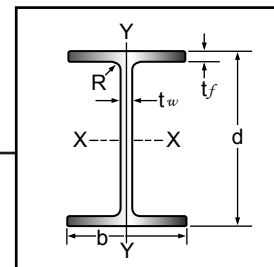
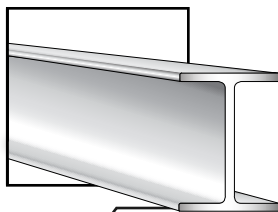


Wide Flange JIS (Metric)

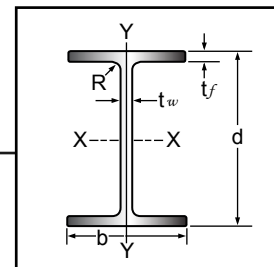


Size	Weight		Depth of Section, d	Flange		Web Thickness, t _w	Weight per	
				Width, b	Thickness, t _f		6M	12M
mm	kg/ M	lbs/ ft	mm	mm	mm	mm	kg	kg
100 x 50	9.3	6.24	100	50	7	5.0	55.80	111.60
100 x 100	14.8	9.92	100	100	7	5.0	88.80	177.60
	17.2	11.53	100	100	8	6.0	103.20	206.40
125 x 60	13.2	8.85	125	60	8	6.0	79.20	158.40
125 x 125	18.5	12.40	125	125	7	5.0	111.00	222.00
	23.8	15.96	125	125	9	6.5	142.80	285.60
150 x 75	14.0	9.39	150	75	7	5.0	84.00	168.00
150 x 100	21.1	14.15	148	100	9	6.0	126.60	253.20
150 x 150	31.5	21.12	150	150	10	7.0	189.00	378.00
	37.4	25.08	154	151	12	8.0	224.40	448.80
175 x 90	18.1	12.14	175	90	8	5.0	108.60	217.20
	20.7	13.88	175	90	9	6.0	124.20	248.40
175 x 175	32.8	21.99	171	174	9	6.0	196.80	393.60
	40.4	27.09	175	175	11	7.5	242.40	484.80
200 x 100	18.2	12.20	198	99	7	4.5	109.20	218.40
	21.3	14.28	200	100	8	5.5	127.80	255.60
200 x 150	26.8	17.97	192	149	8	5.0	160.80	321.60
	30.6	20.52	194	150	9	6.0	183.60	367.20
	36.9	24.74	198	151	11	7.0	221.40	442.80
200 x 200	41.4	27.76	196	199	10	6.5	248.40	496.80
	49.9	33.46	200	200	12	8.0	299.40	598.80
	56.2	37.68	200	204	12	12.0	337.20	674.40
	57.8	38.76	204	201	14	9.0	346.80	693.60
	65.7	44.05	208	202	16	10.0	394.20	788.40
250 x 125	25.7	17.23	248	124	8	5.0	154.20	308.40
	29.6	19.85	250	125	9	6.0	177.60	355.20
	35.5	23.80	254	126	11	7.0	213.00	426.00
	37.5	25.14	256	126	12	7.0	225.00	450.00
250 x 175	44.1	29.57	244	175	11	7.0	264.60	529.20
	51.6	34.60	248	176	13	8.0	309.60	619.20
	59.1	39.63	252	177	15	9.0	354.60	709.20
250 x 250	64.4	43.18	244	252	11	11.0	386.40	772.80
	66.5	44.59	248	249	13	8.0	399.00	798.00
	72.4	48.55	250	250	14	9.0	434.40	868.80
	82.2	55.12	250	255	14	14.0	493.20	986.40
	82.2	55.12	254	251	16	10.0	493.20	986.40
	98.1	65.78	260	253	19	12.0	588.60	1177.20

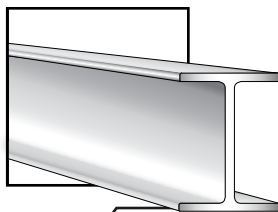


Wide Flange

JIS (Metric)

