TABLE OF EQUIVALENCE – "I" AND "H" BEAMS

GERDAU AÇOMINAS BEAMS		ELECTRO WELDED BEAMS	EUROPEAN LAMINATED BEAMS					BENT TABS EUROPEAN STANDARD			
ASTM A6/A6M		NBR 15279	DIN 1025-5 / EM 19-57					DIN 1025-1			
mm x kg/m	in. x lb/ft	mm x kg/m	mm x kg/m					mm x kg/m			
W 150 x 13,0	W 6 x 8,5	CE 100 x 11 VE 150 x 13	IPE 160 A (12,7)					IPN 80 (5,9)	IPN 100 (8,3)	IPN 120 (11,1)	IPN 140 (14,3)
W 150 x 18,0	W 6 x 12	VE 150 x 18	IPE 160 (15,8)	IPE 160 A (12,7)	IPE 180 A (15,4)			IPN 160 (17,9)			
W 150 x 22,5	W 6 x 15	CE 150 x 20	HE 140 A (24,7)	IPE 160 (15,8)							
W 150 x 24,0	W 6 x 16		IPE 180 (18,8)	HE 140 A (24,7)							
W 150 x 29,8	W 6 x 20	CE 150 x 26	HE 140 B (33,7)	IPE 180 (18,8)	IPE 180 R (22,1)	HE 160 A (30,4)					
W 150 x 37,1	W 6 x 25		HE 140 B (33,7)	HE 140 B (33,7)							
W 200 x 15,0	W 8 x 10		IPE 160 R (17,7)	HE 140 B (33,7)	IPE 180 (18,8)			IPN 160 (17,9)			
W 200 x 19,3	W 8 x 13	VE 200 x 16	IPE 180 O (21,3)	IPE 160 R (17,7)	IPE 200 A (18,4)			IPN 180 (21,9)			
W 200 x 22,5	W 8 x 15	CVE 200 x 22	IPE 200 (22,4)	IPE 180 O (21,3)							
W 200 x 26,6	W 8 x 18	CE 200 x 22 VE 200 x 25 CVE 200 x 28	IPE 200 O (25,1)	IPE 200 (22,4)	IPE 220 A (22,2)	IPE 220 (26,2)		IPN 200 (26,2)			
W 200 x 31,3	W 8 x 21	CE 200 x 29	IPE 220 O (29,4)	IPE 200 O (25,1)				IPN 220 (31,1)			
W 200 x 35,9	W 8 x 24	CE 200 x 34	HE 160 B (42,6)	IPE 220 O (29,4)							
W 200 x 41,7	W 8 x 28	CE 200 x 39	HE 200 A (42,3)	HE 160 B (42,6)							
W 200 x 46,1	W 8 x 31		HE 180 B (51,2)	HE 200 A (42,3)							
W 200 x 52,0	W 8 x 35		HE 200 A (42,3)	HE 180 B (51,2)							
HP 200 x 53,0	HP 8 x 36		HE 200 A (42,3)	HE 200 A (42,3)							
W 200 x 59,0	W 8 x 40		HE 200 B (61,3)	HE 200 A (42,3)							
W 200 x 71,0	W 8 x 48		HE 220 B (71,5)	HE 200 B (61,3)							
W 200 x 86,0	W 8 x 58		HE 220 B (71,5)	HE 220 B (71,5)							
W 250 x 17,9	W 10 x 12	VE 250 x 18 VE 200 x 25	IPE 200 A (18,4)	HE 220 B (71,5)	IPE 200 O (25,1)	IPE 220 A (22,2)		IPN 180 (21,9)	IPN 200 (26,2)		
W 250 x 22,3	W 10 x 15	VE 200 x 25	IPE 200 R (26,6)	IPE 200 A (18,4)	IPE 220 (26,2)			IPN 200 (26,2)			
W 250 x 25,3	W 10 x 17		IPE 200 R (26,6)	IPE 200 R (26,6)	IPE 220 O (29,4)	IPE 220 R (31,6)	IPE 240 A (26,2)	IPN 200 (26,2)	IPN 220 (31,1)		
W 250 x 28,4	W 10 x 19	VE 250 x 27	IPE 220 O (29,4)	IPE 200 R (26,6)	IPE 240 (30,7)			IPN 220 (31,1)			
W 250 x 32,7	W 10 x 22	CVE 250 x 31	IPE 240 O (34,3)	IPE 220 O (29,4)	IPE 270 A (30,7)			IPN 240 (36,2)			
W 250 x 38,5	W 10 x 26	CVE 250 x 38	IPE 270 (36,1)	IPE 240 O (34,3)				IPN 260 (41,8)			
W 250 x 44,8	W 10 x 30	CE 250 x 43	IPE 270 O (42,3)	IPE 270 (36,1)							
