



LOAD TABLES FOR PROFILES

I PROFILES 100 x 50 x 8

Span in mm	Loads in kg over the span	Deflection in mm	Maximum deflection in mm at L/300
1000	200	0,62	3,33
1000	400	1,24	3,33
1000	600	1,87	3,33
1000	800	2,49	3,33
1000	1000	3,11	3,33
2000	100	2,49	6,67
2000	200	4,98	6,67
2000	265	6,60	6,67
3000	50	4,20	10,00
3000	100	8,40	10,00
3000	120	10,08	10,00
4000	30	5,97	13,33
4000	60	11,95	13,33
5000	20	7,78	16,67
5000	30	11,67	16,67
5000	40	15,56	16,67
6000	10	6,72	20,00
6000	20	13,44	20,00
6000	29	19,49	20,00

150 x 75 x 9,5

Span in mm	Loads in kg over the span	Deflection in mm	Maximum deflection in mm at L/300
1000	1000	0,74	3,33
1000	2000	1,48	3,33
1000	3000	2,21	3,33
1000	4000	2,95	3,33
1000	4500	3,32	3,33
2000	500	2,95	6,67
2000	1000	5,90	6,67
2000	1100	6,49	6,67
3000	200	3,98	10,00
3000	400	7,97	10,00
3000	500	9,96	10,00
4000	100	4,72	13,33
4000	200	9,45	13,33
4000	280	13,22	13,33
5000	100	9,22	16,67
5000	150	13,84	16,67
5000	180	16,60	16,67
6000	50	7,97	20,00
6000	100	15,94	20,00
6000	125	19,92	20,00

U PROFILES 100 x 50 x 6,5

Span in mm	Loads in kg over the span	Deflection in mm	Maximum deflection in mm at L/300
1000	200	0,73	3,33
1000	400	1,46	3,33
1000	600	2,20	3,33
1000	800	2,93	3,33
1000	900	3,29	3,33
2000	100	2,93	6,67
2000	200	5,85	6,67
2000	220	6,44	6,67
3000	50	4,94	10,00
3000	80	7,90	10,00
3000	100	9,88	10,00
4000	20	4,68	13,33
4000	40	9,37	13,33
4000	50	11,71	13,33
5000	10	4,57	16,67
5000	20	9,15	16,67
5000	30	13,72	16,67
6000	10	7,90	20,00
6000	20	15,80	20,00
6000	25	19,76	20,00

150 x 100 x 8

Span in mm	Loads in kg over the span	Deflection in mm	Maximum deflection in mm at L/300
1000	1000	0,23	3,33
1000	3000	0,70	3,33
1000	6000	1,40	3,33
1000	8000	1,87	3,33
1000	10000	2,34	3,33
2000	1000	1,87	6,67
2000	2000	3,74	6,67
2000	3500	6,55	6,67
3000	500	3,16	10,00
3000	1000	6,32	10,00
3000	1500	9,48	10,00
4000	250	3,74	13,33
4000	500	7,49	13,33
4000	800	11,98	13,33
5000	200	5,85	16,67
5000	500	14,62	16,67
5000	550	16,09	16,67
6000	100	5,05	20,00
6000	200	10,11	20,00
6000	380	19,21	20,00

200 x 100 x 9,5

Span in mm	Loads in kg over the span	Deflection in mm	Maximum deflection in mm at L/300
1000	2000	0,57	3,33
1000	4000	1,14	3,33
1000	6000	1,71	3,33
1000	8000	2,27	3,33
1000	10000	2,84	3,33
1000	11500	3,27	3,33
2000	1000	2,27	6,67
2000	2000	4,55	6,67
2000	2800	6,37	6,67
3000	1000	7,67	10,00
3000	1300	9,97	10,00
4000	250	4,55	13,33
4000	500	9,09	13,33
4000	700	12,73	13,33
5000	250	8,88	16,67
5000	350	12,43	16,67
5000	450	15,99	16,67
6000	100	6,14	20,00
6000	200	12,28	20,00
6000	300	18,42	20,00

150 x 50 x 6,5

Span in mm	Loads in kg over the span	Deflection in mm	Maximum deflection in mm at L/300
1000	500	0,69	3,33
1000	1000	1,37	3,33
1000	1500	2,06	3,33
1000	2000	2,75	3,33
1000	2400	3,30	3,33
2000	200	2,20	6,67
2000	400	4,39	6,67
2000	600	6,59	6,67
3000	100	3,71	10,00
3000	200	7,41	10,00
3000	270	10,01	10,00
4000	50	4,39	13,33
4000	100	8,79	13,33
4000	150	13,18	13,33
5000	20	3,43	16,67
5000	50	8,58	16,67
5000	90	15,45	16,67
6000	20	5,93	20,00
6000	50	14,83	20,00
6000	60	17,80	20,00

H PROFILES 100 x 100 x 6

Span in mm	Loads in kg over the span	Deflection in mm	Maximum deflection in mm at L/300
1000	100	0,22	3,33
1000	500	1,09	3,33
1000	1000	2,17	3,33
1000	1200	2,61	3,33
1000	1500	3,26	3,33
2000	100	1,74	6,67
2000	200	3,48	6,67
2000	380	6,61	6,67
3000	50	2,93	10,00
3000	100	5,87	10,00
3000	150	8,80	10,00
4000	50	6,96	13,33
4000	80	11,13	13,33
4000	95	13,22	13,33
5000	20	5,43	16,67
5000	40	10,87	16,67
5000	60	16,30	16,67
6000	20	9,39	20,00
6000	30	14,09	20,00
6000	40	18,78	20,00

200 x 200 x 12

Span in mm	Loads in kg over the span	Deflection in mm	Maximum deflection in mm at L/300
1000	2000	0,27	3,33
1000	6000	0,82	3,33
1000	14000	1,90	3,33
1000	18000	2,45	3,33
1000	24000	3,26	3,33
2000	2000	2,17	6,67
2000	4000	4,35	6,67
2000	6000	6,52	6,67
3000	1000	3,67	10,00
3000	2000	7,34	10,00
3000	2700	9,90	10,00
4000	500	4,35	13,33
4000	1000	8,69	13,33
4000	1500	13,04	13,33
5000	500	8,49	16,67
5000	800	13,59	16,67
5000	980	16,64	16,67
6000	400	11,74	20,00
6000	600	17,61	20,00
6000	680	19,95	20,00

200 x 60 x 10

Span in mm	Loads in kg over the span	Deflection in mm	Maximum deflection in mm at L/300
1000	1000	0,41	3,33
1000	2000	0,83	3,33
1000	4000	1,66	3,33
1000	6000	2,49	3,33
1000	8000	3,32	3,33
2000	500	1,66	6,67
2000	1000	3,32	6,67
2000	2000	6,63	6,67
3000	500	5,60	10,00
3000	700	7,84	10,00
3000	900	10,08	10,00
4000	200	5,31	13,33
4000	400	10,62	13,33
4000	500	13,27	13,33
5000	100	5,18	16,67
5000	200	10,37	16,67
5000	320	16,59	16,67
6000	100	8,96	20,00
6000	200	17,91	20,00
6000	220	19,71	20,00