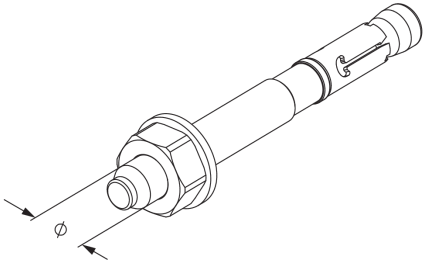


## SD

### Expansion anchor



The approved 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. 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	$\varnothing$	$L_{min}$	$P_{Zug}$	$P_{lat}$	weight
SD 8/10	8 mm	58 mm	3,8 kN	9,3 kN	0,034 kg
SD 8/30	8 mm	58 mm	3,8 kN	9,3 kN	0,044 kg
SD 10/10	10 mm	75 mm	6,2 kN	15,0 kN	0,067 kg
SD 10/30	10 mm	75 mm	6,2 kN	15,0 kN	0,071 kg
SD 12/10	12 mm	88 mm	9,5 kN	21,1 kN	0,108 kg
SD 16/25	16 mm	124 mm	12,9 kN	39,1 kN	0,232 kg

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

Products	$\varnothing$	$L_{min}$	$P_{Zug}$	$P_{lat}$	weight
SD 8/10E4	8 mm	58 mm	3,8 kN	10,1 kN	0,034 kg
SD 10/10E4	10 mm	75 mm	6,2 kN	15,1 kN	0,065 kg
SD 10/30E4	10 mm	75 mm	6,2 kN	15,1 kN	0,071 kg
SD 12/10E4	12 mm	91 mm	9,5 kN	24,1 kN	0,108 kg

$\varnothing$ : thread diameter

$L_{min}$ : min. borehole depth

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

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



# PRODUCT INFORMATION

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## DETAIL AND APPLICATION IMAGES

