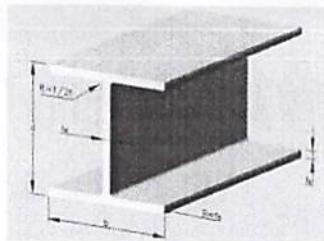


Universal Beams & Columns

Imperial Unit (Inches)

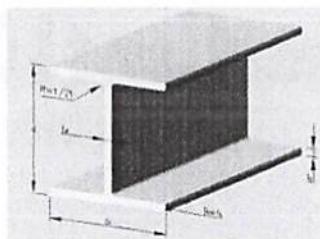


SIZES	WEIGHT		THICKNESS	
	LBS/FT	KG/M	THK 1	THK 2
			mm	mm
W4 4 X 4 102 x 102				
	13	19.35	7.11	8.76
W5 5 X 3 127 x 76	9	13.00	4.00	7.60
W5 5 X 5 127 x 127	16	23.81	6.10	9.14
	19	28.28	6.86	10.9
W6 6 X 3-1/2 152 x 89	11	16.00	4.60	7.70
W6 6 X 4 152 x 102	9	13.39	4.32	5.46
	12	17.86	5.84	7.11
	16	23.81	6.60	10.20
W6 6 X 6 152 x 152	15	22.50	5.84	6.60
	20	30.00	6.60	9.27
	25	37.20	8.13	11.5
W7 7 X 4 178 x 102	13	19.00	4.70	7.90
W8 8 X 4 203 x 102	10	14.88	4.32	5.21
	13	19.35	5.84	6.48
	15	22.32	6.22	8.00
W8 8 X 5-1/4 203 x 133	17	25.30	5.84	7.80
	18	26.79	5.84	8.38
	20	30.00	6.30	9.60
	21	31.30	6.35	10.10
W8 8 X 6-1/2 203 x 165	24	35.72	6.22	10.10
	28	41.67	7.24	11.80

SIZES	WEIGHT		THICKNESS	
	LBS/FT	KG/M	THK 1	THK 2
W8 8 X 8 203 x 203				
	31	46.16	7.24	11.00
	35	52.09	7.87	12.50
	40	60.00	9.14	14.20
	48	71.43	10.16	17.4
	58	86.31	12.95	20.57
	67	100.00	14.48	23.75
W10 10 X 4 254 x 102				
	12	17.86	4.83	5.33
	15	22.32	5.84	6.86
	17	25.30	6.10	8.38
	19	28.28	6.35	10.00
W10 10 X 5-3/4 254 x 146	21	31.25	6.10	8.60
	22	32.74	6.10	9.14
	25	37.20	6.40	10.90
	26	38.69	6.60	11.10
	29	43.00	7.30	12.70
	30	44.80	7.62	12.90
W10 10 X 8 254 x 203	33	49.11	7.37	11.00
	39	58.04	8.00	13.40
	45	66.97	8.89	15.70
W10 10 X 10 254 x 254	49	73.00	8.64	14.20
	54	80.36	9.40	15.60
	60	89.29	10.67	17.27
	68	101.20	11.94	19.56
	72	107.00	13.00	20.50
	77	115.00	13.46	22.10
	88	131.00	15.37	25.15
	89	132.00	15.60	25.30
	100	149.00	17.27	28.45
	112	167.00	19.18	31.75
W12 12 X 4 305 x 102				
	14	20.83	5.08	5.71
	16	23.81	5.59	6.73
	19	28.28	5.97	8.89
	22	33.00	6.60	10.80

Universal Beams & Columns

Imperial Unit (Inches)

