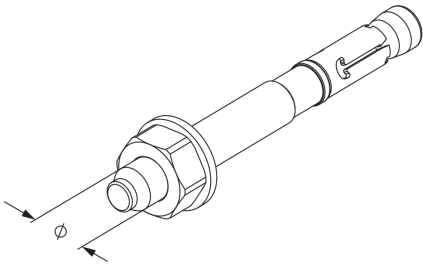


SD

Expansion anchor



The expansion anchor SD is used to fasten supporting structures such as bracket holders or wall brackets to walls and/or ceilings. It is permitted to be used as a single attachment in cracked and non-cracked standard concrete with strength \geq C20/25. The manufacturer's specifications must be observed (ETA-19/0520). The pre-assembled washer makes the expansion anchor suitable for fastening steel attachments with slots. We provide components in various materials and surface finishes to ensure that various corrosion protection requirements for different areas of application are met.

steel, galvanic zinc plated

Products	\varnothing	L_{\min} W	P_{Zug} R30	P_{Zug} R90	P_{lat} R30	P_{lat} R90	weight
SD 8/10	8 mm	47,5 mm	0,9 kN	0,5 kN	1,8 kN	1,3 kN	0,034 kg
SD 8/30	8 mm	47,5 mm	0,9 kN	0,5 kN	1,8 kN	1,3 kN	0,044 kg
SD 10/10	10 mm	54,5 mm	2,2 kN	1,9 kN	3,6 kN	2,2 kN	0,067 kg
SD 10/30	10 mm	54,5 mm	2,2 kN	1,9 kN	3,6 kN	2,2 kN	0,071 kg
SD 12/10	12 mm	68,5 mm	3,0 kN	3,0 kN	6,3 kN	3,5 kN	0,108 kg
SD 16/25	16 mm	87,5 mm	4,5 kN	4,5 kN	11,7 kN	6,6 kN	0,232 kg

Stainless steel, according to ASTM 316 Ti / AISI 316 L, BS 320S17 / BS 316S11

Products	\varnothing	L_{\min} W	P_{Zug} R30	P_{Zug} R90	P_{lat} R30	P_{lat} R90	weight
SD 8/10E4	8 mm	47,5 mm	0,6 kN	0,5 kN	3,6 kN	1,9 kN	0,034 kg
SD 10/10E4	10 mm	54,5 mm	2,2 kN	2,2 kN	7,8 kN	3,8 kN	0,065 kg
SD 10/30E4	10 mm	54,5 mm	2,2 kN	2,2 kN	7,8 kN	3,8 kN	0,071 kg
SD 12/10E4	12 mm	68,5 mm	3,0 kN	3,0 kN	11,5 kN	5,7 kN	0,108 kg

\varnothing : thread diameter

L_{\min} W: min. borehole depth warm

P_{Zug} R30: max. permissible tensile Force R30

P_{Zug} R90: max. permissible tensile force R90

P_{lat} R30: max. permissible shear force



PRODUCT INFORMATION

P_{lat} R90: max. permissible shear force R90

DETAIL AND APPLICATION IMAGES

