

## METAL ANCHORS METALLANKER ANCRAGES MÉTALLIQUES METAALANKERS

LIEBIG® SUPERPLUS / TYPE BLS, TYPE BLS A4  
LIEBIG® SUPERPLUS / TYP BLS, TYP BLS A4



TYPE BLS

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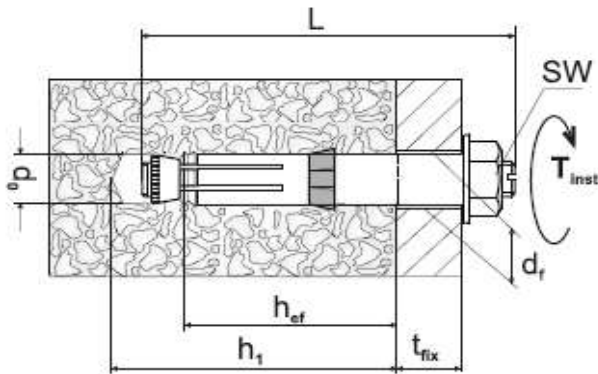
Self-undercutting anchor with stud, nut and washer, zinc plated  
Selbsthinterschneidanker mit Gewindebolzen, Mutter und Scheibe, galvanisch verzinkt  
Cheville auto-verrouillante avec tige, écrou et rondelle, électro galvanisée  
Auto-Achtersnijdende anker, electrolytisch verzinkt

## RANGE AND PACKAGES

TYPE BLS ZN		
CODE		PACKAGES
ZN		BOX
BLS0814040015	BLS M8-14/40/15	25
BLS0814080025	BLS M8-14/80/25	25
BLS1220080015	BLS M12-20/80/15	10
BLS1220080030	BLS M12-20/80/30	10
BLS1220150030	BLS M12-20/150/30	10
BLS1220150050	BLS M12-20/150/50	10
BLS1625150030	BLS M16-25/150/30	5
BLS1625150040	BLS M16-25/150/40	5
BLS1625150060	BLS M16-25/150/60	5
BLS1625200040	BLS M16-25/200/40	10
BLS1625200060	BLS M16-25/200/60	10

## INSTALLATION PARAMETERS AND CAPACITIES

TYPE BLS	FIXING DETAILS										PERMISSIBLE LOADS <sup>1)2)</sup> ZULASSIGE LASTEN <sup>1)2)</sup> CHARGES ADMISSIBLES <sup>1)2)</sup> TOELAATBARE BELASTING <sup>1)2)</sup>	
	ANCHOR AND FIXTURE DETAILS					INSTALLATION DATA					Option 1 • Optie 1	
	size	L	d <sub>f</sub>	SW	t <sub>fix</sub>	d <sub>0</sub>	h <sub>1</sub>	h <sub>ef</sub>	T <sub>inst</sub>	TENSION N <sub>sk</sub>	SHEAR <sup>3)</sup> V <sub>sk</sub>	
M - d <sub>0</sub> / h <sub>1</sub> / t <sub>fix</sub>	mm	mm	mm	mm	mm	mm	mm	mm	Nm	kN	kN	
M8-14/40/15	M8	80	16	17	15	14	60	40	25	6,1 (4,3*)	6,1 (4,3*)	
M8-14/80/25	M8	130	16	17	25	14	100	80	25	10,8 (7,6*)	23,7 (23,7*)	
M12-20/80/15	M12	130	21	22	15	20	105	80	80	17,2 (11,9*)	34,4 (24,6*)	
M12-20/80/30	M12	145	21	22	30	20	105	80	80	17,2 (11,9*)	34,4 (24,6*)	
M12-20/150/30	M12	215	21	22	30	20	175	150	80	28,4 (19,0*)	40,0 (40,0*)	
M12-20/150/50	M12	235	21	22	50	20	175	150	80	28,4 (19,0*)	40,0 (40,0*)	
M16-25/150/30	M16	220	26	27	30	25	185	150	180	44,1 (23,8*)	67,4 (63,0*)	
M16-25/150/40	M16	230	26	27	40	25	185	150	180	44,1 (23,8*)	67,4 (63,0*)	
M16-25/150/60	M16	250	26	27	60	25	185	150	180	44,1 (23,8*)	67,4 (63,0*)	
M16-25/200/40	M16	280	26	27	40	25	235	200	180	53,0 (35,7*)	67,4 (67,4*)	
M16-25/200/60	M16	300	26	27	60	25	235	200	180	53,0 (35,7*)	67,4 (67,4*)	



\* Values in brackets for cracked C20/25.  
 \* Werte in Klammern für gerissenen Beton C20/25.  
 \* Valeurs entre parenthèses pour béton fissuré C20/25.  
 \* Waarden in () zijn geldig voor gescheurd beton C20/25.