HP 250 x 62,0	HP 10 x 42	CE 250 x 49 CE 250 x 63	HE 220 B (71,5)	IPE 270 O (42,3)							
W 250 x 73,0	W 10 x 49		HE 240 B (83,2)	HE 220 B (71,5)							
W 250 x 80,0	W 10 x 54		HE 240 B (83,2)	HE 240 B (83,2)							
HP 250 x 85,0	HP 10 x 57		HE 280 A (76,4)	HE 240 B (83,2)							
W 250 x 89,0	W 10 x 60		HE 260 B (93,0)	HE 280 A (76,4)							
W 250 x 101,0	W 10 x 68		HE 260 B (93,0)	HE 260 B (93,0)							
W 250 x 115,0	W 10 x 77		HE 280 B (104,2)	HE 260 B (93,0)							
W 310 x 21,0	W 12 x 14	VE 250 x 27	IPE 220 R (31,6)	HE 280 B (104,2)							
W 310 x 23,8	W 12 x 16	VE 250 x 27	IPE 240 (30,7)	IPE 220 R (31,6)				IPN 240 (36,2)			
W 310 x 28,3	W 12 x 19	VE 300 x 26	IPE 240 O (34,3)	IPE 240 (30,7)	IPE 270 A (30,7)			IPN 240 (36,2)			
W 310 x 32,7	W 12 x 22	VE 300 x 33	IPE 240 O (34,3)	IPE 240 O (34,3)	IPE 270 (36,1)			IPN 260 (41,8)			
W 310 x 38,7	W 12 x 26		IPE 270 O (42,3)	IPE 240 O (34,3)	IPE 300 (42,2)	IPE 300 A (36,5)		IPN 260 (41,8)	IPN 280 (47,9)		
W 310 x 44,5	W 12 x 30	CVE 300 x 47	IPE 300 O (49,3)	IPE 270 O (42,3)				IPN 280 (47,9)	IPN 300 (54,2)		
W 310 x 52,0	W 12 x 35	CE 300 x 52	IPE 300 R (51,7)	IPE 300 O (49,3)				IPN 300 (54,2)			
HP 310 x 79,0	HP 12 x 53	CE 300 x 62 CB 300 x 76	HE 240 B (83,2)	IPE 300 R (51,7)	HE 280 A (76,4)						
HP 310 x 93,0	HP 12 x 63		HE 260 B (93,0)	HE 240 B (83,2)	HE 300 A (88,3)						
W 310 x 97,0	W 12 x 65		HE 280 B (104,2)	HE 260 B (93,0)							
W 310 x 107,0	W 12 x 72		HE 320 A (97,6)	HE 280 B (104,2)							
HP 310 x 110,0	HP 12 x 74			HE 320 A (97,6)							
W 310 x 117,0	W 12 x 79		HE 300 B (117,0)								
HP 310 x 125,0	HP 12 x 84			HE 300 B (117,0)							
W 360 x 32,9	W 14 x 22	VE 300 x 33	IPE 270 R (44,0)		IPE 300 (42,2)			IPN 280 (47,9)			
W 360 x 39,0	W 14 x 26	VE 350 x 35	IPE 300 O (49,3)	IPE 270 R (44,0)	IPE 330 A (43,0)	IPE 330 (49,1)		IPN 280 (47,9)	IPN 300 (54,2)		
W 360 x 44,0	W 14 x 30	VE 350 x 43	IPE 300 O (49,3)	IPE 300 O (49,3)	IPE 330 A (43,0)	IPE 330 (49,1)		IPN 280 (47,9)	IPN 300 (54,2)		
W 360 x 51,0	W 14 x 34		IPE 300 R (51,7)	IPE 300 O (49,3)	IPE 330 R (60,3)	IPE 360 A (50,2)		IPN 300 (54,2)	IPN 320 (61,0)		
W 360 x 57,8	W 14 x 38		IPE 360 (57,1)	IPE 300 R (51,7)				IPN 320 (61,0)	IPN 340 (68,1)		
W 360 x 64,0	W 14 x 43		IPE 360 O (66,0)	IPE 360 (57,1)				IPN 340 (68,1)			
W 360 x 72,0	W 14 x 48		IPE 360 R (70,3)	IPE 360 O (66,0)				IPN 360 (76,1)			
W 360 x 79,0	W 14 x 53			IPE 360 R (70,3)							
W 360 x 91,0	W 14 x 61		HE 320 A (97,6)					IPN 380 (84,0)			
W 360 x 101,0	W 14 x 68		HE 340 A (104,8)	HE 320 A (97,6)							
W 360 x 110,0	W 14 x 74		HE 320 B (126,7)	HE 340 A (104,8)							
