

IPE beam weight chart

Dimensions, weight per metre and second moments of area of European IPE beams, IPE 80 to IPE 600.

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)
IPE 80	80	46	3.8	5.2	6.00	4.03	7.64	80.10	8.50	20.03
IPE 100	100	55	4.1	5.7	8.10	5.44	10.32	171	15.90	34.20
IPE 120	120	64	4.4	6.3	10.37	6.97	13.21	318	27.70	52.95
IPE 140	140	73	4.7	6.9	12.89	8.66	16.43	541	44.90	77.31
IPE 160	160	82	5	7.4	15.77	10.60	20.09	869	68.30	109
IPE 180	180	91	5.3	8	18.80	12.63	23.95	1,317	101	146
IPE 200	200	100	5.6	8.5	22.36	15.03	28.48	1,943	142	194
IPE 220	220	110	5.9	9.2	26.20	17.61	33.37	2,772	205	252
IPE 240	240	120	6.2	9.8	30.71	20.64	39.12	3,892	284	324
IPE 270	270	135	6.6	10.2	36.07	24.24	45.95	5,790	420	429
IPE 300	300	150	7.1	10.7	42.24	28.38	53.81	8,356	604	557
IPE 330	330	160	7.5	11.5	49.15	33.03	62.61	11,767	788	713
IPE 360	360	170	8	12.7	57.09	38.36	72.73	16,265	1,043	904
IPE 400	400	180	8.6	13.5	66.30	44.55	84.46	23,128	1,317	1,156
IPE 450	450	190	9.4	14.6	77.57	52.12	98.82	33,742	1,675	1,500
IPE 500	500	200	10.2	16	90.68	60.93	115.52	48,198	2,141	1,928
IPE 550	550	210	11.1	17.2	105.52	70.91	134.42	67,116	2,667	2,441
IPE 600	600	220	12	19	122.45	82.28	155.98	92,083	3,386	3,069

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