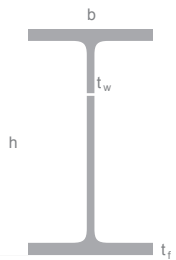


Product Technical Data Sheet

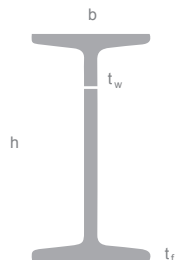
Structural Steel Sections

IPE Sections



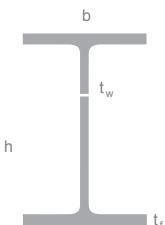
Designation	Dimensions							Dimensions for detailing	
G	h	b	t _w	t _f	r ₁	r ₂	A	Ø	
kg/m	mm	mm	mm	mm	mm	mm	mm ²		
IPE 80	6.000	80	46	3.8	5.2	5	-	7.64	-
IPE 100	8.100	100	55	4.1	5.7	7	-	10.3	-
IPE 120	10.400	120	64	4.4	6.3	7	-	13.2	-
IPE 200	22.400	200	100	5.6	8.5	12	-	28.5	M10
IPE 220	26.200	220	110	5.9	9.2	12	-	33.4	M12
IPE 240	30.700	240	120	6.2	9.8	15	-	39.1	M12
IPE 270	36.1	270	135	6.6	10.2	15	-	45.9	M16
IPE 300	42.2	300	150	7.1	10.7	15	-	53.8	- M16
IPE 360	57.1	360	170	8	12.7	18	-	72.7	M22
IPE 400	66.3	400	180	8.6	13.5	21	-	84.5	M22
IPE 450	77.6	450	190	9.4	14.6	21	-	98.8	M24
IPE 550	106	550	210	11.1	17.2	24	-	134	M24
IPE 600	122	600	220	12	19	24	-	156	M27

IPN Sections



Designation	Dimensions							Dimensions for detailing	
G	h	b	t _w	t _f	r ₁	r ₂	A	Ø	
kg/m	mm	mm	mm	mm	mm	mm	mm ²		
IPN 120	11.1	120	58	5.1	7.7	5.1	3.1	14.2	-
IPN 160	17.9	160	74	6.3	9.5	6.3	3.8	22.8	-
IPN 180	21.9	180	82	6.9	10.4	6.9	4.1	27.9	-
IPN 200	26.2	200	90	7.5	11.3	7.5	4.5	33.4	-
IPN 220	31.1	220	98	8.1	12.2	8.1	4.9	39.5	M 10
IPN 240	36.2	240	106	8.7	13.1	8.7	5.2	46.1	M 10
IPN 260	41.9	260	113	9.4	14.1	9.4	5.6	53.3	M 12
IPN 300	54.2	300	125	10.8	16.2	10.8	6.5	69	- M 12
IPN 340	68	340	137	12.2	18.3	12.2	7.3	86.7	M 12
IPN 360	76.1	360	143	13	19.5	13	7.8	97	M 12
IPN 400	92.4	400	155	14.4	21.6	14.4	8.6	118	M 16

IPEO Sections

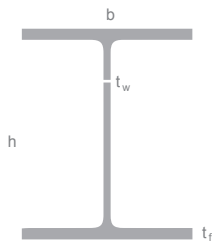


Designation	Dimensions							Dimensions for detailing	
G	h	b	t _w	t _f	r ₁	r ₂	A		
kg/m	mm	mm	mm	mm	mm	mm	mm ²		
IPEO 240	34.3	242	122	7	10.8	15	-	43.7	
IPEO 330	57	334	162	8.5	13.5	18	-	72.6	
IPEO 600	154	610	224	15	24	24	-	197	

Product Technical Data Sheet

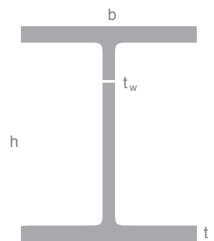
Structural Steel Sections

HEA Sections



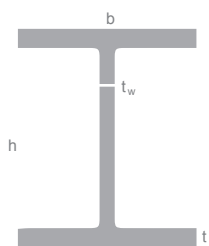
Designation	Dimensions							Dimensions for detailing	
	G	h	b	t _w	t _f	r ₁	r ₂	A	Ø
	kg/m	mm	mm	mm	mm	mm	mm	mm ²	
HEA 100	16.7	96	100	5	8	12	-	21.2	M10
HEA 120	19.9	114	120	5	8	12	-	25.3	M12
HEA 160	30.4	152	160	6	9	15	-	38.8	M20
HEA 180	35.5	171	180	6	9.5	15	-	45.3	M24
HEA 200	42.3	190	200	6.5	10	18	-	53.8	M27
HEA 220	50.5	210	220	7	11	18	-	64.3	M27
HEA 260	68.2	250	260	7.5	12.5	24	-	86.8	M27
HEA 280	76.4	270	280	8	13	24	-	97.3	- M27
HEA 300	88.3	290	300	8.5	14	27	-	112.5	M27

HEB Sections



Designation	Dimensions							Dimensions for detailing	
	G	h	b	t _w	t _f	r ₁	r ₂	A	Ø
	kg/m	mm	mm	mm	mm	mm	mm	mm ²	
HEB 100	20.4	100	100	6	10	12	-	26	M10
HEB 120	26.7	120	120	6.5	11	12	-	34	M12
HEB 140	33.7	140	140	7	12	12	-	43	M16
HEB 160	42.6	160	160	8	13	15	-	54.3	M20
HEB 180	51.2	180	180	8.5	14	15	-	65.3	M24
HEB 200	61.3	200	200	9	15	18	-	78.1	M27
HEB 220	71.5	220	220	9.5	16	18	-	91	M27
HEB 240	83.2	240	240	10	17	21	-	106	- M27
HEB 260	93	260	260	10	17.5	24	-	118.4	M27
HEB 280	103	280	280	10.5	18	24	-	131.4	M27
HEB 300	117	300	300	11	19	27	-	149.1	M27
HEB 340	134	340	300	12	21.5	27	-	170.9	M27
HEB 360	142	360	300	12.5	22.5	27	-	180.6	M27
HEB 400	155	400	300	13.5	24	27	-	197.8	M27
HEB 450	171	450	300	14	26	27	-	218	M27
HEB 550	199	550	300	15	29	27	-	254.1	M27
HEB 600	212	600	300	15.5	30	27	-	270	M27

HEM Sections



Designation	Dimensions							Dimensions for detailing	
	G	h	b	t _w	t _f	r ₁	r ₂	A	
	kg/m	mm	mm	mm	mm	mm	mm	mm ²	
HEM 260	172	290	268	18	32.5	24	-	219.6	M27