

LIEBIG® self-undercutting anchor SUPERPLUS BLS

**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

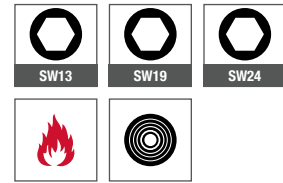
- > Power plants
- > Guard rails
- > Machinery
- > Base plates
- > For dynamic and seismic loads
- > Small spacings and edge distances

Properties

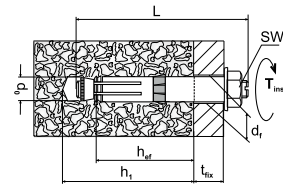
- > Self-undercutting anchor with threaded bolt, nut and washer
- > Zinc-plated steel
- > Automatic self-undercutting, unique heavy-duty anchor for push through installation
- > Simplest, quickest and safest solution on the market
- > Cost-effective: No special drills, undercutting or setting tools required
- > Minimal expansion forces allow for small centre and edge distances
- > For dry indoor use
- > Removable

Notice

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_t [mm]	SW [mm]	d_0 [mm]	h_{ef} [mm]	T_{inst} [Nm]	Admissible loads non-cracked concrete C20/25		Admissible loads cracked concrete C20/25	
						N_{Rec} [kN]	V_{Rec} [kN]	N_{Rec} [kN]	V_{Rec} [kN]
M8-14/80/25	16	13	14	80	25	13.9	23.7	7.6	23.7
M12-20/80/15	21	19	20	80	80	17.2	34.4	11.9	24.6
M12-20/80/30	21	19	20	80	80	17.2	34.4	11.9	24.6
M16-25/150/30	26	24	25	150	180	44.1	67.4	23.8	63.0
M16-25/200/40	26	24	25	200	180	59.8	67.4	35.7	67.4
M16-25/200/60	26	24	25	200	180	59.8	67.4	35.7	67.4

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 SUPERPLUS BLS M8-14/80/25	M8	130	14	100	25	25		9654080025	4061245000756
LIEBIG SUPERPLUS BLS M12-20/80/15	M12	130	20	105	15	10		9650080015	4061245001586
LIEBIG SUPERPLUS BLS M12-20/80/30	M12	145	20	105	30	10		9650080030	4061245001579
LIEBIG SUPERPLUS BLS M16-25/150/30	M16	220	25	185	30	5		9655150030	4061245000091
LIEBIG SUPERPLUS BLS M16-25/200/40	M16	280	25	235	40	5		9655200040	4061245000039
LIEBIG SUPERPLUS BLS M16-25/200/60	M16	300	25	235	60	5		9655200060	4061245000022

Further lengths upon
request

