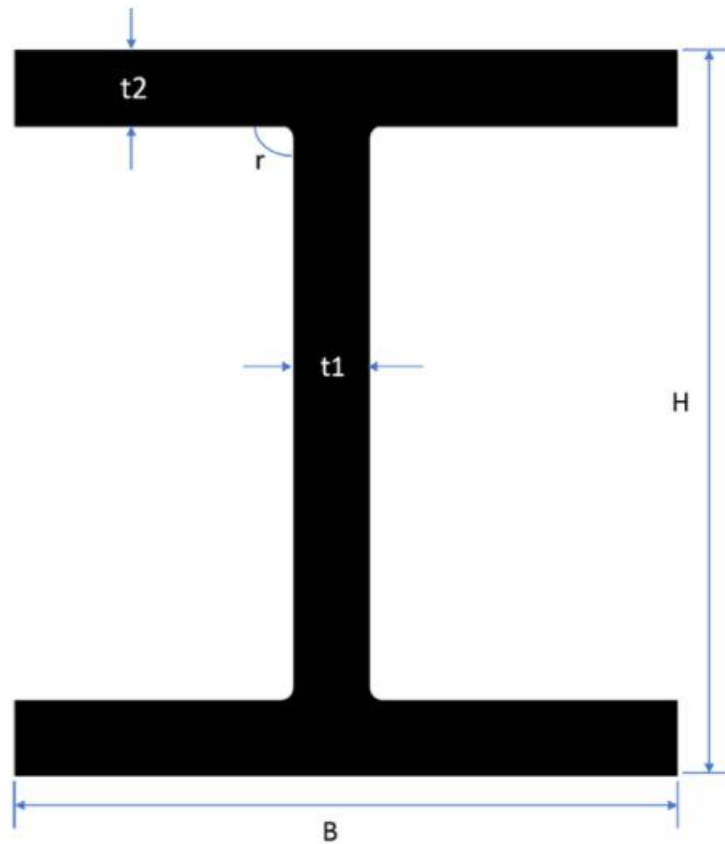


H Beam Sizes & Weight Chart



Type	Model	Cross section (mm)					Theoretical weight(kg/m)
		Height H	Width B	Web thickness t1	Flange thickness t2	Radius r	
HW Wide flange	100×100	100	100	6	8	8	16.9
	125×125	125	125	6.5	9	8	23.6
	150×150	150	150	7	10	8	31.1
	175×175	175	175	7.5	11	13	40.4
	200×200	200	200	8	12	13	49.9
		200	204	12	12	13	56.2
	250×250	244	252	11	11	13	63.8
		250	250	9	14	13	71.8
		250	255	14	14	13	81.6

Type	Model	Cross section (mm)					Theoretical weight(kg/m)	
		Height H	Width B	Web thickness t1	Flange thickness t2	Radius r		
	300×300	294	302	12	12	13	83.5	
		300	300	10	15	13	93	
		300	305	15	15	13	104.8	
	350×350	338	351	13	13	13	104.6	
		344	348	10	16	13	113	
		344	354	16	16	13	129.3	
		350	350	12	19	13	134.9	
		350	357	19	19	13	154.2	
	400×400	388	402	15	15	22	140.1	
		394	398	11	18	22	146.6	
		394	405	18	18	22	168.3	
		400	400	13	21	22	171.7	
		400	408	21	21	22	196.8	
		414	405	18	28	22	231.9	
		428	407	20	35	22	283.1	
		458	417	30	50	22	414.9	
		498	432	45	70	22	604.5	
	500×500	492	465	15	20	22	202.5	
		502	465	15	25	22	239	
		502	470	20	25	22	258.7	
	HM Middle flange	150×100	148	100	6	9	8	20.7
		200×150	194	150	6	9	8	29.9

Type	Model	Cross section (mm)					Theoretical weight(kg/m)	
		Height H	Width B	Web thickness t1	Flange thickness t2	Radius r		
	250×175	244	175	7	11	13	43.6	
	300×200	294	200	8	12	13	55.8	
	350×250	340	250	9	14	13	78.1	
	400×300	390	300	10	16	13	104.6	
	450×300	440	300	11	18	13	120.8	
	500×300	482	300	11	15	13	110.8	
		488	300	11	18	13	124.9	
	550×300	544	300	11	15	13	116.2	
		550	300	11	18	13	130.3	
	600×300	582	300	12	17	13	132.8	
		588	300	12	20	13	147	
		594	302	14	23	13	170.4	
	HN Narrow flange	100×50	100	50	5	7	8	9.3
		125×60	125	60	6	8	8	13.1
		150×75	150	75	5	7	8	14
175×90		175	90	5	8	8	18	
200×100		198	99	4.5	7	8	17.8	
		200	100	5.5	8	8	20.9	
250×125		248	124	5	8	8	25.1	
		250	125	6	9	8	29	
300×150		298	149	5.5	8	13	32	
		300	150	6.5	9	13	36.7	

