

**TUBOS**  
**ARGENTINOS**

**PERFILES ESTRUCTURALES ABIERTOS**  
*C Purlins / U Channels*



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# CLASIFICACIÓN Y USOS

## *Classification and Uses*



### Perfiles C y U

Estos productos se utilizan en la construcción metálica liviana, especialmente en estructuras de naves industriales y para usos agropecuarios. Constituye una solución novedosa en estructuras para viviendas y locales comerciales, reduciendo costos ya sea en materiales como mano de obra.

Por las características de sus secciones optimizan la relación resistencia-peso, otorgando un excelente acabado para elementos a la vista.

Tubos Argentinos S.A. presenta una gama de productos de 80 a 220 mm de alma y en espesores de 1.60 a 3.20 mm. El producto se fabrica en paquetes de 6 y 12 metros de largo, pudiendo fabricar largos especiales a pedido del cliente.

La unidad de venta es el paquete de 1000 kgrs aproximadamente

Nuestros productos se encuentran estencilados en toda su extensión con el objeto de brindarle a nuestros clientes una clara identificación de los mismos.

### *C Purlins and U Channels*

*These products are used in light metallic constructions, especially in industrial plants and for agricultural use. It constitutes a revolutionary solution for housing and stores, reducing both materials and labor costs.*

*Due to the characteristics of their sections, they optimize the resistance-weight relation, resulting in an excellent finishing for visible elements.*

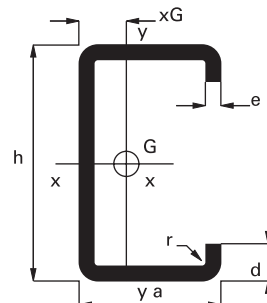
*Tubos Argentinos S.A. presents a line of steel products with 80 to 220 mm cores and a thickness between 1.60 and 3.20 mm. The product is manufactured in bundles of 6 and 12 meters long, with special lengths produced upon customers request. The product is commercialized in bundles of approximately 1,000 kgs*

*Our products are stencilled in their entire length in order to guarantee our customers a proper product identification.*



# PERFIL COSTANERA C

C purlins



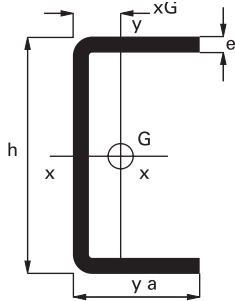
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## PERFIL COSTANERA C

DIMENSIONES				PESO	SECCIÓN	VALORES ESTÁTICOS RELATIVOS A LOS EJES XX - YY						
h (mm)	a (mm)	d (mm)	e = r (mm)	G (kg/m)	F (cm <sup>2</sup> )	Jx (cm <sup>4</sup> )	Wx (cm <sup>3</sup> )	Ix (cm)	xG (cm)	Jy (cm <sup>4</sup> )	Wy (cm <sup>3</sup> )	Iy (cm)
80	50	15	1.60	2.61	3.33	34.76	8.69	3.22	1.88	12.85	2.96	1.96
			2.00	3.23	4.13	42.35	10.59	3.20	1.84	15.54	5.24	1.94
			2.50	3.92	5.00	49.98	12.57	3.14	1.78	17.93	6.07	1.91
100	50	20	1.60	2.88	3.67	58.39	11.68	3.99	1.71	13.97	4.46	1.95
			2.00	3.56	4.54	71.35	14.27	3.97	1.67	16.91	5.39	1.93
			2.50	4.39	5.59	86.64	17.33	3.94	1.61	20.28	6.46	1.90
			3.20	5.50	7.01	106.39	21.28	3.90	1.54	24.46	7.79	1.87
120	50	20	1.60	3.19	4.06	91.74	15.29	4.75	1.81	15.45	4.85	2.20
			2.00	3.96	5.04	113.12	18.85	4.74	1.83	17.42	5.50	2.35
			2.50	4.91	6.25	139.01	23.17	4.72	1.86	19.69	6.27	2.50
			3.20	6.21	7.91	173.70	28.95	4.69	1.90	22.52	7.26	2.69
140	60	20	2.00	4.58	5.84	181.45	25.92	5.57	2.11	29.93	7.69	2.77
			2.50	5.69	7.25	223.49	31.93	5.55	2.14	33.66	8.72	2.95
			3.20	7.21	9.19	280.20	40.03	5.52	2.18	38.45	10.06	3.17
160	60	20	2.00	4.90	6.24	247.54	30.94	6.30	2.00	33.12	8.28	2.88
			2.50	6.08	7.75	305.22	38.15	6.28	2.03	36.88	9.29	3.05
			3.20	7.72	9.83	383.25	47.91	6.24	2.08	41.73	10.64	3.26
			2.00	5.45	6.94	349.45	38.83	7.10	1.93	46.13	9.47	2.58
180	70	20	2.50	6.74	8.59	428.81	47.65	7.07	1.87	55.89	11.46	2.55
			3.20	8.51	10.85	534.65	59.41	7.02	1.80	68.42	14.02	2.51
			2.00	5.76	7.34	446.93	44.69	7.80	2.02	47.71	9.97	2.55
200	70	20	2.50	7.14	9.10	548.99	54.89	7.77	2.02	57.84	12.21	2.52
			3.20	9.03	11.50	685.54	68.55	7.72	2.01	70.84	15.17	2.48
			1.60	4.85	6.20	450.94	40.99	8.51	1.75	39.92	7.84	2.53
220	70	20	2.00	6.08	7.75	559.02	50.81	8.50	1.92	49.11	10.06	2.51
			2.50	7.55	9.62	687.23	62.47	8.45	1.92	59.54	12.31	2.49
			3.20	9.55	12.17	859.14	78.10	8.41	1.91	72.96	15.30	2.45
			2.00	6.08	7.75	559.02	50.81	8.50	1.92	49.11	10.06	2.51