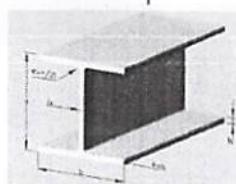


SIZES	WEIGHT		THICKNESS	
	LBS/FT	KG/M	THK 1	THK 2
			mm	mm
W12				
12 X 5				
305 x 127	25	37.00	7.20	10.70
	28	42.00	8.00	12.10
	32	48.00	8.90	14.00
W12				
12 X 6-1/2				
305 x 165	26	38.70	5.84	9.65
	27	40.00	6.10	10.20
	30	44.64	6.60	11.10
	31	46.00	6.70	11.80
	35	52.09	7.62	13.20
	36	54.00	7.70	13.70
W12				
12 X 8				
305 x 203	40	59.53	7.49	13.00
	45	66.97	8.51	14.60
	50	74.41	9.40	16.20
W12				
12 X 10				
305 x 254	53	78.87	8.76	14.60
	58	86.31	9.14	16.20
W12				
	65	97.00	9.91	15.30
	72	107.10	10.92	17.02
	79	118.00	11.94	18.67
	87	129.50	13.08	20.57
	92	137.00	13.80	21.70
	96	143.00	13.97	22.86
	106	158.00	15.49	25.15
	120	179.00	18.03	28.07
	133	198.00	19.20	31.40
	136	202.40	20.07	31.75
	152	226.20	22.1	35.56
	161	240.00	23.00	37.70
	170	253.00	24.38	39.62
	190	283.00	26.92	44.07
	210	312.50	29.97	48.26
	230	342.30	32.64	52.58
	252	375.00	35.43	57.15
	278	413.70	38.86	62.74
	305	453.90	41.27	68.71
	336	500.00	45.08	75.06

SIZES	WEIGHT		THICKNESS	
	LBS/FT	KG/M	THK 1	THK 2
			mm	mm
W14				
14 X 5				
356 x 127	22	33.00	5.84	8.51
	26	39.00	6.48	10.60
W14				
14 X 6-3/4				
356 x 171	30	45.0	6.86	9.78
	34	51.0	7.24	11.50
	38	57.0	7.87	13.00
	45	67.0	9.10	15.70
W14				
14 X 8				
356 x 203	43	64.0	7.75	13.40
	48	71.4	8.64	15.10
	53	78.9	9.40	16.70
W14				
14 X 10				
356 x 254	61	90.78	9.52	16.30
	68	101.20	10.54	18.36
	74	110.10	11.43	19.94
	82	122.00	12.95	21.72
W14				
14 X 14-1/2				
356 x 368	87	129.00	10.7	17.50
	90	134.00	11.18	18.03
	99	147.30	12.32	19.81
	103	153.00	12.6	20.70
	109	162.20	13.33	21.84
	119	177.00	14.5	23.80
	120	179.00	14.99	23.88
	132	196.40	16.38	26.16
	136	202.00	16.8	27.00
W14				
14 X 16				
356 x 406	145	216.00	17.27	27.69
	158	235.00	18.50	30.20
	159	237.00	18.92	30.23
	176	262.00	21.08	33.27
	193	287.20	22.61	36.58
	211	314.00	24.89	39.62
	228	340.00	26.50	42.90
	233	347.00	27.18	43.69
	257	382.50	29.84	48.01
	264	393.00	30.60	49.20
	283	421.10	32.77	52.58

Universal Beams & Columns

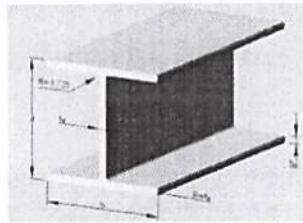
Imperial Unit (Inches)



