

Library of Steel Beam sections according to EN.

Although I have tried to be careful when building it, it is a large collection and may contain some dimensional error.

Please, always check when using it and specially if it's use may affect machinery or structures where could be involved people's life.

Use at Your Own Risk

Biblioteca de perfiles de vigas de acero según EN.

Aunque he tratado de tener cuidado al construirlo, es una colección grande y puede contener algún error dimensional.

Por favor, verifique siempre al usarlo y especialmente si su uso puede afectar maquinaria o estructuras donde pueda estar involucrada la vida de las personas.

Úselo bajo su propio riesgo

NORM

Dimensions: EN 10365:2017  
Tolerances: EN 10034: 1993  
Surface condition: according to EN 10163-3: 2004, class C, subclass 1

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Tolerances: EN 10034: 1993  
Surface condition: according to EN 10163-3: 2004, class C, subclass 1

Flange slope: 14% Dimensions: EN 10365:2017  
Tolerances: EN 10024: 1995  
Surface condition: according to EN 10163-3: 2004, class C, subclass 1

Dimensions: EN 10365: 2017  
Tolerances: EN 10279: 2000  
Surface condition: according to EN 10163-3: 2004, class C, subclass 1

Dimensions: EN 10365: 2017  
Tolerances: EN 10279: 2000  
Surface condition: according to EN 10163-3: 2004, class C, subclass 1

