



CANALES "U" DE ALAS NO ATIESADAS

Descripción:

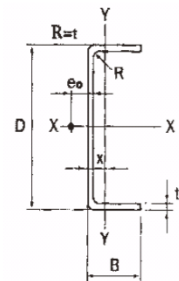
Perfiles que son conformados ya sea por plegado en una prensa mediante un Proceso de perfilado Continuo (Roll Forming). Así obtenemos los perfiles U, C, Z.

Usos:

Construcción de edificios industriales, comerciales, de servicios y en general donde se requiera la edificación de una estructura liviana de alta resistencia y rápida instalación.

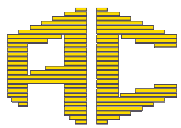
PROPIEDADES MECANICAS

NORMA TECNICA	F	R	A
	Kg/mm ²	Kg/mm ²	%
ASTM A-36	25.5 min	41 min	18 min
ASTM A-570 Grado 36	25.3 min	37 min	18 min
ASTM A-569		30 min	25 min



DIMENSIONES Y PROPIEDADES PARA EL DISEÑO

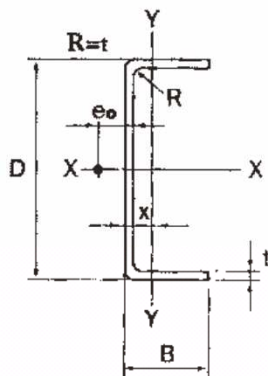
DESIGNACION	D	B	t	Peso	Area (A)	Eje X-X			Eje Y-Y			x	eo
						I	S	r	l	S	r		
						cm ⁴	cm ³	cm	cm ⁴	cm ³	cm		
U 6" x 3"	152.4	76.2	4.5	10.24	13.05	470.9	61.80	6	75.0	13.61	2.40	2.11	2.51
	152.4	76.2	3.0	6.95	8.85	327.0	42.91	6.08	51.71	9.27	2.42	2.04	2.65
	152.4	76.2	2.5	5.82	7.41	276.2	36.24	6.10	43.58	7.78	2.42	2.02	2.69
	152.4	76.2	2.3	5.37	6.84	255.4	33.52	6.11	40.28	7.18	2.43	2.01	2.7
	152.4	76.2	2.0	4.68	5.96	223.9	29.38	6.13	35.26	6.27	2.43	2.00	2.72
U 6" x 2"	152.4	50.8	4.5	8.45	10.76	345.9	45.39	5.67	23.96	6.19	1.49	1.21	1.39
	152.4	50.8	3.0	5.75	7.32	241.9	31.75	5.75	16.73	4.25	1.51	1.15	1.49
	152.4	50.8	2.5	4.82	6.14	204.8	26.88	5.77	14.16	3.58	1.52	1.12	1.52
	152.4	50.8	2.3	4.45	5.67	189.6	24.88	5.78	13.11	3.31	1.52	1.12	1.54
	152.4	50.8	2.0	3.88	4.95	166.4	21.84	5.80	11.50	2.89	1.52	1.10	1.56
U 5" x 2"	127.0	50.8	4.5	7.55	9.62	223.0	35.12	4.81	22.70	6.05	1.54	1.33	1.48
	127.0	50.8	3.0	5.15	6.56	156.9	24.71	4.89	15.88	4.16	1.56	1.26	1.59
	127.0	50.8	2.5	4.32	5.51	133.1	20.96	4.91	13.45	3.50	1.56	1.24	1.62
	127.0	50.8	2.3	3.99	5.08	123.3	19.42	4.92	12.45	3.23	1.57	1.23	1.63
	127.0	50.8	2.0	3.49	4.44	108.3	17.06	4.94	10.93	2.83	1.57	1.22	1.66
U 4" x 2"	101.6	50.8	4.5	6.66	8.48	131.1	25.81	3.93	21.10	5.86	1.58	1.48	1.6
	101.6	50.8	3.0	4.55	5.80	93.0	18.31	4.00	14.81	4.03	1.60	1.41	1.7



U 4" x 2"	101.6	50.8	2.5	3.83	4.87	79.12	15.57	4.03	12.55	3.40	1.60	1.38	1.73
	101.6	50.8	2.3	3.53	4.50	73.38	14.44	4.04	11.63	3.14	1.61	1.38	1.75
	101.6	50.8	2.0	3.90	3.93	64.59	12.71	4.05	10.21	2.75	1.61	1.36	1.77

