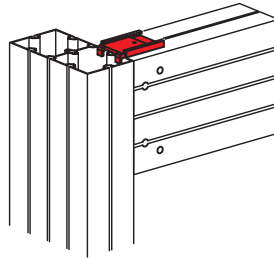


## Supporting capacity values

TI-M-3.4.1

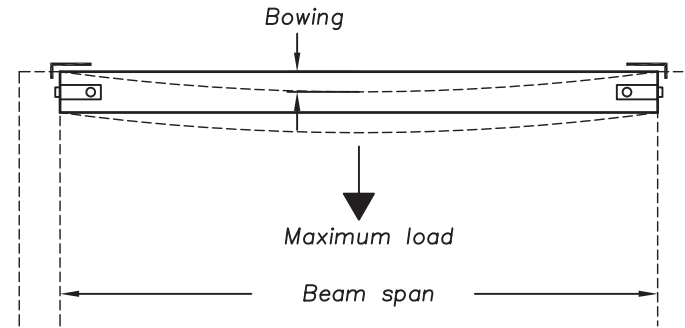
## technical information

**The indicated values apply provided that the construction of the beams prevents them from twisting. Proof must be produced for the flexural buckling and torsional-flexural buckling values separately.**




maximum possible loads (in addition to dead weight) and the resulting calculated bowing of beams with maximum permissible bowing of 1/300 of the span.

xxx (values which are underlined)=the maximum admissible bearing load is decisive



**With beam supports higher load capacity is achieved which results in "more safety"**

M 1052		Beam spans (m):													
		1,0	1,5	2,0	2,5	3,0	3,5	4,0	4,5	5,0	5,5	6,0	6,5	7,0	
Each side 2x tension locks and 1x support beam		Single load in beam center (kg)	1758,0	1515,0	1133,0	740,0	510,0	372,0	282,0	219,0	175,0	141,0	115,0	95,0	78,7
		uniformly distributed load (kg/m)	1758,0	1171,0	877,0	592,0	341,0	213,0	141,0	97,5	70,0	51,3	38,5	29,2	22,5
		bowing (cm)	0,2	0,3	0,6	1,0	1,2	1,4	1,6	1,8	2,0	2,2	2,4	2,6	2,8

The values for the extrusion M 1052 have been determined for the resistance torque of 45.2 cm<sup>3</sup> and the moment of inertia of 433.3 cm<sup>4</sup> (extrusion mounted edgewise)