

**Load capacity in uncracked concrete**

<b>Dimension</b>	<b>Tension load Concrete C20/25 kg</b>	<b>Shear load Concrete C20/25 kg</b>	<b>Min. edge distance mm</b>	<b>Min. spacing distance mm</b>
M6	190	210	60	120
M8	360	260	80	160
M10	450	330	100	200
M12	720	470	120	240
M16	1190	1110	160	320
M20	1380	1540	200	400

**Load capacity in Hollow core elements**

<b>Dimension</b>	<b>Tension load Concrete C50/60 kN</b>	<b>Shear load Concrete C50/65 kN</b>
M8	3,7	5
M10	4,5	5,5

**Min. distance Hollow core element**

<b>Dimension</b>	<b>Min. edge distance mm</b>	<b>Min. spacing distance mm</b>
M8	80	160
M10	100	200

**Installation Torque**

<b>Dimension</b>	<b>Installation Torque Nm</b>
M6	4
M8	8
M10	15
M12	35
M16	60
M20	120

**Technical Information**

<b>Dimension</b>	<b>Drill Ø mm</b>	<b>Drill depth mm</b>	<b>Mounting depth mm</b>	<b>Screwing depth Min/Max mm</b>
M6	8	30	25	6-10
M8	10	35	30	8-14
M10	12	45	40	10-15
M12	15	55	50	12-20
M16	20	75	65	16-25
M20	26	90	80	20-35

**Dinemsioning load capacity accordance to Eurocode**

<b>Dimension</b>	<b>Tension load Concrete C20/25 kN</b>	<b>Shear load Concrete C20/25 kN</b>	<b>Min. edge distance mm</b>	<b>Min. spacing distance mm</b>
M6	2,6	2,9	60	120
M8	4,9	3,6	80	160
M10	6,1	4,5	100	200
M12	9,8	6,4	120	240
M16	16,1	15	160	320
M20	18,6	20,8	200	400

**Fire rate**

Thread M8 and M10 are approved for Fire rate R90 for a load of 1,0 kN.  
Min. mounting depth 40 mm.