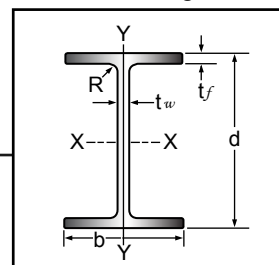


Size	Weight		Depth of Section, d	Flange		Web Thickness, t_w	Weight per	
				Width, b	Thickness, t_f		6M	12M
mm	kg/ M	lbs/ ft	mm	mm	mm	mm	kg	kg
300 X 150	25.0	16.76	294	148	6	4.5	150.00	300.00
	32.0	21.46	298	149	8	5.5	192.00	384.00
	36.7	24.61	300	150	9	6.5	220.20	440.40
	41.4	27.76	304	150	11	6.5	248.40	496.80
	46.2	30.98	306	151	12	7.5	277.20	554.40
	69.0	46.27	318	154	18	11.0	414.00	828.00
300 X 158	32.0	21.46	298	149	8	5.5	192.00	384.00
	36.7	24.61	300	150	9	6.5	220.20	440.40
300 X 200	48.3	32.39	290	199	10	7.0	289.80	579.60
	56.8	38.09	294	200	12	8.0	340.80	681.60
	65.4	43.85	298	201	14	9.0	392.40	784.80
	77.3	51.83	304	202	17	10.0	463.80	927.60
300 X 300	82.5	55.32	300	300	12	11.0	495.00	990.00
	84.5	56.66	294	302	12	12.0	507.00	1014.00
	87.0	58.34	298	299	14	9.0	522.00	1044.00
	94.0	63.03	300	300	15	10.0	564.00	1128.00
	106.0	71.08	304	301	17	11.0	636.00	1272.00
	106.0	71.08	300	305	15	15.0	636.00	1272.00
	125.0	83.82	310	303	20	13.0	750.00	1500.00
	129.0	86.50	312	303	21	13.0	774.00	1548.00
	130.0	87.17	310	305	20	15.0	780.00	1560.00
	142.0	95.21	310	310	20	20.0	852.00	1704.00
	147.0	98.57	312	310	21	20.0	882.00	1764.00
	153.0	102.59	318	307	24	17.0	918.00	1836.00
180.0	120.69	326	310	28	20.0	1080.00	2160.00	
350 X 175	41.4	27.76	346	174	9	6.0	248.40	496.80
	49.6	33.26	350	175	11	7.0	297.60	595.20
	57.8	38.76	354	176	13	8.0	346.80	693.60
	66.2	44.39	358	177	15	9.0	397.20	794.40
	71.8	48.14	360	178	16	10.0	430.80	861.60
	79.7	53.44	364	177	18	11.0	478.20	956.40
350 X 250	69.2	46.40	336	249	12	8.0	415.20	830.40
	79.7	53.44	340	250	14	9.0	478.20	956.40
	94.2	63.16	346	251	17	10.0	565.20	1130.40
	103.0	69.06	350	252	19	11.0	618.00	1236.00
	108.0	72.42	350	253	19	12.0	648.00	1296.00
	126.0	84.49	356	256	22	15.0	756.00	1512.00
	137.0	91.86	350	350	19	12.0	822.00	1644.00
	148.0	99.24	364	258	26	17.0	888.00	1776.00
156.0	104.60	350	357	19	19.0	936.00	1872.00	

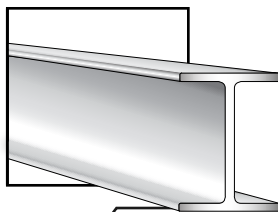


Wide Flange

JIS (Metric)