N° OBJECTS	IPE	HP	HD	HL	HE (HEA, HEB, HEM)	IPN	UPE	UPN
1	IPE 750 x 196	HP 400 x 231	HD 400 x 1299	HL 1100 R	HE 1000 x 584	IPN 600	UPE 400	UPN 400
2	IPE 750 x 173	HP 400 x 213	HD 400 x 1202	HL 1100 M	HE 1000 x 494	IPN 550	UPE 360	UPN 380
3	IPE 750 x 147	HP 400 x 194	HD 400 x 1086	HL 1100 B	HE 1000 x 438	IPN 500	UPE 330	UPN 350
4	IPE 750 x 134	HP 400 x 176	HD 400 x 990	HL 1100 A	HE 1000 x 415	IPN 450	UPE 300	UPN 320
5	IPE O 600	HP 400 x 158	HD 400 x 900	HL 1000 x 976	HE 1000 x 393	IPN 400	UPE 270	UPN 300
6	IPE 600	HP 400 x 140	HD 400 x 818	HL 1000 x 883	HE 1000 M	IPN 380	UPE 240	UPN 280
7	IPE A 600	HP 400 x 122	HD 400 x 744	HL 1000 x 748	HE 1000 B	IPN 360	UPE 220	UPN 260
8	IPE O 550	HP 360 x 180	HD 400 x 677	HL 1000 x 642	HE 1000 A	IPN 340	UPE 200	UPN 240
9	IPE 550	HP 360 x 174	HD 400 x 634	HL 1000 x 591	HE 1000 x 249	IPN 320	UPE 180	UPN 220
10	IPE A 550	HP 360 x 152	HD 400 x 592	HL 1000 x 554	HE 1000 AA	IPN 300	UPE 160	UPN 200
11	IPE O 500	HP 360 x 133	HD 400 x 551	HL 1000 x 539	HE 900 x 466	IPN 280	UPE 140	UPN 180
12	IPE 500	HP 360 x 109	HD 400 x 509	HL 1000 x 483	HE 900 x 391	IPN 260	UPE 120	UPN 160
13	IPE A 500	HP 320 x 184	HD 400 x 463	HL 1000 x 443	HE 900 M	IPN 240	UPE 100	UPN 140
14	IPE O 450	HP 320 x 147	HD 400 x 421	HL 1000 M	HE 900 B	IPN 220	UPE 80	UPN 120
15	IPE 450	HP 320 x 117	HD 400 x 382	HL 1000 B	HE 900 A	IPN 200		UPN 100
16	IPE A 450	HP 320 x 103	HD 400 x 347	HL 1000 A	HE 900 AA	IPN 180		UPN 80
17	IPE O 400	HP 320 x 88	HD 400 x 314	HL 1000 AA	HE 800 x 444	IPN 160		UPN 65
18	IPE 400	HP 305 x 223	HD 400 x 287	HL 920 x 1377	HE 800 x 373	IPN 140		UPN 50
19	IPE A 400	HP 305 x 186	HD 400 x 262	HL 920 x 1269	HE 800 M	IPN 120		
20	IPE O 360	HP 305 x 180	HD 400 x 237	HL 920 x 1194	HE 800 B	IPN 100		
21	IPE 360	HP 305 x 149	HD 400 x 216	HL 920 x 1077	HE 800 A	IPN 80		
22	IPE A 360	HP 305 x 126	HD 400 x 187	HL 920 x 970	HE 800 AA			
23	IPE O 330	HP 305 x 110	HD 360 x 196	HL 920 x 787	HE 700 x 418			
24	IPE 330	HP 305 x 95	HD 360 x 179	HL 920 x 725	HE 700 x 352			
25	IPE A 330	HP 305 x 88	HD 360 x 162	HL 920 x 656	HE 700 M			
26	IPE O 300	HP 305 x 79	HD 360 x 147	HL 920 x 588	HE 700 B			
27	IPE 300	HP 260 x 87	HD 360 x 134	HL 920 x 537	HE 700 A			
28	IPE A 300	HP 260 x 75	HD 320 x 300	HL 920 x 491	HE 700 AA			
29	IPE O 270	HP 220 x 57	HD 320 x 245	HL 920 x 449	HE 650 x 407			
30	IPE 270	HP 200 x 53	HD 320 x 198	HL 920 x 420	HE 650 x 343			
31	IPE A 270	HP 200 x 43	HD 320 x 158	HL 920 x 390	HE 650 M			
32	IPE O 240		HD 320 x 127	HL 920 x 368	HE 650 B			
33	IPE 240		HD 320 x 97,6	HL 920 x 344	HE 650 A			
34	IPE A 240		HD 320 x 74,2		HE 650 AA			
35	IPE AA 240		HD 260 x 299		HE 600 x 399			
36	IPE O 220		HD 260 x 225		HE 600 x 337			
37	IPE 220		HD 260 x 172		HE 600 M			
38	IPE A 220		HD 260 x 142		HE 600 B			
39	IPE AA 220		HD 260 x 114		HE 600 A			
40	IPE O 200		HD 260 x 93,0		HE 600 AA			
41	IPE 200		HD 260 x 68,2		HE 550 M			
42	IPE A 200		HD 260 x 54,1		HE 550 B			
43	IPE AA 200				HE 550 A			
44	IPE O 180				HE 500 M			
45	IPE 180				HE 500 B			
46	IPE A 180				HE 500 A			
47	IPE AA 180				HE 500 AA			
48	IPE 160				HE 450 M			
49	IPE A 160				HE 450 B			
50	IPE AA 160				HE 450 A			
51	IPE 140				HE 450 AA			
52	IPE A 140				HE 400 M			
53	IPE AA 140				HE 400 B			
54	IPE 120				HE 400 A			
55	IPE A 120				HE 400 AA			
56	IPE AA 120				HE 360 M			
57	IPE 100				HE 360 B			
58	IPE A 100				HE 360 A			
59	IPE AA 100				HE 360 AA			
60	IPE 80				HE 340 M			
61	IPE A 80				HE 340 B			
62	IPE AA 80				HE 340 A			
63					HE 340 AA			
64					HE 320 M			
65					HE 320 B			
66					HE 320 A			
67					HE 320 AA			
68					HE 300 M			
69					HE 300 B			
70					HE 300 A			
71					HE 300 AA			
72					HE 280 M			
73					HE 280 B			
74					HE 280 A			
75					HE 280 AA			
76					HE 260 M			
77					HE 260 B			
78					HE 260 A			
79					HE 260 AA			
80					HE 240 M			
81					HE 240 B			
82					HE 240 A			
83					HE 240 AA			
84					HE 220 M			
85					HE 220 B			
86					HE 220 A			
87					HE 220 AA			
88					HE 200 M			
89					HE 200 B			
90					HE 200 A			
91					HE 200 AA			
92					HE 180 M			
93					HE 180 B			
94					HE 180 A			
95					HE 180 AA			
96					HE 160 M			
97					HE 160 B			
98					HE 160 A			
99					HE 160 AA			
100					HE 140 M			
101					HE 140 B			
102					HE 140 A			
103					HE 140 AA			
104					HE 120 M			
105					HE 120 B			
106					HE 120 A			
107					HE 120 AA			
108					HE 100 M			
109					HE 100 B			
110					HE 100 A			
111					HE 100 AA			
112								

