



Technical data of sections IPE

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European beams with parallel flanges

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Designation	G kg/m	Dimensions						Section properties							
		H mm	B mm	Tw mm	Tf mm	R mm	I cm ²	Strong axis				Weak axis			
								ly cm ⁴	Wely cm ³	Wply cm ³	Iy cm	Iz cm ⁴	Welz cm ³	Wplz cm ³	Iz cm
IPE A 80	5.0	78.0	46	3.3	4.2	5	6.38	64	16.51	18.97	3.18	6.85	2.98	4.69	1.04
IPE 80	6.0	80.0	46	3.8	5.2	5	7.64	80	20.03	23.21	3.24	8.49	3.69	5.82	1.05
IPE A 100	6.9	98.0	55	3.6	4.7	7	8.78	141	28.82	32.98	4.01	13.12	4.77	7.54	1.22
IPE 100	8.1	100.0	55	4.1	5.7	7	10.32	171	34.20	39.40	4.07	15.92	5.79	9.15	1.24
IPE A 120	8.7	117.6	64	3.8	5.1	7	11.03	257	43.78	49.87	4.83	22.39	7.00	10.98	1.42
IPE 120	10.4	120.0	64	4.4	6.3	7	13.21	318	52.97	60.72	4.90	27.67	8.65	13.58	1.45
IPE A 140	10.5	137.4	73	3.8	5.6	7	13.39	435	63.30	71.59	5.70	36.42	9.98	15.52	1.65
IPE 140	12.9	140.0	73	4.7	6.9	7	16.43	541	77.31	88.34	5.74	44.92	12.31	19.25	1.65
IPE A 160	12.7	157.0	82	4.0	5.9	9	16.18	689	87.81	99.09	6.53	54.43	13.28	20.70	1.83
IPE 160	15.8	160.0	82	5.0	7.4	9	20.09	869	108.66	123.86	6.58	68.32	16.66	26.10	1.84
IPE A 180	15.4	177.0	91	4.3	6.5	9	19.58	1,063	120.11	135.32	7.37	81.89	18.00	27.96	2.04
IPE 180	18.8	180.0	91	5.3	8.0	9	23.95	1,317	146.33	166.41	7.42	100.85	22.16	34.60	2.05
IPE O 180	21.3	182.0	92	6.0	9.0	9	27.10	1,505	165.38	189.15	7.45	117.29	25.50	39.91	2.08
IPE A 200	18.4	197.0	100	4.5	7.0	12	23.47	1,592	161.62	181.65	8.24	117.17	23.43	36.54	2.23
IPE 200	22.4	200.0	100	5.6	8.5	12	28.48	1,943	194.30	220.64	8.26	142.37	28.47	44.61	2.24
IPE O 200	25.1	202.0	102	6.2	9.5	12	31.96	2,211	218.91	249.42	8.32	168.86	33.11	51.89	2.30
IPE A 220	22.2	217.0	110	5.0	7.7	12	28.26	2,317	213.55	240.21	9.05	171.42	31.17	48.49	2.46
IPE 220	26.2	220.0	110	5.9	9.2	12	33.37	2,772	252.00	285.41	9.11	204.89	37.25	58.11	2.48

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IPE O 220	29.4	222.0	112	6.6	10.2	12	37.39	3,134	282.34	321.15	9.16	239.83	42.83	66.91	2.53
IPE A 240	26.1	237.0	120	5.2	8.3	15	33.31	3,291	277.72	311.58	9.94	240.14	40.02	62.40	2.68
IPE 240	30.7	240.0	120	6.2	9.8	15	39.12	3,892	324.33	366.65	9.97	283.63	47.27	73.93	2.69
IPE O 240	34.3	242.0	122	7.0	10.8	15	43.71	4,369	361.07	410.28	10.00	328.54	53.86	84.40	2.74
IPE A 270	30.7	267.0	135	5.5	8.7	15	39.15	4,917	368.31	412.50	11.21	357.97	53.03	82.35	3.02
IPE 270	36.1	270.0	135	6.6	10.2	15	45.95	5,790	428.89	484.00	11.23	419.87	62.20	96.95	3.02
IPE O 270	42.3	274.0	136	7.5	12.2	15	53.84	6,947	507.08	574.65	11.36	513.48	75.51	117.71	3.09
IPE A 300	36.5	297.0	150	6.1	9.2	15	46.53	7,174	483.10	541.80	12.42	518.97	69.20	107.33	3.34
IPE 300	42.2	300.0	150	7.1	10.7	15	53.81	8,356	557.07	628.36	12.46	603.78	80.50	125.22	3.35
IPE O 300	49.3	304.0	152	8.0	12.7	15	62.83	9,994	657.50	743.83	12.61	745.72	98.12	152.59	3.44
IPE A 330	43.0	327.0	160	6.5	10.0	18	54.74	10,231	625.75	701.94	13.67	685.16	85.65	133.27	3.54
IPE 330	49.1	330.0	160	7.5	11.5	18	62.61	11,767	713.15	804.34	13.71	788.14	98.52	153.68	3.55
IPE O 330	57.0	334.0	162	8.5	13.5	18	72.62	13,910	832.93	942.80	13.84	960.38	118.57	185.00	3.64
IPE A 360	50.2	357.6	170	6.6	11.5	18	63.97	14,515	811.80	906.78	15.06	944.27	111.09	171.86	3.84
IPE 360	57.1	360.0	170	8.0	12.7	18	72.73	16,266	903.67	1,019.16	14.95	1,043.45	122.76	191.10	3.79
IPE O 360	66.0	364.0	172	9.2	14.7	18	84.13	19,048	1,046.59	1,186.10	15.05	1,251.22	145.49	226.92	3.86
IPE A 400	57.4	397.0	180	7.0	12.0	21	73.10	20,293	1,022.32	1,143.93	16.66	1,170.59	130.07	202.07	4.00
IPE 400	66.3	400.0	180	8.6	13.5	21	84.47	23,128	1,156.40	1,307.17	16.55	1,317.82	146.42	229.01	3.95
IPE O 400	75.7	404.0	182	9.7	15.5	21	96.39	26,747	1,324.11	1,502.20	16.66	1,564.25	171.90	269.10	4.03