SIZES	WEIGHT		THICKNESS	
	LBS/FT	KG/M	THK 1	THK 2
			mm	mm
W14 14 X 16 356 x 406	311	463.00	35.81	57.40
	314	467.00	35.90	58.00
	342	509.00	39.12	62.74
	370	551.00	42.04	67.56
	398	592.30	44.96	72.26
	426	634.00	47.62	77.09
	455	677.10	51.18	81.53
	500	744.10	55.63	88.90
	550	818.50	60.45	97.03
	605	900.30	65.91	105.60
	665	989.60	71.88	114.80
	730	1086.00	77.98	124.70
W16 16 X 5-1/2 406 x 140				
	26	39.00	6.35	8.76
	31	46.13	6.98	11.10
W16 16 X 7 406 x 178	36	54.00	7.49	10.90
	40	60.00	7.75	12.80
	45	67.00	8.76	14.30
	50	74.41	9.65	16.00
	57	85.00	10.92	18.16
W16 16 X 10-1/4 406 x 260	67	99.71	10.03	16.89
	77	114.60	11.56	19.30
	89	132.40	13.33	22.22
	100	148.80	14.86	25.02
W18 18 X 6 457 x 152	35	52.09	7.62	10.80
	40	60.00	8.00	13.30
	45	67.00	9.10	15.00
	46	68.46	9.14	15.30
	50	74.00	9.90	17.00
	55	82.00	10.70	18.90
W18 18 X 7-1/2 457 x 191	45	67.00	8.50	12.70
	50	74.41	9.02	14.40
	55	82.00	9.91	16.00
	60	89.29	10.54	17.65
	65	97.00	11.43	19.05
	66	98.00	11.40	19.60
	71	106.0	12.57	20.57
W18 18 X 11 457 x 279	76	113.10	10.80	17.27
	86	128.00	12.19	19.56
	97	144.40	13.59	22.10
	106	157.70	14.99	23.88
	119	177.10	16.64	26.92
W21 21 X 6-1/2 533 x 165	44	66.0	8.89	11.40
	50	74.41	9.65	13.50
	57	85.00	10.29	16.51
W21 21 X 8-1/4 533 x 210	55	82.00	9.60	13.20
	62	92.27	10.16	15.62
	68	101.20	10.92	17.40
	73	109.00	11.56	18.80
	82	122.00	12.80	21.30
	83	123.50	13.08	21.21
	93	138.40	14.73	23.62
W21 21 X 12-1/4 533 x 311	101	150.30	12.70	20.32
	111	165.20	13.97	22.22
	122	181.60	15.24	24.38
	132	196.40	16.51	26.29
	147	218.80	18.29	29.21
W24 24 X 7 610 x 178	55	82.00	10.03	12.83
	61	91.00	10.60	15.00
	62	92.27	10.92	14.99
W24 24 X 9 610 x 229	68	101.20	10.54	14.86
	76	113.10	11.18	17.27
	84	125.00	11.94	19.56
	94	140.00	13.08	22.22
W24 24 X 12 610 x 305	100	149.00	11.90	19.70
	120	179.00	14.10	23.60
	160	238.00	18.60	31.40

Universal Beams & Columns

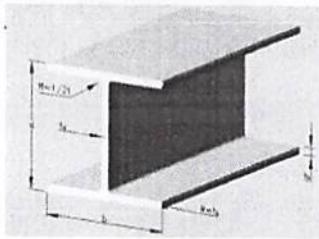
Imperial Unit (Inches)