N° OBJECTS	U	I	Z	LPN	LD Unequal	CIRC	QUAD	RECT
1	U 65 x 42	T 20	Z 30	L 20x3	L 25x16x3	CIRC 40 x 2	QUAD 40 x 2	RECT 60 x 40 x 2
2	U 60 x 30	T 25	Z 40	L 25x3	L 30x20x3	CIRC 40 x 3	QUAD 40 x 3	RECT 60 x 40 x 3
3	U 50 x 25	T 30	Z 50	L 30x3	L 30x20x4	CIRC 40 x 4	QUAD 40 x 4	RECT 60 x 40 x 4
4	U 40 x 20	T 35	Z 60	L 30x5	L 32x20x3	CIRC 45 x 2	QUAD 45 x 2	RECT 70 x 40 x 2
5	U 40 x 20 x 4	T 40	Z 80	L 35x4	L 40x25x3	CIRC 45 x 3	QUAD 45 x 3	RECT 70 x 40 x 3
6		T 50	Z 100	L 40x4	L 40x25x4	CIRC 45 x 4	QUAD 45 x 4	RECT 70 x 40 x 4
7		T 60	Z 120	L 40x5	L 40x25x5	CIRC 50 x 2	QUAD 50 x 2	RECT 70 x 50 x 2
8		T 70	Z 140	L 40x6	L 45x28x4	CIRC 50 x 3	QUAD 50 x 3	RECT 70 x 50 x 3
9		T 80	Z 160	L 45x4	L 45x30x4	CIRC 50 x 4	QUAD 50 x 4	RECT 70 x 50 x 4
10		T 100		L 45x5	L 45x30x5	CIRC 55 x 2	QUAD 55 x 2	RECT 80 x 40 x 3
11		T 120		L 45x6	L 50x30x4	CIRC 55 x 3	QUAD 55 x 3	RECT 80 x 40 x 4
12		T 140		L 45x7	L 50x30x5	CIRC 55 x 4	QUAD 55 x 4	RECT 80 x 40 x 5
13				L 50x4	L 50x32x3	CIRC 60 x 2	QUAD 60 x 2	RECT 80 x 60 x 3
14				L 50x5	L 50x32x4	CIRC 60 x 3	QUAD 60 x 3	RECT 80 x 60 x 4
15				L 50x6	L 56x36x4	CIRC 60 x 4	QUAD 60 x 4	RECT 80 x 60 x 5
16				L 50x7	L 56x36x5	CIRC 65 x 2	QUAD 60 x 5	RECT 100 x 50 x 3
17				L 50x8	L 60x40x5	CIRC 65 x 3	QUAD 70 x 2	RECT 100 x 50 x 4
18				L 50x9	L 60x40x6	CIRC 65 x 4	QUAD 70 x 3	RECT 100 x 50 x 5
19				L 55x5	L 60x40x7	CIRC 70 x 2	QUAD 70 x 4	RECT 100 x 50 x 6
20				L 55x10	L 63x40x4	CIRC 70 x 3	QUAD 70 x 5	RECT 100 x 60 x 4
21				L 60x5	L 63x40x5	CIRC 70 x 4	QUAD 80 x 3	RECT 100 x 60 x 5
22				L 60x6	L 63x40x6	CIRC 75 x 2	QUAD 80 x 4	RECT 100 x 60 x 6
23				L 60x8	L 65x50x5	CIRC 75 x 3	QUAD 80 x 5	RECT 100 x 80 x 4
24				L 60x10	L 65x50x6	CIRC 75 x 4	QUAD 80 x 6	RECT 100 x 80 x 5
25				L 65x7	L 65x50x7	CIRC 80 x 2	QUAD 90 x 3	RECT 100 x 80 x 6
26				L 65x9	L 65x50x8	CIRC 80 x 3	QUAD 90 x 4	RECT 120 x 60 x 4
27				L 65x11	L 70x45x5	CIRC 80 x 4	QUAD 90 x 5	RECT 120 x 60 x 5
28				L 70x6	L 70x45x6	CIRC 90 x 3	QUAD 90 x 6	RECT 120 x 60 x 6
29				L 70x7	L 75x50x5	CIRC 90 x 4	QUAD 100 x 3	RECT 120 x 80 x 4
30				L 70x8	L 75x50x6	CIRC 90 x 5	QUAD 100 x 4	RECT 120 x 80 x 5
