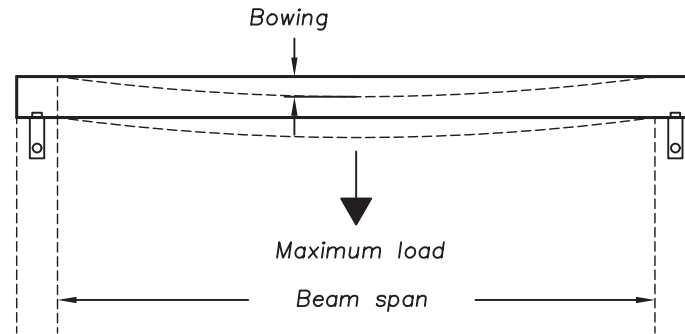
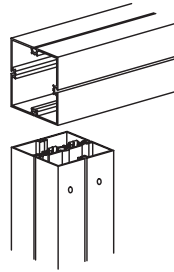


Supporting capacity values




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

value marked with ■ = the area of shearing force is decisive

		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 1x tension lock in vertical position  M 225	Single load in beam center (kg):	■ 3184	2416	846	538	370	269	202	156	123	98	78	63	51
	uniformly distributed load (kg/m):	■ 3184	1611	677	344	197	122	80	55	39	28	21	15	11
	bowing (cm):	0.20	0.50	0.67	0.83	1.00	1.16	1.32	1.50	1.65	1.82	2.00	2.17	2.33
Each side 1x tension lock in vertical position  M 1020	(kg):	822	364	203	128	87	61	45	33	25	18	13	---	---
	(kg/m):	1316	388	162	51	36	28	18	12	8	5	3	---	---
	(cm):	0.33	0.32	0.42	0.53	0.81	1.15	1.33	1.50	1.67	1.83	2.00	---	---
Each side 1x tension lock in vertical position  M 1222	(kg):	519	229	127	80	54	38	27	20	14	10	7	4.2	---
	(kg/m):	<u>831</u>	244	102	51	28	17	11	7	4.5	3	1.8	1	---
	(cm):	0.33	0.50	0.67	0.83	0.97	1.14	1.33	1.48	1.62	1.81	1.94	2.10	---

* = average value relevant for data collection