

LIEBIG® self-undercutting anchor SUPERPLUS BLS-P



Application range

- > Lifts
- > Power plants (e.g. nuclear power)
- > Safety barriers and guide rails
- > Heavy-duty pipeline systems
- > Facade attachments on slim components
- > Tunnel ventilation equipment
- > Cranes and crane runways
- > Machinery
- > Base plates

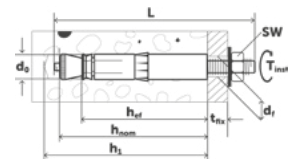
Base materials

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

Technical data



Certifications



Cross references

Cleaning brush
 Blow-out pump
 Tool belt
 Hammer drill SDS-plus
 Installation tool for through bolts
 Cordless hammer drill
 Torque wrench
 Socket wrench

Properties

- > Self-undercutting anchor with threaded bolt, nut and washer
- > Galvanized zinc-plated steel
- > Unique, fully 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

Characteristic values	Permitted loads non-cracked concrete C20/25							Permitted loads cracked concrete C20/25		
	Type	d ₁ [mm]	AF [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
M12-20/80/15		14	19	20	80	80	17.2	19.3	11.9	19.3
M12-20/150/30		14	19	20	150	80	32.1	19.3	19.0	19.3
M16-25/150/40		18	24	25	150	180	44.1	35.9	23.8	35.9

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-P M12-20/80/15	M12	135	20	105	15	10		9 650 180 015	4061245001173
LIEBIG SUPERPLUS BLS-P M12-20/150/30	M12	220	20	175	30	10		9 651 150 030	4061245001104
LIEBIG SUPERPLUS BLS-P M16-25/150/40	M16	240	25	185	40	5		9 655 150 040	4061245000008