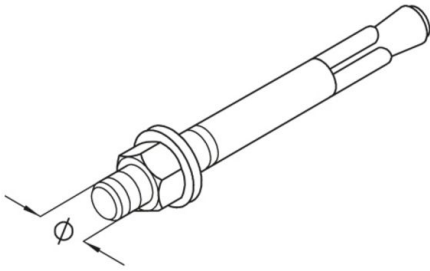


SD expansion anchor



Permissible as single fastening. Permissible load in cracked and non-cracked normal concrete of strength f_{ctd} C20/25. Manufacturer's information has to be observed strictly (ETA-05/0069).

galvanized, according to DIN EN ISO 19598 / DIN EN ISO 2081

Product	L _{min}	D	Ø	t	Pzul	PzulR30	PzulR90	G
SDK 10/10	55 mm	10 mm	10 mm	0-10 mm	4,3 kN	1,8 kN	1,8 kN	5,88 kg/100
SD 8/10	55 mm	8 mm	8 mm	0-10 mm	3,6 kN	1,4 kN	0,9 kN	3,5 kg/100
SD 8/30	55 mm	8 mm	8 mm	0-30 mm	3,6 kN	1,4 kN	0,9 kN	4,4 kg/100
SD 10/10	75 mm	10 mm	10 mm	0-10 mm	5,7 kN	2,8 kN	1,9 kN	6,2 kg/100
SD 10/30	75 mm	10 mm	10 mm	0-30 mm	5,7 kN	2,8 kN	1,9 kN	7,8 kg/100
SD 12/10	90 mm	12 mm	12 mm	0-10 mm	9,5 kN	5,0 kN	3,2 kN	11 kg/100
SD 16/25	110 mm	16 mm	16 mm	0-25 mm	13,4 kN	9,4 kN	6,0 kN	26,3 kg/100

Stainless steel, according to ASTM 31 Ti / AISI 316 L, BS 320S17 / BS 316S11

Product	L _{min}	D	Ø	t	Pzul	PzulR30	PzulR90	G
SD 8/10E4	55 mm	8 mm	8 mm	0-10 mm	3,6 kN	1,4 kN	0,9 kN	3,6 kg/100
SD 10/10E4	75 mm	10 mm	10 mm	0-10 mm	5,7 kN	2,8 kN	1,9 kN	6,2 kg/100
SD 10/30E4	75 mm	10 mm	10 mm	0-30 mm	5,7 kN	2,8 kN	1,9 kN	7,1 kg/100
SD 12/10E4	90 mm	12 mm	12 mm	0-10 mm	9,5 kN	5,0 kN	3,2 kN	10,9 kg/100

Hot-dip galvanized, according to BS 729 (DIN EN ISO 1461)



Product	L_{min}	D	\emptyset	t	Pzul	PzulR30	PzulR90	G
SD 10/10-HDG	75 mm	10 mm	10 mm	0-10 mm	5,7 kN	2,8 kN	1,9 kN	6,2 kg/100
SD 12/10-HDG	90 mm	12 mm	12 mm	0-10 mm	9,5 kN	5,0 kN	3,2 kN	11 kg/100

Stainless steel, according to ASTM 31 Ti / AISI 316 L, BS 320S17 / BS 316S11

Product	L_{min}	D	\emptyset	t	Pzul	PzulR30	PzulR90	G
SD 8/10-316	55 mm	8 mm	8 mm	0-10 mm	3,6 kN	1,4 kN	0,9 kN	3,35 kg/100
SD 10/10-316	75 mm	10 mm	10 mm	0-10 mm	5,7 kN	2,8 kN	1,9 kN	6,50 kg/100
SD 12/10-316	90 mm	12 mm	12 mm	0-10 mm	9,5 kN	5,0 kN	3,2 kN	10,80 kg/100

L_{min} : Minimum drilling depth

D: diameter

\emptyset : diameter

t: material thickness

Pzul: permissible tractive force

PzulR30: permissible tensile load under the influence of fire (30min)

PzulR90: permissible tensile load under the influence of fire (90min)

G: weight

DETAILS / APPLICATIONS

