

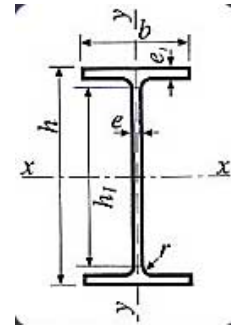
## VIGAS IPE

Vigas europeas de alas paralelas

ASTM Designation A36

Tolerancias dimensionales E.N. 10024, 10034, 10056

Calidades del acero norma E.N. 10025 S 275JR



IPE (I)	DIMENSIONES (mm)					ÁREA cm <sup>2</sup>	PESO kg/m	MOMENTO RESPECTO A LOS EJES					
	h	b	s	t	r			EJE X - X			EJE Y - Y		
								Ix cm <sup>4</sup>	Sx cm	Rx cm	Iy cm <sup>4</sup>	Sy cm <sup>3</sup>	Ry cm
80	80	46	3.8	5.2	5	7.64	6.0	80.1	20.0	3.24	8.49	3.69	1.05
100	100	55	4.1	5.7	7	10.30	8.1	171	34.2	4.07	15.90	5.79	1.24
120	120	64	4.4	6.3	7	13.20	10.4	318	53.0	4.90	27.70	8.65	1.45
140	140	73	4.7	6.9	7	16.40	12.9	541	77.3	5.74	44.90	12.30	1.65
160	160	82	5.0	7.4	9	20.10	15.8	869	109.0	6.58	68.30	16.70	1.84
180	180	91	5.3	8.0	9	23.90	18.8	1320	146.0	7.42	101.00	22.20	2.05
200	200	100	5.6	8.5	12	28.50	22.4	1940	194.0	8.26	142.00	28.50	2.24
220	220	110	5.9	9.2	12	33.40	26.2	2770	252.0	9.11	205.00	37.30	2.48
240	240	120	6.2	9.8	15	39.10	30.7	3890	324.0	9.97	284.00	47.30	2.69
270	270	135	6.6	10.2	15	45.90	36.1	5790	429.0	11.20	420.00	62.20	3.02
300	300	150	7.1	10.7	15	53.80	42.2	8360	557.0	12.50	604.00	80.50	3.35
330	330	160	7.5	11.5	18	62.60	49.1	11770	713.0	13.70	788.00	98.50	3.55
360	360	170	8.0	12.7	18	72.70	57.1	16270	904.0	15.00	1040.00	123.00	3.79
400	400	180	8.6	13.5	21	84.50	66.3	23130	1160.0	16.50	1320.00	146.00	3.95
450	450	190	9.4	14.6	21	98.80	77.6	33740	1500.0	18.50	1680.00	176.00	4.12
500	500	200	10.2	16.0	21	116.00	90.7	48200	1930.0	20.40	2140.00	214.00	4.31
550	550	210	11.1	17.2	24	134.00	106.0	67120	2440.0	22.30	2670.00	254.00	4.45
600	600	220	12.0	19.0	24	156.00	122.0	22080	3070.0	24.30	3390.00	308.00	4.66

A= Area de la sección

I= Momento de Inercia

W= Modulo Resistente

i= Radio de giro=  $\sqrt{I/A}$