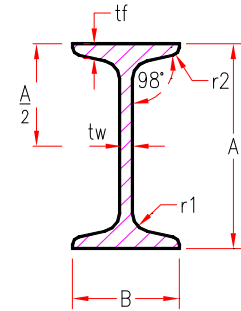




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I-BEAM

Dimensions (mm.)						Sectional Area (cm ²)	Weight (kg/m.)	Moment of Inertia (cm ⁴)		Radius of Gyration (cm)		Modulus of Section (cm ³)	
A	B	t1	t2	r1	r2			Ix	Iy	rx	ry	Sx	Sy
100	75	5	8	7	3.5	16.43	12.9	281	47.3	4.14	1.7	56.2	12.6
125	75	5.5	9.5	9	4.5	20.45	16.1	538	57.5	5.13	1.68	86	15.3
150	75	5.5	9.5	9	4.5	21.83	17.1	819	57.5	6.12	1.62	109	15.3
150	125	8.5	14	13	6.5	46.15	36.2	1760	385	6.18	2.89	235	61.6
180	100	6	10	10	5	30.06	23.6	1670	138	7.45	2.14	186	27.5
200	100	7	10	10	5	33.06	26	2170	138	8.11	2.05	217	27.7
200	150	9	16	15	7.5	64.16	50.4	4460	753	8.34	3.43	446	10
250	125	7.5	12.5	12	6	48.79	38.3	5180	337	10.3	2.63	414	53.9
250	125	10	19	21	10.5	70.73	55.5	7310	538	10.2	2.76	585	86
300	150	8	13	12	6	61.58	48.3	9480	588	12.4	3.09	632	78.4
300	150	10	18.5	19	9.5	83.47	65.5	12700	886	12.3	3.26	849	118
300	150	11.5	22	23	11.5	97.88	76.8	14700	1080	12.2	3.32	978	143
350	150	9	15	13	6.5	74.58	58.5	15200	702	14.3	3.07	870	93.5
350	150	12	24	25	12.5	111.1	87.2	22400	1180	14.2	3.26	1280	158
400	150	10	18	17	8.5	91.73	72	21400	864	16.2	3.07	1200	115
400	150	12.5	25	27	13.5	122.1	95.8	31700	1240	16.1	3.18	1580	165
450	175	11	20	19	9.5	116.8	91.7	39200	1510	18.3	3.6	1740	173
450	175	13	26	27	13.5	146.1	115	48800	2020	18.3	3.72	2170	231
600	190	13	25	25	12.5	169.4	133	98400	2460	24.1	3.81	3280	259
600	190	16	35	38	19	224.5	176	130000	3540	24.1	3.97	4330	373