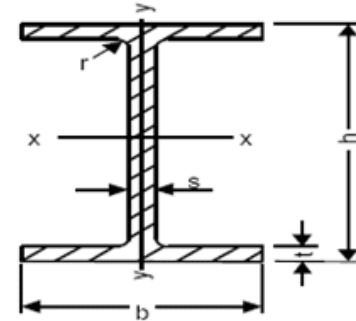


VIGAS

IPE

I = Momento de Inercia.
S = Momento de Resistencia
R = Radio de Inercia, siempre referido al eje
 De reflexión correspondiente.
 ASTM – A – 36.
 ST – 37 – 2.



IPE (I)	DIMENSIONES (mm)					AREA cm ²	PESO kg/m	MOMENTO RESPECTO A LOS EJES					
								EJE X – X			EJE Y – Y		
	h	b	s	t	r			I _x cm ⁴	S _x cm ³	R _x cm	I _y cm ⁴	S _y cm ³	R _y 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	92080	3070.0	24.30	3390.00	308.00	4.66