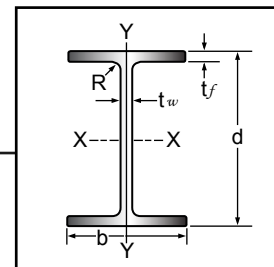


Size	Weight		Depth of Section, d	Flange		Web Thickness, t _w	Weight per	
				Width, b	Thickness, t _f		6M	12M
mm	kg/ M	lbs/ ft	mm	mm	mm	mm	kg	kg
350 x 350	106.0	71.08	338	351	13	13	636.00	1272.00
	115.0	77.11	344	348	16	10	690.00	1380.00
	131.0	87.84	344	354	16	16	786.00	1572.00
	136.0	91.19	350	350	19	12	816.00	1632.00
	154.0	103.26	350	357	19	19	924.00	1848.00
	156.0	104.60	350	357	19	19	936.00	1872.00
	159.0	106.61	356	352	22	14	954.00	1908.00
	174.0	116.67	360	354	24	16	1044.00	2088.00
	181.0	121.37	362	354	25	16	1086.00	2172.00
	202.0	135.45	368	356	28	18	1212.00	2424.00
	236.0	158.24	378	358	33	20	1416.00	2832.00
307.0	205.85	392	368	40	30	1842.00	3684.00	
400 x 200	56.6	37.95	396	199	11	7	339.60	679.20
	66.0	44.25	400	200	13	8	396.00	792.00
	75.5	50.62	404	201	15	9	453.00	906.00
	88.2	59.14	410	202	18	10	529.20	1058.40
	140.0	93.87	430	208	28	16	840.00	1680.00
	187.0	125.39	446	214	36	22	1122.00	2244.00
400 x 300	94.3	63.23	386	299	14	9	565.80	1131.60
	107.0	71.75	390	300	16	10	642.00	1284.00
	127.0	85.16	396	302	19	12	762.00	1524.00
	141.0	94.54	400	304	21	14	846.20	1692.00
	144.0	96.56	402	303	22	13	864.00	1728.00
	177.0	118.68	410	308	26	18	1062.00	2124.00
	203.0	136.12	418	310	30	20	1218.00	2436.00
400 x 400	140.0	93.87	388	402	15	15	840.00	1680.00
	147.0	98.57	394	398	18	11	882.00	1764.00
	168.0	112.65	394	405	18	18	1008.00	2016.00
	172.0	115.33	400	400	21	13	1032.00	2064.00
	197.0	132.09	400	408	21	21	1182.00	2364.00
	200.0	134.11	406	403	24	16	1200.00	2400.00
	232.0	155.56	414	405	28	18	1392.00	2784.00
	235.0	157.57	408	412	25	25	1410.00	2820.00
	283.0	189.76	428	407	35	20	1698.00	3396.00
	415.0	278.27	458	417	50	30	2490.00	4980.00
	605.0	405.67	498	432	70	45	3630.00	7260.00
	757.0	507.59	488	467	80	65	4542.00	9084.00
	909.0	609.51	568	447	105	60	5454.00	10908.00
	1080.0	724.17	598	462	120	75	6480.00	12960.00
1190.0	797.93	608	477	125	90	7140.00	14280.00	

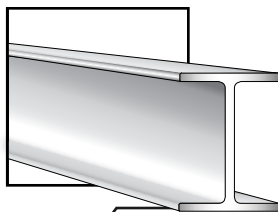


Wide Flange

JIS (Metric)

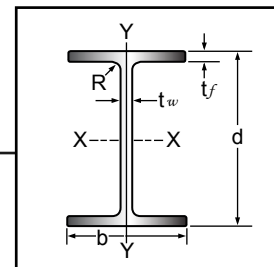


Size	Weight		Depth of Section, d	Flange		Web Thickness, t_w	Weight per	
				Width, b	Thickness, t_f		6M	12M
mm	kg/ M	lbs/ ft	mm	mm	mm	mm	kg	kg
450 X 200	66.2	44.39	446	199	12	8	397.20	794.40
	76.0	50.96	450	200	14	9	456.00	912.00
	89.0	59.68	456	201	17	10	534.00	1068.00
	98.9	66.32	460	202	19	11	593.40	1186.80
	110.0	73.76	460	205	19	14	660.00	1320.00
	118.0	79.12	466	205	22	14	708.00	1416.00
	175.0	117.34	482	213	30	22	1050.00	2100.00
	149.0	99.91	478	208	28	17	894.00	1788.00
	219.0	146.85	494	219	36	28	1314.00	2628.00
450 X 300	264.0	177.02	502	227	40	36	1584.00	3168.00
	106.0	71.08	434	299	15	10	636.00	1272.00
	124.0	83.15	440	300	18	11	744.00	1488.00
	139.0	93.20	460	298	19	14	834.00	1668.00
	144.0	96.56	446	302	21	13	864.00	1728.00
	142.0	95.21	460	298	19	15	852.00	1704.00
	158.0	105.94	450	304	23	15	948.00	1896.00
	170.0	113.99	454	304	25	15	1020.00	2040.00
	185.0	124.05	458	306	27	17	1110.00	2220.00
500 X 200	216.0	144.83	468	308	32	19	1296.00	2592.00
	79.5	53.31	496	199	14	9	477.00	954.00
	89.7	60.15	500	200	16	10	538.20	1076.40
	103.0	69.06	506	201	19	11	618.00	1236.00
	117.0	78.45	512	202	22	12	702.00	1404.00
	137.0	91.86	518	205	25	15	822.00	1644.00
	165.0	110.64	528	208	30	18	990.00	1980.00
	187.0	125.39	536	210	34	20	1122.00	2244.00
500 X 300	228.0	152.88	548	215	40	25	1368.00	2736.00
	114.0	76.44	482	300	15	11	684.00	1368.00
	128.0	85.83	488	300	18	11	768.00	1536.00
	147.0	98.57	494	302	21	13	882.00	1764.00
	169.0	113.32	500	304	24	15	1014.00	2028.00
	176.0	118.01	502	304	25	15	1056.00	2112.00
	201.0	134.78	510	306	29	17	1206.00	2412.00
	236.0	158.24	518	310	33	21	1416.00	2832.00
287.0	192.44	532	314	40	25	1722.00	3444.00	