<u>SIZES</u>	<u>WEIGHT</u>		<u>THICKNESS</u>		<u>SIZES</u>	<u>WEIGHT</u>		<u>THICKNESS</u>	
	LBS/FT	KG/M	THK 1	THK 2		LBS/FT	KG/M	THK 1	THK 2
			mm	mm					
W24 24 X 12-3/4 610 X 324					W 36 36 X 12 914 x 305	135	201.00	15.24	20.07
	104	154.80	12.70	19.05		150	224.00	15.87	23.88
	117	174.10	13.97	21.59		160	238.10	16.51	25.91
	131	194.90	15.37	24.38		170	253.00	17.27	27.94
	146	217.30	16.51	27.69		182	271.00	18.41	29.97
	162	241.10	17.91	30.99		194	289.00	19.43	32.00
						210	313.00	21.08	34.54
W27 27 X 10 686 x 254					W 36 36 X 16-1/2 914 x 419				
	84	125.00	11.68	16.26		230	343.30	19.40	32.00
	94	140.00	12.45	18.92		245	364.60	20.30	34.30
	102	152.00	13.08	21.08		260	388.00	21.40	36.60
	114	170.00	14.48	23.62		280	416.70	22.50	39.90
						300	446.40	24.00	42.70
W27 27 X 14 686 x 356						328	488.10	25.90	47.00
	146	217.30	15.37	24.76		359	534.20	28.50	51.10
	161	239.60	16.76	27.43		393	584.80	31.00	55.90
	178	264.90	18.41	30.23		439	653.00	34.50	62.00
						527	784.00	40.90	73.90
W30 30 X 10-1/2 762 x 267						650	967.00	50.00	89.90
	99	147.30	13.21	17.02	W 40 40 X 12 1016 x 305				
	108	161.00	13.84	19.30		149	222.00	16.00	21.10
	116	173.00	14.35	21.59		167	249.00	16.50	26.00
	124	185.00	14.86	23.62		183	272.00	16.50	31.00
	132	197.00	15.62	25.40		211	314.00	19.10	35.90
						235	349.00	21.10	40.00
W30 30 X 15 762 x 381						264	393.00	24.40	43.90
	173	257.50	16.64	27.05		278	415.00	26.00	46.00
	191	284.20	18.03	30.10		294	438.00	26.90	49.00
	211	314.00	19.68	33.40		327	487.00	30.00	54.10
						331	494.00	31.00	54.00
W33 33 X 11-1/2 838 x 292						359	535.00	33.00	58.90
	118	176.00	13.97	18.80		392	584.00	36.00	64.00
	130	194.00	14.73	21.72	W 40 40 X 16 1016 x 406				
	141	210.00	15.37	24.38		199	296.00	27.10	16.50
	152	226.20	16.13	26.80		215	321.00	31.00	16.50
						249	371.00	36.10	19.00
W33 33 X 15-3/4 838 x 400						277	412.00	40.00	21.10
	201	299.10	18.16	29.21		297	443.00	41.90	23.60
	221	328.90	19.68	32.38		324	483.00	46.00	25.40
	241	358.60	21.08	35.56		362	539.00	51.10	28.40
						397	591.00	55.90	31.00
						431	642.00	60.00	34.00
						503	748.00	70.00	39.00
						593	883.00	82.00	45.50

Universal Beams & Columns

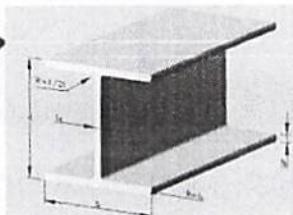
MM Size Imperial Unit (Metric Unit)



