

Vigas Perfil Europeo de alas Inclınadas IPN

• Norma mecánica: A-36 • Norma dimensional: A-6

IPN	DIMENSIONES (mm)						ÁREA cm ²	PESO kg/m	PESO 6 m	MOMENTOS RESPECTO A LOS EJES					
	h	b	s	t	r1	r2				EJE X - X			EJE Y - Y		
										Ix cm ⁴	Sx cm ³	Rx cm	Iy cm ⁴	Sy cm ³	Ry cm
80	80.00	42.00	4.20	5.90	3.90	2.30	7.77	6.10	36.60	78.40	19.60	3.18	6.29	2.99	0.90
100	100.00	50.00	4.50	6.80	4.50	2.70	10.60	8.34	50.04	171.00	34.20	4.01	12.20	4.88	1.07
120	120.00	58.00	5.10	7.70	5.10	3.10	14.20	11.10	66.60	328.00	54.70	4.81	21.50	7.41	1.23
140	140.00	66.00	5.70	8.60	5.70	3.40	18.20	14.30	85.80	573.00	81.90	5.61	35.20	10.70	1.40
160	160.00	74.00	6.30	9.50	6.30	3.80	22.80	17.90	107.40	935.00	117.00	6.40	54.70	14.80	1.55
180	180.00	82.00	6.90	10.40	6.90	4.10	27.90	21.90	131.40	1,450.00	161.00	7.20	81.30	19.80	1.71
200	200.00	90.00	7.50	11.30	7.50	4.50	33.40	26.20	157.20	2,140.00	214.00	8.00	117.00	26.00	1.87
220	220.00	98.00	8.10	12.20	8.10	4.90	39.50	31.10	186.60	3,060.00	278.00	8.80	162.00	33.10	2.02
240	240.00	106.00	8.70	13.10	8.70	5.20	46.10	36.20	217.20	4,250.00	354.00	9.59	221.00	41.70	2.20
260	260.00	113.00	9.40	14.10	9.40	5.60	53.30	41.90	251.40	5,740.00	442.00	10.40	288.00	51.00	2.32
280	280.00	119.00	10.10	15.20	10.10	6.10	61.00	47.90	287.40	7,590.00	542.00	11.10	364.00	61.20	2.45
300	300.00	125.00	10.80	16.20	10.80	6.50	69.00	54.20	325.20	9,800.00	653.00	11.90	451.00	72.20	2.56
320	320.00	131.00	11.50	17.30	11.50	6.90	77.70	61.00	366.00	12,510.00	782.00	12.70	555.00	84.70	2.67
340	340.00	137.00	12.20	18.30	12.20	7.30	86.70	68.00	408.00	15,700.00	923.00	13.50	674.00	98.40	2.80
360	360.00	143.00	13.00	19.50	13.00	7.80	97.00	76.10	456.60	19,610.00	1,090.00	14.20	818.00	114.00	2.90
380	380.00	149.00	13.70	20.50	13.70	8.20	107.00	84.00	504.00	24,010.00	1,260.00	15.00	975.00	131.00	3.02
400	400.00	155.00	14.40	21.60	14.40	8.60	118.00	92.40	554.40	29,210.00	1,460.00	15.70	1,160.00	149.00	3.13
425	425.00	163.00	15.30	23.00	15.30	9.20	132.00	104.00	624.00	36,970.00	1,740.00	16.70	1,440.00	176.00	3.30
450	450.00	170.00	16.20	24.30	16.20	9.70	147.00	115.00	690.00	45,850.00	2,040.00	17.70	1,730.00	203.00	3.43
475	475.00	178.00	17.10	25.60	17.10	10.30	163.00	128.00	768.00	56,480.00	2,380.00	18.60	2,090.00	235.00	3.60
500	500.00	185.00	18.00	27.00	18.00	10.80	179.00	141.00	846.00	68,740.00	2,750.00	19.60	2,480.00	268.00	3.72
550	550.00	200.00	19.00	30.00	19.00	11.90	212.00	166.00	996.00	99,180.00	3,610.00	21.60	3,490.00	349.00	4.02
600	600.00	215.00	21.60	32.40	21.60	13.00	254.00	199.00	1,194.00	139,000.00	4,630.00	23.40	4,670.00	434.00	4.30

DIMENSIONES: •h= Altura •b= Ancho del ala •s= Espesor del alma •t= Espesor del ala •r= Angulo

MOMENTO RESPECTO A LOS EJES: •I = Momento de Inercia •S= Momento de Resistencia

•R= Radio de Inercia siempre referido al eje de reflexión correspondiente

VENTAJAS

- Fácil manipulación
- Adaptable a estructuras por su peso
- Regulación de carga

APLICACIONES

- Chasis, Carrocerías
- Vigas, Viguetas, Armaduras
- Soportes
- Reparaciones industriales

