LOADS

Heavy-duty anchor SLM (screw with grade 8.8)

Highest recommended loads[1] for a single anchor in concrete C20/25[4].

				Non-cracked concrete		
Type	**Effective anchorage depth h_{ef} [mm]**	**Min. member thickness h_{min} [mm]**	**Installation torque T_{inst} [Nm]**	**Recommended load F_{rec}[3] [kN]**	**Min. spacing s_{min}[2] [mm]**	**Min. edge distance c_{min}[2] [mm]**
SL M16	62	130	100,0	8,0	60	120
SL M20	77	150	150,0	11,0	80	160
SL M24	90	200	200,0	13,9	90	180

[1] Required safety factors are considered.

[2] Minimum possible axial spacings resp. edge distance while reducing the recommended load.

[3] Valid for tensile load, shear load and oblique load under any angle.

[4] For higher strength classes up to C50/60 higher recommended loads may be possible.

LOADS

Heavy-duty anchor SLM (screw with grade A4-70)

Highest recommended loads[1] for a single anchor in concrete C20/25[4].

				Non-cracked concrete		
Type	**Effective anchorage depth h_{ef} [mm]**	**Min. member thickness h_{min} [mm]**	**Installation torque T_{inst} [Nm]**	**Recommended load F_{rec}[3] [kN]**	**Min. spacing s_{min}[2] [mm]**	**Min. edge distance c_{min}[2] [mm]**
SL M 8 N A4	45	100	25,0	3,5	50	90
SL M 10 N A4	50	100	50,0	5,0	50	100

[1] Required safety factors are considered.

[2] Minimum possible axial spacings resp. edge distance while reducing the recommended load.

[3] Valid for tensile load, shear load and oblique load under any angle.

[4] For higher strength classes up to C50/60 higher recommended loads may be possible.