Type	Model	Cross section (mm)					Theoretical weight(kg/m)
		Height H	Width B	Web thickness t1	Flange thickness t2	Radius r	
	350×175	346	174	6	9	13	41.2
		350	175	7	11	13	49.4
	400×150	400	150	8	13	13	55.2
	400×200	396	199	7	11	13	56.1
		400	200	8	13	13	65.4
	450×200	446	199	8	12	13	65.1
		450	200	9	14	13	74.9
	500×200	496	199	9	14	13	77.9
		500	200	10	16	13	88.1
		506	201	11	19	13	101.5
	550×200	546	199	9	14	13	81.5
		550	200	10	16	13	92
	600×200	596	199	10	15	13	92.4
		600	200	11	17	13	103.4
		606	201	12	20	13	117.6
	650×300	646	299	10	15	13	119.9
		650	300	11	17	13	134.4
		656	301	12	20	13	153.7
	700×300	692	300	13	20	18	162.9
		700	300	13	24	18	181.8
750×300	734	299	12	16	18	143.4	
	742	300	13	20	18	168	

Type	Model	Cross section (mm)					Theoretical weight(kg/m)	
		Height H	Width B	Web thickness t1	Flange thickness t2	Radius r		
		750	300	13	24	18	186.9	
		758	303	16	28	18	223.6	
	800×300	792	300	14	22	18	188	
		800	300	14	26	18	206.8	
	850×300	834	298	14	19	18	178.6	
		842	299	15	23	18	203.9	
		850	300	16	27	18	229.3	
		858	301	17	31	18	254.9	
	900×300	890	299	15	23	18	209.5	
		900	300	16	28	18	240.1	
		912	302	18	34	18	282.6	
	1000×300	970	297	16	21	18	216.7	
		980	298	17	26	18	247.7	
		990	298	17	31	18	271.1	
		1000	300	19	36	18	310.2	
		1008	302	21	40	18	344.8	
	HT Thin-wall	100×50	95	48	3.2	4.5	8	6
			97	49	4	5.5	8	7.4
		100×100	96	99	4.5	6	8	12.7
		125×60	118	58	3.2	4.5	8	7.3
120			59	4	5.5	8	8.9	
125×125		119	123	4.5	6	8	15.8	

Type	Model	Cross section (mm)					Theoretical weight(kg/m)
		Height H	Width B	Web thickness t1	Flange thickness t2	Radius r	
	150×75	145	73	3.2	4.5	8	9
		147	74	4	5.5	8	11.1
	150×100	139	97	3.2	4.5	8	10.5
		142	99	4.5	6	8	14.3
	150×150	144	148	4.5	6	8	21.8
		147	149	5	7	8	26.4
	175×90	168	88	3.2	4.5	8	10.6
		171	89	4	6	8	13.8
	175×175	167	173	5	7	13	26.2
		172	175	6.5	9.5	13	35
	200×100	193	98	3.2	4.5	8	12
		196	99	4	6	8	15.5
	200×150	188	149	4.5	6	8	20.7
	200×200	192	198	6	8	13	34.3
	250×125	238	173	4.5	6	8	20.3
	250×175	238	173	4.5	8	13	30.7
	300×150	294	148	4.5	6	13	25
	300×200	286	198	6	8	13	38.7
	350×175	340	173	4.5	6	13	29
	400×150	390	148	6	8	13	37.3
400×200	390	198	6	8	13	43.6	
HL	80×40	77	40	3	3.5	5	4.01

Type	Model	Cross section (mm)					Theoretical weight(kg/m)
		Height H	Width B	Web thickness t1	Flange thickness t2	Radius r	
Light-weight	100×50	97	50	2.3	3.2	6	4.39
		97	50	3	3.5	6	5.11
		100	50	3.2	4.5	8	6.06
	100×100	97	100	4.5	6	8	12.85
	120×60	117	60	3.2	4.5	8	7.38
		120	60	4.5	6	8	9.9
	120×120	117	120	3.2	4.5	8	11.62
		120	120	4.5	6	8	15.55
	140×70	137	70	3.2	4.5	8	8.59
		140	70	4.5	6	8	11.55
	150×75	147	75	3.2	4.5	8	9.2
		150	75	4.5	6	8	12.37
	150×100	147	100	3.2	4.5	8	10.96
		150	100	4.5	6	8	14.73
	150×150	147	149	6	8.5	13	27.15
	175×90	172	90	4.5	6.5	10	15.5
	175×175	172	175	6.5	9.5	13	35.05
	200×100	196	99	4.5	6	13	16.96
	200×150	191	149	5	7.5	16	26.18
	200×200	197	199	7	10.5	16	44.2
250×125	246	124	4.5	7	13	22.96	
250×175	241	175	6	9.5	16	38.28	

Type	Model	Cross section (mm)					Theoretical weight(kg/m)
		Height H	Width B	Web thickness t1	Flange thickness t2	Radius r	
	300×150	296	148	4.5	7	16	27.95
	300×200	291	199	7	10.5	20	50.34
	350×175	343	174	5.5	7.5	16	36.37
	400×150	396	149	7	11	16	48.01
	400×200	393	199	6	9.5	16	49.02