

Point load area vlak 200 x 200 mm in kg										
mesh width						34 x 38 mm				
Bearing bar	40x4	50x5	60x5	70x5	80x5	90x5	100x5	110x5	120x5	
500	1486	3411	4907	6687	8727	11039	13713	17000	19663	
600	1190	2731	3933	5349	6981	8829	10880	13147	15753	
700	992	2278	3281	4465	5825	7367	9180	10993	13147	
800	851	1955	2816	3831	4975	6313	7792	9492	11220	
900	745	1700	2465	3355	4375	5531	6857	8273	9860	
1000	663	1530	2176	2981	3887	4919	6120	7140	8727	
1100	598	1371	1966	2686	3094	4420	5553	6630	7877	
1200	543	1258	1796	2437	3190	4023	4987	5893	7140	
1300	498	1145	1655	2238	2924	3683	4590	5327	6573	
1400	459	1054	1513	2063	2697	3406	4216	4987	6063	
1500	427	975	1417	1927	2505	3168	3899	4703	5604	
1600	377	895	1315	1791	2335	2947	3638	3615	5236	
1700	334	793	1230	1677	2199	2760	3411	4250	4907	
1800	300	703	1156	1575	2063	2601	3207	4046	4618	
1900	270	629	1088	1496	1949	2454	3032	3848	4363	
2000	244	567	975	1411	1842	2323	2867	3513	4137	
Weight (kg/m ²)	48	68	81	94	106	119	131	144	156	
Permissible bending stress = 140 N/mm ²						Deflection $f \leq 4$ mm				
Safety factor to yield point = 1,5						Deflection $1/200 \times \text{span}$				
Safety factor to yield point = 2,4						Marginal cases $f \leq 10$ mm				

These tables are to be used as a guideline only. No rights can be derived from the information contained in them.

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