<u>SIZES</u>	<u>WEIGHT</u>		<u>THICKNESS</u>		<u>SIZES</u>	<u>WEIGHT</u>		<u>THICKNESS</u>	
	A X B	KG/M	THK 1	THK 2		A X B	KG/M	THK 1	THK 2
100 x 50			mm	mm	200 x 150			6.00	9.00
	100 x 50	9.30	5.00	7.00		194 x 150	30.60	6.00	9.00
						198 x 151	36.90	7.00	11.00
100 x 100	100 x 100	16.90	6.00	8.00	200 x 200			6.50	10.00
	100 x 100	17.20	8.00	8.00		196 x 199	41.40	8.00	12.00
						200 x 200	49.90	9.00	14.00
125 X 125	125 x 125	23.60	6.50	9.00		204 x 201	57.80	10.00	16.00
150 x 75	150 x 75	14.00	5.00	7.00	250 x 125				
150 x 100	148 x 100	20.70	6.00	9.00		248 x 124	25.10	5.00	8.00
		21.10	6.00	9.00		248 x 124	25.70	5.00	8.00
						250 x 125	29.00	6.00	9.00
150 x 150	150 x 150	31.10	7.00	10.00		250 x 125	29.60	6.00	9.00
		31.50	7.00	10.00	250 x 175				
		37.40	8.00	12.00		244 x 175	43.60	7.00	11.00
						244 x 175	44.10	7.00	11.00
175 x 90	175 x 90	18.00	5.00	8.00		248 x 176	51.60	8.00	13.00
		18.10	5.00	8.00		252 x 177	59.10	9.00	15.00
					250 x 250				
175 x 125	169 x 125	23.30	5.50	8.00		248 x 249	66.50	8.00	13.00
175 x 175	175 x 175	32.80	6.00	9.00		250 x 250	71.80	9.00	14.00
		40.20	7.50	11.00		250 x 250	72.40	9.00	14.00
		40.40	7.50	11.00		260 x 253	98.10	12.00	19.00
					300 x 150				
200 x 100	198 x 99	17.80	4.50	7.00		294 x 148	25.00	4.50	6.00
		18.20	4.50	7.00		298 x 149	32.00	5.50	8.00
		20.90	5.50	8.00		300 x 150	36.70	6.50	9.00
		21.30	5.50	8.00		304 x 150	41.40	6.50	11.00
						306 x 151	46.20	7.50	12.00
200 x 100						318 x 154	69.00	11.00	18.00
	200 x 100				300 x 200				
						290 x 199	48.30	7.00	10.00
						294 x 200	55.80	8.00	12.00
						294 x 200	56.80	8.00	12.00
						298 x 201	65.40	9.00	14.00
						304 x 202	77.30	10.00	17.00

Universal Beams & Columns

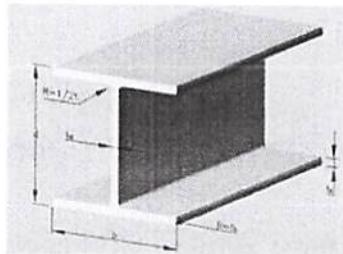
MM Size Imperial Unit (Metric Unit)



<u>SIZES</u>	<u>WEIGHT</u>		<u>THICKNESS</u>		<u>SIZES</u>	<u>WEIGHT</u>		<u>THICKNESS</u>	
	<u>A X B</u>	<u>KG/M</u>	<u>THK 1</u>	<u>THK 2</u>		<u>A X B</u>	<u>KG/M</u>	<u>THK 1</u>	<u>THK 2</u>
			<u>mm</u>	<u>mm</u>				<u>mm</u>	<u>mm</u>
300 x 300	298 x 299	87.00	9.00	14.00	400 x 300	386 x 299	94.30	9.00	14.00
	300 x 300	93.00	10.00	15.00		390 x 300	105.00	10.00	16.00
	300 x 300	94.00	10.00	15.00		390 x 300	107.00	10.00	16.00
	304 x 301	106.00	11.00	17.00		396 x 302	127.00	12.00	19.00
	310 x 303	125.00	13.00	20.00		402 x 303	144.00	13.00	22.00
	310 x 305	130.00	15.00	20.00					
	312 x 310	147.00	20.00	21.00					
350 x 175	346 x 174	41.20	6.00	9.00	400 x 400	388 x 402	140.00	15.00	15.00
	346 x 174	41.40	6.00	9.00		394 x 398	147.00	11.00	18.00
	350 x 175	49.40	7.00	11.00		400 x 400	172.00	13.00	21.00
	350 x 175	49.60	7.00	11.00		406 x 403	200.00	16.00	24.00
	354 x 176	57.80	8.00	13.00		414 x 405	232.00	18.00	28.00
	358 x 177	66.20	9.00	15.00		428 x 407	283.00	20.00	35.00
	360 x 178	71.80	10.00	16.00		458 x 417	415.00	30.00	50.00
	364 x 177	79.70	11.00	18.00		498 x 432	605.00	45.00	70.00
350 x 250									
	336 x 249	69.20	8.00	12.00	450 x 200	446 x 199	65.10	8.00	12.00
	340 x 250	78.10	9.00	14.00		446 x 199	66.20	8.00	12.00
	340 x 250	79.70	9.00	14.00		450 x 200	74.90	9.00	14.00
	346 x 251	94.20	10.00	17.00		450 x 200	76.00	9.00	14.00
	350 x 253	108.00	12.00	19.00		456 x 201	88.9	10.00	17.00
350 x 350						460 x 202	98.90	11.00	19.00
	344 x 348	113.00	10.00	16.00		460 x 205	110.00	14.00	19.00
	344 x 354	115.00	10.00	16.00					
	350 x 350	135.00	12.00	19.00					
	350 x 350	137.00	12.00	19.00	450 x 300	434 x 299	106.00	10.00	15.00
	356 x 352	159.00	14.00	22.00		440 x 300	121.00	11.00	18.00
	362 x 354	181.00	16.00	25.00		440 x 300	124.00	11.00	18.00
						446 x 302	145.00	13.00	21.00
400 x 200									
	396 x 199	56.10	7.00	11.00	500 x 200	496 x 199	77.90	9.00	14.00
	396 x 199	56.60	7.00	11.00		496 x 199	79.50	9.00	14.00
	400 x 200	65.40	8.00	13.00		500 x 200	88.20	10.00	16.00
	400 x 200	66.00	8.00	13.00		500 x 200	89.60	10.00	16.00
	404 x 201	75.50	9.00	15.00		506 x 201	102.00	11.00	19.00
	410 x 202	88.20	10.00	18.00		506 x 201	103.00	11.00	19.00
	430 x 208	140.00	16.00	28.00		512 x 202	117.00	12.00	22.00
	446 x 214	187.00	22.00	36.00					

