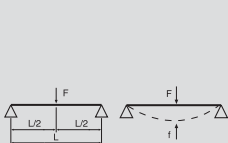
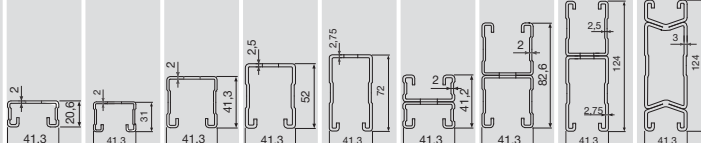


Technical data for channel profile MQ (max. load/deflection at single load)

																		
Max. load F [kN] / deflection f [mm], max. L/200 at single load																		
	MQ-21-F MQ-21- HDG plus		MQ-31- HDG plus		MQ-41-F MQ-41- HDG plus		MQ-52-F MQ-52- HDG plus		MQ-72-F		MQ-21D-F MQ-21D- HDG plus		MQ-41D-F MQ-41D- HDG plus		MQ-52-72D-F		MQ-124XD-F	
	F	f	F	f	F	f	F	f	F	f	F	f	F	f	F	f	F	f
Span width L [cm]																		
25	2.78	0.4	5.36	0.3	8.38	0.2	14.07	0.2	25.59	0.1	7.68	0.2	23.60	0.1	58.52	0.1	79.97	0.1
50	1.39	1.7	2.67	1.2	4.18	0.9	7.03	0.7	12.79	0.5	3.84	0.9	11.79	0.5	29.24	0.3	39.96	0.3
75	0.90	3.7	1.78	2.6	2.79	2.0	4.68	1.6	8.52	1.2	2.55	2.0	7.85	1.0	19.48	0.7	26.62	0.6
100	0.50	5.0	1.33	4.7	2.08	3.5	3.50	2.8	6.38	2.1	1.91	3.6	5.88	1.8	14.60	1.2	19.94	1.0
125	0.31	6.2	0.91	6.2	1.66	5.5	2.80	4.4	5.09	3.2	1.52	5.7	4.69	2.8	11.66	1.9	15.93	1.6
150	0.21	7.5	0.62	7.5	1.30	7.5	2.32	6.3	4.23	4.6	1.15	7.5	3.90	4.1	9.70	2.7	13.25	2.3
175	0.15	8.7	0.45	8.7	0.94	8.7	1.98	8.6	3.62	6.3	0.83	8.7	3.33	5.6	8.30	3.7	11.34	3.2
200	0.11	9.9	0.34	9.9	0.71	10.0	1.52	10.0	3.16	8.2	0.62	9.9	2.91	7.3	7.24	4.8	9.90	4.2
225	0.08	11.0	0.26	11.1	0.55	11.2	1.19	11.2	2.80	10.4	0.48	11.2	2.57	9.2	6.42	6.1	8.77	5.3
250	0.06	12.1	0.20	12.3	0.44	12.4	0.95	12.4	2.43	12.5	0.37	12.4	2.31	11.4	5.76	7.5	7.87	6.5
275	0.04	13.2	0.16	13.5	0.35	13.6	0.77	13.7	1.99	13.7	0.29	13.5	2.08	13.7	5.22	9.1	7.13	7.9
300	0.03	14.2	0.12	14.7	0.29	14.8	0.63	14.9	1.65	14.9	0.23	14.7	1.72	14.9	4.77	10.9	6.51	9.4
325	0.02	15.2	0.10	15.8	0.23	16.0	0.53	16.1	1.38	16.2	0.18	15.8	1.45	16.2	4.38	12.7	5.99	11.0
350	0.01	16.1	0.08	16.9	0.19	17.2	0.44	17.3	1.17	17.4	0.14	17.0	1.23	17.4	4.05	14.8	5.54	12.8
375	-	-	0.06	18.0	0.16	18.3	0.37	18.4	1.00	18.6	0.11	18.0	1.05	18.6	3.77	17.0	5.14	14.7
400	-	-	0.04	19.0	0.13	19.4	0.31	19.6	0.86	19.8	0.08	19.1	0.90	19.8	3.51	19.4	4.80	16.8
425	-	-	0.03	20.0	0.10	20.5	0.26	20.7	0.74	21.0	0.06	20.1	0.78	21.0	3.17	21.1	4.49	19.0
450	-	-	0.02	20.9	0.08	21.5	0.22	21.9	0.64	22.1	0.04	21.0	0.67	22.2	2.79	22.3	4.22	21.3
475	-	-	0.01	21.7	0.06	22.6	0.18	23.0	0.55	23.3	0.02	21.9	0.58	23.3	2.47	23.6	3.93	23.6
500	-	-	-	-	0.05	23.5	0.15	24.0	0.48	24.5	-	-	0.50	24.5	2.19	24.8	3.50	24.8

Load tables are based on stress and deflection calculations, lateral torsional buckling is not considered.