

Vigas U (C)

U | UPN



Descripción: Productos de acero laminado con sección en forma de "U".

Vienen en presentaciones de 6.0mts. Para otras longitudes, previa consulta.

Aplicaciones: Fabricación de cercos, estructuras metálicas, portones, rejas, soportes, viguetas, entre otros.

Norma de Fabricación: ASTM A36 | ASTM A572 G50 | JIS G3101, SS400

Composición Química

Norma	C máx %	Mn %	P máx %	S máx %	Si máx %
ASTM A36	0.26	-	0.04	0.05	0.40
ASTM A572, G50	0.23	1.35	0.04	0.05	0.40
JIS G3101, SS400	-	-	0.05	0.05	-

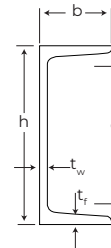
Propiedades Mecánicas

Norma	Límite de Fluencia	Resistencia a la tracción	Elongación mín (2")
	Mpa	Mpa	%
ASTM A36	248	400 - 550	23
ASTM A572, G50	344	448	-
JIS G3101, SS400	205 - 245	400 - 510	26





Dimensiones y Pesos Nominales (kg/mt)



Norma Americana (U)

Descripción	Peso		Dimensiones					A	AL	AG
	kg/m	lb/pie	h	b	tw	tf	d	mm ² x 10 ²	m ² /m	m ² /t
2" x 2.58	3.80	2.58	50.8	25.4	4.7	4.7	-	4.90	-	-
3" x 2.00	2.98	2.00	76.2	38.0	2.5	2.0	-	-	-	-
3" x 4.10	6.10	4.10	76.0	35.0	4.3	6.9	38.0	7.81	0.28	45.47
3" x 5.00	7.40	5.00	76.0	37.0	6.6	6.9	38.0	9.48	0.28	37.95
4" x 2.65	3.94	2.65	101.6	50.8	2.5	2.5	-	-	-	-
4" x 5.40	8.00	5.40	102.0	40.0	4.7	7.5	66.0	10.30	0.35	43.36
4" x 7.00	10.40	7.00	101.6	51.0	6.1	7.6	60.0	-	-	-
4" x 7.25	10.80	7.30	102.0	43.0	8.2	7.5	60.0	13.70	0.35	32.55
6" x 8.20	12.20	8.20	152.0	48.0	5.1	8.7	107.0	15.50	0.48	39.19
6" x 10.50	15.60	10.50	152.0	51.0	8.0	8.7	107.0	19.90	0.48	31.05
8" x 11.50	17.10	11.50	203.0	57.0	5.6	9.9	156.0	21.80	0.56	33.22
10" x 15.30	22.80	15.30	254.0	65.0	6.1	11.1	203.0	29.00	0.69	30.85
10" x 20.00	30.00	20.20	254.0	69.0	9.6	11.1	203.0	37.90	0.70	23.98
10" x 25.00	37.00	24.90	254.0	73.0	13.4	11.1	203.0	47.40	0.71	19.52
12" x 20.70	30.80	20.70	305.0	74.0	7.2	12.7	248.0	39.30	0.83	26.60
12" x 30.00	45.00	30.20	305.0	80.0	13.0	12.7	248.0	56.90	0.82	18.27
15" x 33.90	50.40	33.90	381.0	86.0	10.2	16.5	308.0	64.30	1048.00	20.96
15" x 50.00	74.00	49.70	381.0	94.0	18.2	16.5	308.0	94.80	1040.00	14.05

Norma Europea (UPN)

Descripción	Peso		Dimensiones							A
	kg/m	lb/pie	h	b	tw	tf	r1	r2	d	cm2
50 x 5.59	5.59	3.80	50.0	38.00	5.00	7.00	7.00	3.50	21.00	7.12
80 x 5.80	8.64	5.80	80.0	45.00	6.00	8.00	8.00	4.00	47.00	11.00
100 x 7.12	10.60	7.10	100.0	50.00	6.00	8.50	8.50	4.50	64.00	13.50
120 x 9.00	13.40	9.00	120.0	55.00	7.00	9.00	9.00	4.50	82.00	17.00
140 x 10.75	16.00	10.80	140.0	60.00	7.00	10.00	10.00	5.00	98.00	20.40
160 x 12.50	18.80	12.60	160.0	65.00	7.50	10.50	10.50	5.50	115.00	24.00
180 x 14.78	22.00	14.80	180.0	70.00	8.00	11.00	11.00	5.50	133.00	28.00
200 x 17.32	25.30	17.00	200.0	75.00	8.50	11.50	11.50	6.00	151.00	32.20
220 x 19.8	29.40	19.80	220.0	80.00	9.00	12.50	12.50	6.50	167.00	37.40
240 x 22.3	33.20	22.30	240.0	85.00	9.50	13.00	13.00	6.50	184.00	42.30
260 x 25.47	37.90	25.50	260.0	90.00	10.00	14.00	14.00	7.00	200.00	48.30
280 x 41.80	41.80	28.10	280.0	95.00	10.00	15.00	15.00	7.50	216.00	53.30
300 x 31.00	46.20	31.00	300.0	100.00	10.00	16.00	16.00	8.00	232.00	58.80
380 x 42.40	63.10	42.40	380.0	102.00	13.50	16.00	16.00	8.00	313.00	80.40
400 x 48.20	71.80	48.20	400.0	110.00	14.00	18.00	18.00	9.00	324.00	91.50

