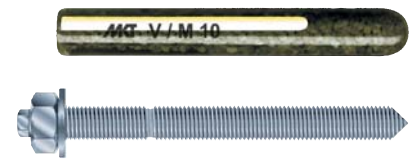


胶管式化学锚栓 VA

锚固设计辅助表

(非开裂混凝土 C25)



镀锌钢

表中所列数据是容许使用荷载。

承载力设计值可由表中数据乘以荷载分项系数 1.4 求得。

适用条件：

- 荷载作用在锚板中心，荷载方向见图 2
- 主要是静荷载
- 刚性锚板符合平面假设
- 锚栓按 MKT 公司要求正确安装
- 分项系数：
 - 荷载分项系数 $\gamma_F = 1.4$
 - 锚栓材料分项系数 γ_M 见 MKT 产品技术参数



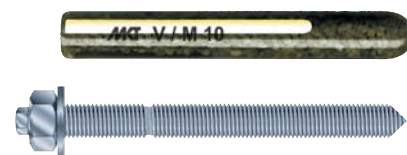
锚栓在非开裂混凝土 C25 中的容许使用荷载，安全系数已考虑在内

	s[mm] ≥																				
		130	140	160	170	175	220	260	330	130	140	160	170	175	220	260	330	120	120	150	180
	h[mm] ≥																				
		M8	M10	M12	M14	M16	M20	M24	M30	M8	M10	M12	M14	M16	M20	M24	M30	M8	M10	M12	M14
远离边缘																					
	zul. N 90° [kN] →	6.3	8.7	13.9	17.1	23.4	38.9	58.7	104.4	9.5	13.1	20.8	25.6	35.1	58.3	88.1	143.7	11.1	14.6	23.4	29.9
	zul. F 60° [kN]	5.2	7.5	11.6	14.8	20.3	32.9	50.5	82.5	8.7	12.5	19.3	24.5	33.6	54.7	83.7	131.1	9.6	13.4	20.8	27.2
	zul. F 45° [kN] ↘	4.9	7.2	11.0	14.3	19.5	31.4	48.4	76.9	8.5	12.5	19.0	24.5	33.6	54.2	83.3	128.5	9.2	13.2	20.2	26.7
	zul. F 20° [kN]	5.2	7.9	11.7	15.6	21.4	33.9	52.7	79.9	9.6	14.6	21.7	28.8	39.3	62.5	97.2	145.4	10.0	15.0	22.5	30.1
	zul. V 0° [kN] ↓	5.3	8.3	12.1	16.6	22.6	35.3	55.5	80.0	10.5	16.7	24.2	33.1	45.3	70.5	111.0	160.0	10.5	16.7	24.2	33.1
近下边缘																					
	c[mm] ≥	40	45	55	60	65	85	105	140	40	45	55	60	65	85	105	140	40	45	55	60
	zul. N 90° [kN] →	4.0	5.6	8.9	10.5	13.9	22.9	35.1	57.5	6.1	8.3	13.3	15.3	19.7	32.7	49.8	76.6	7.1	9.3	14.9	17.7
	zul. F 60° [kN]	2.5	3.3	4.9	5.9	7.3	12.5	18.8	32.0	3.9	5.2	7.9	9.3	11.3	19.6	29.4	48.5	4.6	5.8	9.0	11.0
	zul. F 45° [kN] ↘	2.1	2.8	4.2	5.1	6.2	10.6	15.9	27.2	3.4	4.5	6.8	8.1	9.7	16.9	25.3	42.4	4.1	5.1	7.8	9.6
	zul. F 20° [kN]	1.9	2.5	3.6	4.4	5.2	9.1	13.5	23.5	3.2	4.1	6.1	7.3	8.5	15.1	22.4	38.9	3.8	4.6	6.9	8.8
zul. V 0° [kN] ↓	1.8	2.3	3.5	4.2	4.9	8.6	12.8	22.3	3.0	3.9	5.8	7.0	8.1	14.4	21.3	37.1	3.6	4.4	6.6	8.3	
在柱上																					
	c[mm] ≥	40	45	55	60	65	85	105	140	40	45	55	60	65	85	105	140	40	45	55	60
	zul. N 90° [kN] →	2.7	3.7	5.9	6.6	8.4	13.6	18.7	28.7	5.4	7.4	11.8	13.2	16.5	27.2	37.3	57.5	6.7	8.7	14.0	16.5
	zul. F 60° [kN]	2.6	3.5	5.5	6.3	7.8	12.9	18.2	29.0	5.2	7.1	11.0	12.6	15.4	25.9	36.4	58.0	6.1	7.8	12.2	14.6
	zul. F 45° [kN] ↘	2.6	3.5	5.4	6.3	7.7	12.9	18.3	29.6	5.3	7.0	10.8	12.5	15.2	25.8	36.6	59.3	5.9	7.6	11.8	14.1
	zul. F 20° [kN]	3.1	4.1	6.2	7.3	8.8	15.1	21.8	36.4	6.2	8.2	12.4	14.6	17.5	30.1	43.6	72.8	6.7	8.6	13.0	15.6
zul. V 0° [kN] ↓	3.6	4.7	6.9	8.3	9.8	17.2	25.6	44.6	7.3	9.4	13.8	16.7	19.7	34.5	51.1	89.1	7.3	9.4	13.8	16.7	
在梁上																					
	c[mm] ≥	40	45	55	60	65	85	105	140	40	45	55	60	65	85	105	140	40	45	55	60
	zul. N 90° [kN] →	2.7	3.7	5.9	6.6	8.4	13.6	18.7	28.7	4.0	5.6	8.9	9.7	11.9	18.1	24.9	38.3	4.7	6.2	9.9	11.2
	zul. F 60° [kN]	2.0	2.7	4.1	4.8	5.9	9.9	14.0	22.8	3.2	4.2	6.5	7.4	8.9	14.5	20.6	33.3	3.7	4.7	7.4	8.7
	zul. F 45° [kN] ↘	1.8	2.4	3.7	4.3	5.3	9.0	12.9	21.3	2.9	3.9	5.9	6.9	8.2	13.6	19.5	32.0	3.5	4.4	6.7	8.1
	zul. F 20° [kN]	1.9	2.4	3.6	4.3	5.1	8.9	13.1	22.2	3.0	4.0	5.9	7.0	8.3	14.2	20.7	35.1	3.6	4.5	6.8	8.4
zul. V 0° [kN] ↓	1.8	2.3	3.5	4.2	4.9	8.6	12.8	22.3	3.0	3.9	5.8	7.0	8.1	14.4	21.3	37.1	3.6	4.4	6.6	8.3	
在角部																					
	c[mm] ≥	40	45	55	60	65	85	105	140	40	45	55	60	65	85	105	140	40	45	55	60
	zul. N 90° [kN] →	3.0	4.2	6.6	7.6	10.0	16.3	24.9	38.3	5.1	7.0	11.1	12.5	15.8	26.1	37.3	57.5	6.1	7.9	12.7	14.9
	zul. F 60° [kN]	1.8	2.4	3.7	4.4	5.4	9.2	13.8	22.8	3.2	4.3	6.5	7.6	9.1	15.8	23.0	37.9	3.9	4.9	7.5	9.2
	zul. F 45° [kN] ↘	1.6	2.1	3.2	3.8	4.6	7.9	11.7	19.7	2.8	3.7	5.6	6.6	7.8	13.7	20.0	33.5	3.4	4.2	6.4	8.0
	zul. F 20° [kN]	1.4	1.9	2.7	3.3	3.9	6.8	10.1	17.6	2.6	3.3	4.9	5.9	6.9	12.2	18.1	31.4	3.1	3.8	5.7	7.2
zul. V 0° [kN] ↓	1.4	1.8	2.6	3.1	3.7	6.5	9.6	16.7	2.5	3.2	4.7	5.6	6.5	11.6	17.3	30.1	3.0	3.6	5.4	6.9	

