

Application advice

Installation into concrete



Operating principle EJOT® metal anchor



Application examples

Note:
Except from our complete product range. Subject to changes.

1

Step iron fixings as per DIN 1211-3 / DIN 1212-3

LIEBIG® SUPERPLUS Step iron anchor

2

Anchoring large machines

LIEBIG® SUPERPLUS BLS

3

Retrofitted grounding systems

LIEBIG® SUPERPLUS Lightning protection anchor

4

Anchoring air ducts

Drop-in anchor LA+

5

Anchoring small machines

Through Bolt BA-V Plus

6

Anchoring sprinkler systems

Concrete screw JC2-IT

7

Anchoring railings

Concrete screw JC2-KB

8

Anchoring consoles/cutting

Concrete screw JC2-ST

9

Anchoring steel beams

LIEBIG® Safety anchor S

10

Anchoring medium-sized machines

LIEBIG® Safety anchor B

11

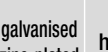
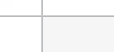
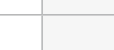
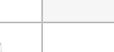
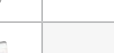
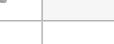
Anchoring ramming bars

Through Bolt BA-V Plus

12

Anchoring high rack warehouses

LIEBIG® SUPERPLUS BLS

Type of anchor	Product		Mode of action			ETA	Substrate			Material				Suitability			Type of load		Load range	
			Form-fit	Friction lock	Adhesive bond		Cracked concrete ETAG-001-1 (individual attachment)	Cracked concrete ETAG-001-6 (multiple attachment)	Non-cracked concrete	Steel		Stainless steel		Seismic	Fire protection	Civil protection	static	extra-ordinary	permitted tensile load [kN]	permitted radial load [kN]
										galvanised zinc-plated	hot dip	A4	HCR							
																				
Expansion anchor		Through bolt BA-V Plus	•		ETA-18/0219	•		•	•				C1/C2	•	•	•		4.0 - 17.1	7.2 - 30.9	
		Through bolt BA-F Plus	•		ETA-18/0219	•		•		•				•	•	•		4.0 - 17.1	7.2 - 30.9	
		Through bolt BA-E Plus	•		ETA-18/0219	•		•			•		C1/C2	•	•	•		4.0 - 17.1	9.0 - 39.2	
		Drop-in anchor LA+	•		ETA-13/0441 ETA-13/0442		•	•	•					•		•		1.8 - 4.8	1.8 - 4.5	
		Drop-in anchor LAL+	•		ETA-13/0441 ETA-13/0442		•	•	•					•		•		1.8 - 4.8	1.8 - 4.5	
		LIEBIG® safety bolt B	•		ETA-06/0108	•		•	•					•	•	•		2.4 - 24.0	8.6 - 54.9	
		LIEBIG® safety bolt S	•		ETA-06/0108	•		•	•					•	•	•		2.4 - 24.0	8.6 - 54.9	
		LIEBIG® safety bolt SK	•		ETA-06/0108	•		•	•					•	•	•		2.4 - 24.0	8.6 - 54.9	
Undercut anchor		LIEBIG® self-undercutting anchor SUPERPLUS BLS	•		ETA-01/0011	•		•	•				C1/C2	•	•	•	•	4.3 - 83.7	23.7 - 67.4	
		LIEBIG® self-undercutting anchor SUPERPLUS BLS A4	•		ETA-01/0011	•		•		•			C1/C2	•	•	•	•	4.3 - 83.7	23.7 - 67.4	
		LIEBIG® self-undercutting anchor SUPERPLUS SLS A4	•		ETA-01/0011	•		•		•			C1/C2	•	•	•	•	4.3 - 83.7	23.7 - 67.4	
		LIEBIG® self-undercutting anchor SUPERPLUS SKLS A4	•		ETA-01/0011	•		•		•			C1/C2	•	•	•	•	4.3 - 83.7	23.7 - 67.4	
		LIEBIG® self-undercutting anchor SUPERPLUS BLS-P	•		ETA-01/0011	•		•	•	•			C1/C2	•	•	•	•	4.3 - 83.7	23.7 - 67.4	
		LIEBIG® self-undercutting anchor SUPERPLUS ILS	•				(no ETA)		(no ETA)	•						•		4.3 - 83.7 (no ETA)	23.7 - 67.4 (no ETA)	
		LIEBIG® lightning protection anchor SUPERPLUS BLS M8-14 A4	•								•									
		LIEBIG® step iron anchor SUPERPLUS A4	•		ETA-01/0011	•		•			•				•	•	•	4.3 - 83.7	23.7 - 67.4	
		Concrete screw JC2-KB	•		ETA-17/0835 ETA-18/0221	•	•	•	•	•				•		•		1.2 - 7.5	5.6 - 16.6	
		Concrete screw JC2-ST	•		ETA-17/0835 ETA-18/0221	•	•	•	•	•				•		•		1.2 - 7.5	5.6 - 16.6	
	Concrete screw JC2-IT	•		ETA-17/0835 ETA-18/0221	•	•	•	•	•				•		•		1.2 - 7.5	5.6 - 16.6		
	Concrete screw JC2-FR	•		ETA-17/0835 ETA-18/0221	•	•	•	•	•				•		•		1.2 - 7.5	5.6 - 16.6		