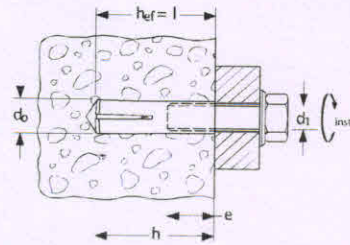


TECHNICAL DATA



EA-N



Item	Art-No.	Thread d1 M (mm)	Nominal drill-Ø d2 (mm)	Min. drill depth at prior insertion mode h0 (mm)	Min. anchorage depth h1 (mm)	Min. bolt penetration Ø1 (mm)	Max. bolt penetration Ø2 (mm)	Total length l (mm)	Installation torque Tinst (Nm)	Related setting tool (mm)	Qty. per box (pcs)
Zinc-plated steel											
EA M6 N	531582	6	8	25	25	6	12	25	4	504573 EA-ST 6	100
EA M8 N	531583	8	10	30	30	8	13	30	8	504576 EA-ST 8	100
EA M10 N	531584	10	12	40	40	10	17	40	15	504584 EA-ST 10	50
EA M12 N	531586	12	15	50	50	12	22	50	35	504585 EA-ST 12	50
EA M12 N D	500872	12	16	50	50	12	22	50	35	504585 EA-ST 12	50
EA M16 N	531587	16	20	65	65	16	27	65	60	504586 EA-ST 16	25
EA M20 N	531588	20	25	80	80	20	34	80	120	504587 EA-ST 20	25

ACCESSORIES



Setting tool EAW H Plus with hand impact protection for your safety and embossing tool



Setting tool EA-ST

Item	Art-No.	Fits	Sales unit (pcs)
EAW H 6 Plus	044630	EA M6 N	1
EAW H 8 x 30 Plus	044631	EA M8 N	1
EAW H 8 x 40 Plus	044632	EA M8 N	1
EAW H 10 Plus	044633	EA M10 N	1
EAW H 10 x 30 plus	048487	EA M10 N	1
EAW H 12 Plus	044634	EA M12 N	1
EAW H 16 Plus	044635	EA M16 N	1
EAW H 20 Plus	044636	EA M20 N	1
EA-ST 12	504585	EA M6 N	1

LOADS

Design ²⁾ and recommended ¹⁾ resistance for a single anchor.*

Anchor size		EA M6 N	EA M8 N	EA M10 N	EA M12 N	EA M16 N	EA M20 N
Rec. tensile load C20/25	Nrec (kN)	1,5	2,1	3,3	4,8	7	9,5
Design load C20/25	Nre (kN)	2,1	2,9	4,6	6,7	9,8	13,3
Maximum torque	Tinst (Nm)	4	8	15	35	60	120

¹⁾The partial safety factors for material resistance as regulated in the approval as well as a partial safety factor for load actions of $\gamma_L = 1,4$ are considered.

²⁾The required safety factor for material is considered.