胶管式化学锚栓 VA

锚固设计辅助表

(非开裂混凝土 C25)



镀锌钢

图 1

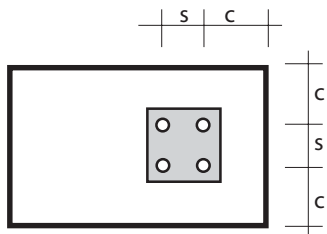
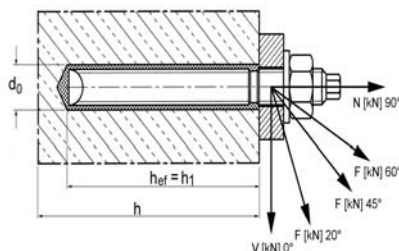



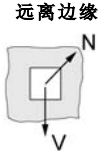
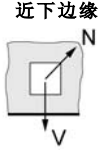
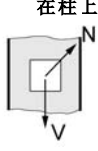
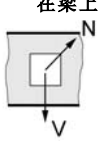
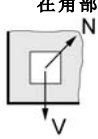


图 2



												s[mm]								
180	250	300	400	80	90	110	120	125	170	210	280	120	120	150	180	180	250	300	400	h[mm]
175	220	260	330	130	140	160	170	175	220	260	330	130	140	160	170	175	220	260	330	
M16	M20	M24	M30	M8	M10	M12	M14	M16	M20	M24	M30	M8	M10	M12	M14	M16	M20	M24	M30	
												→ zul. N 90° [kN]								
												↘ zul. F 60° [kN]								
												↙ zul. F 45° [kN]								
												↓ zul. V 0° [kN]								
												→ zul. N 90° [kN]								
												↘ zul. F 60° [kN]								
												↙ zul. F 45° [kN]								
												↓ zul. V 0° [kN]								
												→ zul. N 90° [kN]								
												↘ zul. F 60° [kN]								
												↙ zul. F 45° [kN]								
												↓ zul. V 0° [kN]								
												→ zul. N 90° [kN]								
												↘ zul. F 60° [kN]								
												↙ zul. F 45° [kN]								
												↓ zul. V 0° [kN]								
												→ zul. N 90° [kN]								
												↘ zul. F 60° [kN]								
												↙ zul. F 45° [kN]								
												↓ zul. V 0° [kN]								