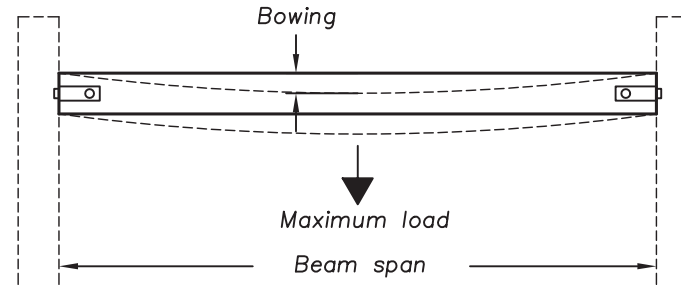
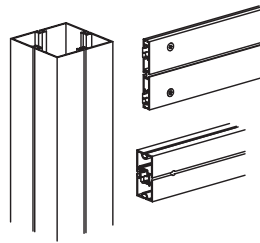


Supporting capacity values



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. **(transverse reinforcements are necessary)**

xxx (values which are underlined)=the maximum admissible bearing load 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		Single load in beam center (kg):	<u>59</u>	36	19	11	7	4.1	2	---	---	---	---	---	---	
		uniformly distributed load (kg/m):	<u>59</u>	31	15	7.1	3.7	1.8	0.8	---	---	---	---	---	---	---
		bowing (cm):	0.15	0.50	0.63	0.80	0.98	1.23	1.30	---	---	---	---	---	---	---
Each side 1x tension lock		(kg):	119	<u>117</u>	<u>115</u>	<u>114</u>	51	36	25	18	13	8.5	5	---	---	
		(kg/m):	<u>119</u>	<u>79</u>	<u>58</u>	<u>46</u>	27	16	10	6.5	4	2.5	1.4	---	---	
		(cm):	0.05	0.17	0.40	0.78	0.98	1.13	1.30	1.48	1.61	1.79	1.95	---	---	
Each side 1x tension lock		(kg):	<u>119</u>	<u>117</u>	<u>115</u>	<u>114</u>	40	28	20	14	9.5	6	---	---	---	
		(kg/m):	<u>119</u>	<u>79</u>	<u>58</u>	<u>46</u>	21	12.5	8	4.8	2.9	1.5	---	---	---	
		(cm):	0.06	0.21	0.51	0.98	0.98	1.15	1.36	1.52	1.67	1.78	---	---	---	
Each side 1x tension lock		(kg):	44	19	10	5.9	3.5	---	---	---	---	---	---	---	---	
		(kg/m):	67	19	7.8	3.6	1.8	---	---	---	---	---	---	---	---	
		(cm):	0.33	0.49	0.67	0.83	1.00	---	---	---	---	---	---	---	---	
Each side 2x tension locks		(kg):	<u>242</u>	141	78	49	33	23	16	11	8	5.5	---	---	---	
		(kg/m):	<u>242</u>	151	63	31	17	10	6.5	4.1	2.5	1.5	---	---	---	
		(cm):	0.16	0.50	0.67	0.82	0.97	1.11	1.31	1.46	1.57	1.71	---	---	---	
Each side 2x tension locks		(kg):	<u>241</u>	<u>239</u>	<u>236</u>	<u>155</u>	106	76	56	43	33	25	19	---	---	
		(kg/m):	<u>241</u>	<u>160</u>	<u>119</u>	<u>95</u>	56	34	22	15	10	7.2	5	---	---	
		(cm):	0.05	0.17	0.41	0.80	0.99	1.14	1.29	1.47	1.58	1.78	1.92	---	---	

TI M-3.6 08/2001/WG// Englisch 09.01/HB gea 06.02/HB neues Layout 09/2005 shift