Universal Beams & Columns

MM Size Imperial Unit (Metric Unit)



<u>SIZES</u>	<u>WEIGHT</u>		<u>THICKNESS</u>	
500 x 300				
	482 x 300	111.00	11.00	15.00
	482 x 300	114.00	11.00	15.00
	488 x 300	125.00	11.00	18.00
	488 x 300	128.00	11.00	18.00
	494 x 302	150.00	13.00	21.00
600 x 200				
	592 x 197	79.00	8.00	13.00
	596 x 199	92.50	10.00	15.00
	596 x 199	94.60	10.00	15.00
	600 x 200	103.00	11.00	17.00
	600 x 200	106.00	11.00	17.00
	606 x 201	118.00	12.00	20.00
	606 x 201	120.00	12.00	20.00
	612 x 202	134.00	13.00	23.00
600 x 300				
	582 x 300	133.00	12.00	17.00
	582 x 300	137.00	12.00	17.00
	588 x 300	147.00	12.00	20.00
	588 x 300	151.00	12.00	20.00
	594 x 302	170.00	14.00	23.00
	594 x 302	175.00	14.00	23.00
	602 x 304	203.00	16.00	27.00
	608 x 304	217.00	16.00	30.00
700 x 300				
	692 x 300	166.00	13.00	20.00
	700 x 300	182.00	13.00	24.00
	700 x 300	185.00	13.00	24.00
	708 x 302	215.00	15.00	28.00

<u>SIZES</u>	<u>WEIGHT</u>	<u>THICKNESS</u>		
	A X B	KG/M	THK 1	THK 2
			mm	mm
800 x 300				
	792 x 300	191.00	14.00	22.00
	800 x 300	207.00	14.00	26.00
	800 x 300	210.00	14.00	26.00
	808 x 302	241.00	16.00	30.00
	816 x 303	267.00	17.00	34.00
900 x 300				
	890 x 299	210.00	15.00	23.00
	890 x 299	213.00	15.00	23.00
	900 x 300	240.00	16.00	28.00
	900 x 300	243.00	16.00	28.00
	912 x 302	283.00	18.00	34.00
	912 x 302	286.00	18.00	34.00
	918 x 303	304.00	19.00	37.00
	918 x 303	307.00	19.00	37.00