

LIEBIG® safety bolt S



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Application range

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

Properties

- > Safety bolt with hexagon screw
- > 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

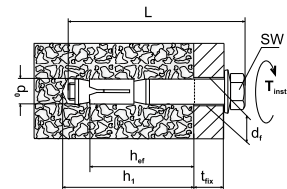


Certifications



Base materials

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



Characteristic values							Admissible loads non-cracked concrete C20/25		Admissible loads cracked concrete C20/25		
	Typ	d _t [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	20	4.8	9.8	3.6	7.0
M8-12/55/15		14	13	12	55	70	20	4.8	9.8	3.6	7.0
M8-12/55/40		14	13	12	55	70	20	4.8	9.8	3.6	7.0
M10-15/70/5		17	17	15	70	85	60	9.5	22.3	7.6	20.1
M10-15/70/15		17	17	15	70	85	60	9.5	22.3	7.6	20.1
M10-15/70/40		17	17	15	70	85	60	9.5	22.3	7.6	20.1
M12-20/80/5		21	19	20	80	100	90	17.1	34.3	12.3	24.5
M12-20/80/15		21	19	20	80	100	90	17.1	34.3	12.3	24.5
M12-20/80/40		21	19	20	80	100	90	17.1	34.3	12.3	24.5
M16-25/100/5		26	24	25	100	125	170	24.0	48.0	17.1	34.3
M16-25/100/15		26	24	25	100	125	170	24.0	48.0	17.1	34.3
M16-25/100/40		26	24	25	100	125	170	24.0	48.0	17.1	34.3





Product online



Order description	Thread size	L [mm]	d ₀ [mm]	t _{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG S M8-12/55/5	M8	80	12	5	25		9652055105	4061245001043
LIEBIG S M8-12/55/15	M8	90	12	15	25		9652055115	4061245001036
LIEBIG S M8-12/55/40	M8	115	12	40	25		9652055140	4061245001029
LIEBIG S M10-15/70/5	M10	95	15	5	25		9655070105	4061245000459
LIEBIG S M10-15/70/15	M10	105	15	15	25		9655070115	4061245000442
LIEBIG S M10-15/70/40	M10	130	15	40	10		9655070140	4061245000435
LIEBIG S M12-20/80/5	M12	113	20	5	10		9650080105	4061245001531
LIEBIG S M12-20/80/15	M12	123	20	15	10		9650080115	4061245001524
LIEBIG S M12-20/80/40	M12	148	20	40	10		9650080140	4061245001517

Further lengths
available upon request

