	24.5
M12-20/80/15	21	19	20	80	100	70	17.1	34.3	12.3	24.5
M12-20/80/40	21	19	20	80	100	70	17.1	34.3	12.3	24.5
M12-20/80/65	21	19	20	80	100	70	17.1	34.3	12.3	24.5
M12-20/80/100	21	19	20	80	100	70	17.1	34.3	12.3	24.5





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	d _i [mm]	SW [mm]	d ₀ [mm]	h _{ef} [mm]	h ₁ [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
M16-25/100/5	26	24	25	100	125	115	24.0	48.0	17.1	34.3
M16-25/100/15	26	24	25	100	125	115	24.0	48.0	17.1	34.3
M16-25/100/40	26	24	25	100	125	115	24.0	48.0	17.1	34.3
M16-25/100/65	26	24	25	100	125	115	24.0	48.0	17.1	34.3
M16-25/100/100	26	24	25	100	125	115	24.0	48.0	17.1	34.3

Product online



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

Further lengths available upon request