W 360 x 122,0	W 14 x 82		HE 340 B (134,2)	HE 320 B (126,7)							
W 410 x 38,8	W 16 x 26	VE 350 x 43	IPE 330 O (57,0)	HE 340 B (134,2)	IPE 360 A (50,2)						
W 410 x 46,1	W 16 x 31	VE 400 x 44	IPE 330 O (57,0)	IPE 330 O (57,0)	IPE 360 A (50,2)	IPE 360 (57,1)					
W 410 x 53,0	W 16 x 36	VE 400 x 49	IPE 330 O (57,0)	IPE 330 O (57,0)	IPE 360 (57,1)	IPE 360 O (66,0)		IPN 340 (68,1)			
W 410 x 60,0	W 16 x 40		IPE 360 O (66,0)	IPE 330 O (57,0)	IPE 400 A (57,4)	IPE 400 (66,3)		IPN 340 (68,1)	IPN 360 (76,1)		
W 410 x 67,0	W 16 x 45		IPE 360 R (70,3)	IPE 360 O (66,0)				IPN 340 (68,1)	IPN 360 (76,1)		
W 410 x 75,0	W 16 x 50		IPE 400 O (75,7)	IPE 360 R (70,3)				IPN 360 (76,1)	IPN 380 (84,0)		
W 410 x 85,0	W 16 x 57			IPE 400 O (75,7)				IPN 400 (92,6)			
W 460 x 52,0	W 18 x 35	VE 450 x 51	IPE 400 A (57,4)								
W 460 x 60,0	W 18 x 40	VE 450 x 59		IPE 400 A (57,4)							
W 460 x 68,0	W 18 x 46		IPE 400 O (75,7)		IPE 450 A (67,2)			IPN 400 (92,6)			
W 460 x 74,0	W 18 x 50		IPE 400 O (75,7)	IPE 400 O (75,7)	IPE 450 (77,6)			IPN 400 (92,6)			
W 460 x 82,0	W 18 x 55		IPE 450 (77,6)	IPE 400 O (75,7)				IPN 400 (92,6)	IPN 425 (103,6)		
W 460 x 89,0	W 18 x 60		IPE 450 O (92,4)	IPE 450 (77,6)				IPN 400 (92,6)	IPN 425 (103,6)		
W 460 x 97,0	W 18 x 65		IPE 450 R (95,2)	IPE 450 O (92,4)					IPN 425 (103,6)		
W 460 x 106,0	W 18 x 71			IPE 450 R (95,2)				IPN 450 (115,4)			
W 530 x 66,0	W 21 x 44	VE 500 x 61 VE 500 x 68	IPE 450 A (67,2)								
W 530 x 72,0	W 21 x 48		IPE 450 (77,6)	IPE 450 A (67,2)				IPN 425 (103,6)			
W 530 x 74,0	W 21 x 50	VE 500 x 73	IPE 450 (77,6)	IPE 450 (77,6)				IPN 425 (103,6)			
W 530 x 82,0	W 21 x 55	VE 500 x 79	IPE 450 O (92,4)	IPE 450 (77,6)	IPE 500 A (79,4)			IPN 450 (115,4)			
W 530 x 85,0	W 21 x 57		IPE 450 O (92,4)	IPE 450 O (92,4)	IPE 500 (90,7)			IPN 450 (115,4)			
W 530 x 92,0	W 21 x 62		IPE 450 O (92,4)	IPE 450 O (92,4)	IPE 550 A (92,1)			IPN 450 (115,4)			
W 530 x 101,0	W 21 x 68		IPE 500 R (111,4)	IPE 450 O (92,4)				IPN 475 (128,0)			
W 530 x 109,0	W 21 x 73		IPE 550 (105,5)	IPE 500 R (111,4)				IPN 475 (128,0)			
W 610 x 101,0	W 24 x 68		IPE 550 (105,5)	IPE 550 (105,5)	IPE 550 O (122,5)	IPE 500 O (107,3)		IPN 500 (140,5)			
W 610 x 113,0	W 24 x 76		IPE 550 O (122,5)	IPE 550 (105,5)	IPE 600 A (107,6)			IPN 500 (140,5)			
W 610 x 125,0	W 24 x 84		IPE 550 R (133,7)	IPE 550 O (122,5)				IPN 550 (166,4)			
W 610 x 140,0	W 24 x 94		IPE 600 R (144,4)	IPE 550 R (133,7)				IPN 550 (166,4)			
W 610 x 155,0	W 24 x 104		IPE 600 O (154,5)	IPE 600 R (144,4)				IPN 550 (166,4)			
W 610 x 174,0	W 24 x 117			IPE 600 O (154,5)				IPN 600 (199,4)			