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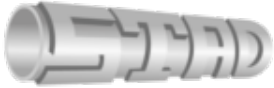
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IPE A 450	67.2	447.0	190	7.6	13.1	21	85.55	29,759	1,331.50	1,494.32	18.65	1,502.40	158.15	245.75	4.19
IPE 450	77.6	450.0	190	9.4	14.6	21	98.82	33,743	1,499.69	1,701.82	18.48	1,675.86	176.41	276.39	4.12
IPE O 450	92.4	456.0	192	11.0	17.6	21	117.66	40,923	1,794.87	2,046.30	18.65	2,085.37	217.23	341.00	4.21
IPE V 450	103.6	460.0	194	12.4	19.6	21	132.01	46,201	2,008.74	2,301.41	18.71	2,396.88	247.10	389.14	4.26
IPE A 500	79.4	497.0	200	8.4	14.5	21	101.10	42,933	1,727.69	1,946.04	20.61	1,939.22	193.92	301.63	4.38
IPE 500	90.7	500.0	200	10.2	16.0	21	115.52	48,199	1,927.96	2,194.15	20.43	2,141.69	214.17	335.88	4.31
IPE O 500	107.3	506.0	202	12.0	19.0	21	136.71	57,777	2,283.68	2,613.02	20.56	2,621.75	259.58	408.54	4.38
IPE 500 x 192	191.8	538.0	210	20.0	35.0	21	244.39	112,206	4,171.23	4,879.01	21.43	5,442.21	518.31	824.12	4.72
IPE A 550	92.1	547.0	210	9.0	15.7	24	117.29	59,979	2,193.02	2,474.71	22.61	2,432.23	231.64	361.51	4.55
IPE 550	105.5	550.0	210	11.1	17.2	24	134.42	67,117	2,440.62	2,787.06	22.35	2,667.58	254.06	400.54	4.45
IPE O 550	122.5	556.0	212	12.7	20.2	24	156.08	79,157	2,847.37	3,263.43	22.52	3,224.38	304.19	480.52	4.55
IPE V 550	158.6	566.0	216	17.1	25.2	24	201.98	102,339	3,616.22	4,205.03	22.51	4,264.68	394.88	632.44	4.59
IPE A 600	107.6	597.0	220	9.8	17.5	24	137.02	82,919	2,777.86	3,141.24	24.60	3,116.28	283.30	442.07	4.77
IPE 600	122.5	600.0	220	12.0	19.0	24	155.99	92,083	3,069.43	3,512.46	24.30	3,387.34	307.94	485.66	4.66
IPE R 600	144.4	608.0	218	14.0	23.0	24	183.91	110,306	3,628.49	4,174.99	24.49	3,992.83	366.31	580.18	4.66
IPE O 600	154.5	610.0	224	15.0	24.0	24	196.77	118,302	3,878.75	4,471.10	24.52	4,520.75	403.64	640.09	4.79
IPE 600 x 216	216.3	632.0	230	19.5	35.0	24	275.54	176,221	5,576.61	6,481.94	25.29	7,144.43	621.25	986.65	5.09
IPE 600 x 241	240.5	640.0	228	22.0	39.0	24	306.43	197,115	6,159.84	7,217.58	25.36	7,768.13	681.41	1,089.79	5.03
IPE 750 x 134	133.9	750.0	264	12.0	15.5	17	170.60	150,705	4,018.80	4,644.74	29.72	4,766.25	361.08	568.46	5.29
IPE 750 x 137	137.1	753.0	263	11.5	17.0	17	174.59	159,878	4,246.43	4,865.20	30.26	5,165.87	392.84	614.08	5.44

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IPE 750 x 147	147.2	753.0	265	13.2	17.0	17	187.49	166,064	4,410.73	5,109.93	29.76	5,289.44	399.20	630.81	5.31
IPE 750 x 173	173.7	762.0	267	14.4	21.6	17	221.33	205,825	5,402.23	6,218.31	30.50	6,873.44	514.86	809.91	5.57
IPE 750 x 196	196.9	770.0	268	15.6	25.4	17	250.82	240,280	6,241.04	7,174.22	30.95	8,175.02	610.08	958.80	5.71
IPE 750 x 210	210.1	775.0	268	16.0	28.0	17	267.60	262,161	6,765.45	7,761.61	31.30	9,011.04	672.47	1,054.48	5.80

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