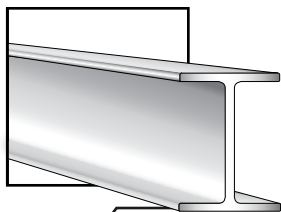


Wide Flange

JIS (Metric)

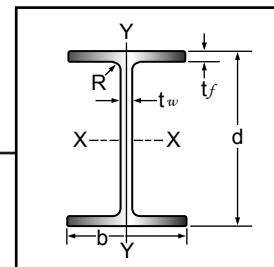


Size	Weight		Depth of Section, d	Flange		Web Thickness, t _w	Weight per	
				Width, b	Thickness, t _f		6M	12M
mm	kg/ M	lbs/ ft	mm	mm	mm	mm	kg	kg
500 X 500	240.0	160.93	502	465	25	15	1440.00	2880.00
	334.0	223.96	522	470	35	20	2004.00	4008.00
	392.0	262.85	532	475	40	25	2352.00	4704.00
	488.0	327.22	552	480	50	30	2928.00	5856.00
	509.0	341.30	552	485	50	35	3054.00	6108.00
	608.0	407.68	572	490	60	40	3648.00	7296.00
	631.0	423.10	572	495	60	45	3786.00	7572.00
550 X 200	653.0	437.85	572	500	60	50	3918.00	7836.00
	85.5	57.33	546	199	14	10	513.00	1026.00
	98.0	65.71	550	200	18	10	588.00	1176.00
600 X 200	127.0	85.16	564	203	23	13	762.00	1524.00
	79.0	52.97	592	197	13	8	474.00	948.00
	94.6	63.43	596	199	15	10	567.60	1135.20
	106.0	71.08	600	200	17	11	636.00	1272.00
	120.0	80.46	606	201	20	12	720.00	1440.00
	133.0	89.18	600	200	24	12	798.00	1596.00
	134.0	89.85	612	202	23	13	804.00	1608.00
	156.0	104.60	618	205	26	16	936.00	1872.00
	173.0	116.00	600	200	34	15	1038.00	2076.00
	179.0	120.02	626	207	30	18	1074.00	2148.00
	202.0	135.45	634	209	34	20	1212.00	2424.00
600 X 300	247.0	165.62	646	214	40	25	1482.00	2964.00
	128.0	85.83	582	298	17	10	768.00	1536.00
	137.0	91.86	582	300	17	12	822.00	1644.00
	151.0	101.25	588	300	20	12	906.00	1812.00
	175.0	117.34	594	302	23	14	1050.00	2100.00
	194.0	130.08	600	304	26	16	1164.00	2328.00
	203.0	136.12	602	304	27	16	1218.00	2436.00
	217.0	145.50	608	304	30	16	1302.00	2604.00
	223.0	149.53	608	306	30	18	1338.00	2676.00
	252.0	168.97	616	308	34	20	1512.00	3024.00
	300.0	201.16	628	312	40	24	1800.00	3600.00



Wide Flange

JIS (Metric)



Size	Weight		Depth of Section, d	Flange		Web Thickness, t_w	Weight per	
				Width, b	Thickness, t_f		6M	12M
mm	kg/ M	lbs/ ft	mm	mm	mm	mm	kg	kg
700 X 300	166.0	111.31	692	300	20	13	996.00	1992.00
	174.0	116.67	700	298	24	11	1044.00	2088.00
	185.0	124.05	700	300	24	13	1110.00	2220.00
	190.0	127.40	712	252	28	15	1140.00	2280.00
	215.0	144.16	708	302	28	15	1290.00	2580.00
	244.0	163.61	712	306	30	19	1464.00	2928.00
	269.0	180.37	718	308	33	21	1614.00	3228.00
800 X 300	320.0	214.57	732	311	40	24	1920.00	3840.00
	191.0	128.07	792	300	22	14	1146.00	2292.00
	210.0	140.81	800	300	26	14	1260.00	2520.00
	241.0	161.60	808	302	30	16	1446.00	2892.00
	264.0	177.02	816	303	34	17	1584.00	3168.00
	276.0	185.07	828	300	40	14	1656.00	3312.00
	283.0	189.76	816	306	34	20	1698.00	3396.00
	302.0	202.50	828	304	40	18	1812.00	3624.00
900 X 300	325.0	217.92	828	308	40	22	1950.00	3900.00
	199.0	133.43	890	297	23	13	1194.00	2388.00
	213.0	142.82	890	299	23	15	1278.00	2556.00
	243.0	162.94	900	300	28	16	1458.00	2916.00
	286.0	191.77	912	302	34	18	1716.00	3432.00
304.0	203.84	918	303	37	19	1824.00	3648.00	