31				L 70x9	L 75x50x7	CIRC 100 x 3	QUAD 100 x 5	RECT 120 x 80 x 6
32				L 70x10	L 75x50x8	CIRC 125 x 4	QUAD 100 x 6	RECT 120 x 100 x 4
33				L 70x11	L 80x50x5	CIRC 125 x 5	QUAD 120 x 4	RECT 120 x 100 x 5
34				L 75x8	L 80x50x6	CIRC 125 x 6	QUAD 120 x 5	RECT 120 x 100 x 6
35				L 75x10	L 80x50x8	CIRC 155 x 5	QUAD 120 x 6	RECT 140 x 60 x 4
36				L 75x12	L 80x60x6	CIRC 155 x 6	QUAD 140 x 5	RECT 140 x 60 x 5
37				L 80x8	L 80x60x7	CIRC 155 x 8	QUAD 140 x 6	RECT 140 x 60 x 6
38				L 80x10	L 80x60x8	CIRC 175 x 5	QUAD 140 x 8	RECT 140 x 80 x 4
39				L 80x12	L 90x56x6	CIRC 175 x 6	QUAD 160 x 5	RECT 140 x 80 x 5
40				L 90x8	L 90x56x8	CIRC 175 x 8	QUAD 160 x 6	RECT 140 x 80 x 6
41				L 90x9	L 90x60x6	CIRC 200 x 5	QUAD 160 x 8	RECT 140 x 100 x 4
42				L 90x10	L 90x60x8	CIRC 200 x 6		RECT 140 x 100 x 5
43				L 90x11	L 100x63x8	CIRC 200 x 8		RECT 140 x 100 x 6
44				L 90x12	L 100x63x10			RECT 160 x 80 x 4
45				L 90x13	L 100x65x7			RECT 160 x 80 x 5
46				L 90x16	L 100x65x8			RECT 160 x 80 x 6
47				L 100x8	L 100x65x10			RECT 160 x 120 x 5
48				L 100x12	L 100x65x12			RECT 160 x 120 x 6
49				L 100x14	L 110x70x8			RECT 160 x 120 x 8
50				L 100x15	L 110x70x10			RECT 170 x 170 x 5
51				L 100x16	L 110x70x12			RECT 170 x 170 x 6
52				L 110x10	L 120x80x8			RECT 170 x 170 x 8
53				L 110x12	L 120x80x10			RECT 180 x 100 x 5
54				L 110x14	L 120x80x12			RECT 180 x 100 x 6
55				L 120x10	L 125x80x8			RECT 180 x 100 x 8
56				L 120x11	L 125x80x10			RECT 180 x 140 x 5
57				L 120x12	L 125x80x12			RECT 180 x 140 x 6
58				L 120x13	L 130x90x10			RECT 180 x 140 x 8
59				L 120x15	L 130x90x12			RECT 200 x 80 x 5
60				L 120x17	L 130x90x14			RECT 200 x 80 x 6
61				L 130x12	L 140x90x8			RECT 200 x 80 x 8
62				L 130x14	L 140x90x10			RECT 200 x 120 x 5
63				L 130x16	L 140x90x12			RECT 200 x 120 x 6
64				L 140x13	L 140x90x14			RECT 200 x 120 x 8
65				L 140x15	L 161x100x10			RECT 200 x 150 x 5
66				L 140x17	L 161x100x12			RECT 200 x 150 x 6
67				L 150x12	L 161x100x14			RECT 200 x 150 x 8
68				L 150x14				
69				L 150x15				
70				L 150x16				
71				L 150x18				
72				L 180x15				
73				L 180x18				
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