

HEB beam weight chart

Dimensions, weight per metre and second moments of area of European HEB wide flange beams, HEB 100 to HEB 1000.

Section	h (mm)	b (mm)	tw (mm)	tf (mm)	kg/m	lb/ft	A (cm ²)	Ix (cm ⁴)	Iy (cm ⁴)	Zx (cm ³)
HEB 100	100	100	6	10	20.44	13.74	26.04	450	167	89.90
HEB 120	120	120	6.5	11	26.69	17.93	34.01	864	318	144
HEB 140	140	140	7	12	33.72	22.66	42.96	1,509	550	216
HEB 160	160	160	8	13	42.59	28.62	54.25	2,492	889	311
HEB 180	180	180	8.5	14	51.22	34.42	65.25	3,831	1,363	426
HEB 200	200	200	9	15	61.29	41.18	78.08	5,696	2,003	570
HEB 220	220	220	9.5	16	71.47	48.03	91.04	8,091	2,843	736
HEB 240	240	240	10	17	83.20	55.91	105.99	11,259	3,922	938
HEB 260	260	260	10	17.5	92.98	62.48	118.44	14,918	5,134	1,148
HEB 280	280	280	10.5	18	103.12	69.29	131.36	19,269	6,594	1,376
HEB 300	300	300	11	19	117.03	78.64	149.08	25,164	8,561	1,678
HEB 320	320	300	11.5	20.5	126.65	85.10	161.34	30,822	9,237	1,926
HEB 340	340	300	12	21.5	134.15	90.14	170.90	36,655	9,688	2,156
HEB 360	360	300	12.5	22.5	141.80	95.29	180.63	43,192	10,140	2,400
HEB 400	400	300	13.5	24	155.26	104.33	197.78	57,679	10,817	2,884
HEB 450	450	300	14	26	171.11	114.98	217.98	79,886	11,720	3,550
HEB 500	500	300	14.5	28	187.33	125.88	238.64	107,174	12,622	4,287
HEB 550	550	300	15	29	199.44	134.02	254.06	136,689	13,075	4,971
HEB 600	600	300	15.5	30	211.92	142.40	269.96	171,040	13,529	5,701
HEB 650	650	300	16	31	224.78	151.05	286.34	210,615	13,982	6,480
HEB 700	700	300	17	32	240.51	161.62	306.38	256,887	14,439	7,340
HEB 800	800	300	17.5	33	262.33	176.28	334.18	359,081	14,901	8,977
HEB 900	900	300	18.5	35	291.45	195.85	371.28	494,062	15,814	10,979
HEB 1000	1000	300	19	36	314.04	211.03	400.05	644,746	16,273	12,895

Dimensions from the structuralcodes library (Apache-2.0); masses and properties calculated. Nominal values for estimating; verify with the producer. steelweight-calculator.com