# PERFIL COSTANERA U

*U channels*



## PERFIL CANAL U

DIMENSIONES			PESO	SECCIÓN	VALORES ESTÁTICOS RELATIVOS A LOS EJES XX - YY						
h (mm)	a (mm)	e = r (mm)	G (kg/m)	F (cm <sup>2</sup> )	Jx (cm <sup>4</sup> )	Wx (cm <sup>3</sup> )	Ix (cm)	xG (cm)	Jy (cm <sup>4</sup> )	Wy (cm <sup>3</sup> )	Iy (cm)
80	50	1.60	2.22	2.63	26.11	6.71	3.24	1.08	4.24	1.50	1.28
		2.00	2.70	3.24	32.06	8.19	3.23	1.10	5.16	1.81	1.27
		2.50	3.29	4.00	39.23	9.99	3.20	1.11	6.28	2.25	1.26
100	50	1.60	2.46	3.16	50.94	10.18	4.01	1.30	8.35	2.29	1.59
		2.00	2.92	3.87	56.70	12.30	3.99	1.34	9.72	2.66	1.58
		2.50	3.75	4.75	74.14	14.05	3.96	1.37	11.37	3.09	1.56
120	50	3.20	4.73	5.95	90.94	17.40	3.94	1.41	13.57	3.45	1.56
		1.60	2.72	3.47	77.32	12.89	4.72	1.20	8.30	2.18	1.55
		2.00	3.39	4.32	95.64	15.94	4.71	1.21	10.26	2.71	1.54
140	60	2.50	4.22	5.38	117.99	19.66	4.69	1.23	12.64	3.35	1.53
		2.00	3.98	5.46	164.56	23.50	5.51	1.37	18.73	4.04	1.86
		3.20	6.37	8.12	243.28	34.75	5.48	1.50	27.59	6.14	1.84
160	60	2.00	5.00	6.38	193.07	27.58	5.50	1.48	21.92	4.85	1.85
		2.00	4.33	5.52	213.07	26.63	6.21	1.36	18.43	3.97	1.83
		2.50	5.40	6.88	263.64	32.96	6.19	1.38	22.77	4.93	1.82
180	70	3.20	6.87	8.76	332.70	41.59	6.16	1.41	28.66	6.24	1.81
		2.00	4.94	6.68	308.52	34.28	7.01	1.41	19.34	2.14	2.01
		2.50	5.79	7.38	247.97	38.66	6.87	1.29	23.50	4.99	1.78
200	70	3.20	7.38	9.40	439.63	48.85	6.84	1.32	29.58	6.32	1.77
		2.00	5.24	6.66	394.81	39.48	7.69	1.32	30.21	5.31	2.12
		2.50	6.57	8.38	495.80	49.58	7.68	1.54	37.15	6.80	2.11
220	70	3.20	8.38	10.68	627.32	62.73	7.67	1.56	46.88	8.62	2.10
		2.00	5.54	7.06	494.44	44.94	8.36	1.24	30.98	5.37	2.09
		2.50	6.95	9.54	611.34	55.57	8.33	1.21	38.30	6.61	2.08
		3.20	8.87	11.18	770.56	70.05	8.30	1.17	48.27	8.27	2.01

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