DIMENSIONES Y PROPIEDADES PARA EL DISEÑO

DESIGNACION	D	B	t	Peso	Area (A)	Eje X-X			Eje Y-Y			x	eo
						I	S	r	l	s	r		
						cm4	cm3	cm	cm4	cm3	cm		
U 3" x 1 1/2"	76.2	38.1	4.5	4.86	6.19	51.89	13.62	2.89	8.5	3.19	1.17	1.16	1.12
	76.2	38.1	3.0	3.36	4.28	37.7	9.88	2.97	6.04	2.22	1.19	1.09	1.22
	76.2	38.1	2.5	2.83	3.60	32.3	8.47	2.99	5.15	1.88	1.20	1.07	1.26
	76.2	38.1	2.3	2.62	3.33	30.0	7.88	3.00	4.78	1.74	1.20	1.06	1.27
	76.2	38.1	2.0	2.29	2.92	26.5	9.96	3.02	4.21	1.52	1.20	1.04	1.29
U 9" x 3"	50.8	25.4	3.0	2.16	2.75	10.25	4.40	1.93	1.67	0.95	0.78	0.77	0.75
	50.8	25.4	2.5	1.83	2.33	8.9	3.51	1.95	1.44	0.80	0.79	0.75	0.78
	50.8	25.4	2.3	1.70	2.16	8.3	3.28	1.96	1.34	0.75	0.79	0.74	0.79
U 9" x 3"	228.6	76.2	4.5	1.29	16.48	122.5	107.10	8.62	84.70	14.35	2.27	1.72	2.23
	228.6	76.2	3.0	8.74	11.13	842.5	73.71	8.70	58.24	9.76	2.29	1.65	2.33
	228.6	76.2	2.5	7.32	9.32	709.4	62.07	8.72	49.03	8.19	2.29	1.63	2.37
	228.6	76.2	2.3	6.74	8.59	655.4	57.34	8.74	45.29	7.55	2.30	1.62	2.38
U 9" x 2"	228.6	76.2	4.5	11.14	14.19	937.7	82.04	8.13	26.55	6.47	1.37	0.97	1.15
	228.6	76.2	3.0	7.54	9.61	648.6	56.75	8.22	18.48	4.43	1.39	0.91	1.25
	228.6	76.2	2.5	6.32	8.05	547.1	47.87	8.24	15.62	3.73	1.39	0.89	1.28
	228.6	76.2	2.3	5.83	7.42	505.8	44.25	8.26	14.46	3.44	1.40	0.88	1.3
U 8" x 3"	203.2	76.2	4.5	12.04	15.34	925.2	91.06	7.77	81.94	14.15	2.31	1.83	2.33
	203.2	76.2	3.0	8.14	10.37	638.0	62.80	7.84	56.38	9.63	2.33	1.76	2.43
	203.2	76.2	2.5	6.82	8.68	537.7	52.92	7.87	47.48	8.08	2.34	1.74	2.47
	203.2	76.2	2.3	6.28	8.00	496.9	48.90	7.88	43.87	7.45	2.34	1.73	2.48
	203.2	76.2	2.0	5.48	6.98	434.9	42.81	7.89	38.39	6.51	2.34	1.72	2.5
U 8" x 2"	203.2	50.8	4.5	10.24	13.05	699.5	68.85	7.32	25.84	6.39	1.41	1.04	1.22
	203.2	50.8	3.0	6.95	8.85	485.3	47.77	7.41	17.99	4.38	1.43	0.97	1.32
	203.2	50.8	2.5	5.82	7.41	409.8	40.33	7.43	15.22	3.69	1.43	0.95	1.35
	203.2	50.8	2.3	5.37	6.84	379.0	37.30	7.45	14.08	3.41	1.44	0.94	1.37
	203.2	50.8	2.0	4.68	5.96	332.1	32.69	7.46	12.35	2.98	1.44	0.93	1.39
U 7" x 3"	177.8	76.2	4.5	11.14	14.19	675.2	75.95	6.90	78.74	13.91	2.36	1.96	2.43
	177.8	76.2	3.0	7.54	9.61	467.0	52.23	6.97	54.23	9.47	2.38	1.89	2.54
	177.8	76.2	2.5	6.32	8.05	393.9	44.31	7.00	45.68	7.95	2.38	1.87	2.57
	177.8	76.2	2.3	5.83	7.42	364.2	4.96	7.01	42.21	7.33	2.39	1.86	2.59
	177.8	76.2	2.0	5.80	6.47	319.0	35.88	7.02	36.95	6.40	2.39	1.85	2.61
U 7" x 2"	177.8	50.8	4.5	9.35	11.91	503.5	56.64	6.50	24.99	6.31	1.45	1.12	1.3
	177.8	50.8	3.0	6.35	8.09	350.0	39.44	6.58	17.42	4.33	1.47	1.05	1.4
	177.8	50.8	2.5	5.32	6.78	296.4	33.34	6.61	14.74	3.64	1.47	1.03	1.43
	177.8	50.8	2.3	4.91	6.25	274.2	30.84	6.62	13.64	3.36	1.48	1.02	1.45
	177.8	50.8	2.0	4.28	5.46	240.5	27.05	6.64	11.97	2.94	1.48	1.01	1.47



DIMENSIONES Y PROPIEDADES PARA EL DISEÑO

DESIGNACION	D	B	t	Peso	Area (A)	Eje X-X			Eje Y-Y			x	eo
						I	S	r	l	S	r		
						cm ⁴	cm ³	cm	cm ⁴	cm ³	cm		
U 12" x 3"	304.8	76.2	4.5	15.63	19.91	2457	161.20	11	91.1	14.79	2.14	1.46	1.98
	304.8	76.2	3.0	10.53	13.42	1681	110.30	11.19	62.5	10.05	2.16	1.40	2.08
	304.8	76.2	2.5	8.81	11.22	1413	92.73	11.22	52.63	8.43	2.17	1.38	2.12
	304.8	76.2	2.3	8.12	10.34	1305	85.61	11.23	48.61	7.78	2.17	1.37	2.13
	304.8	76.2	2.0	7.07	9.01	1140	74.83	11.25	42.52	6.79	2.17	1.36	2.15
U 12" x 2"	304.8	50.8	4.5	13.83	17.62	1942	127.40	10.50	28.16	6.62	1.26	0.83	0.97
	304.8	50.8	3.0	9.34	11.90	1334	87.55	10.59	19.59	4.53	1.28	0.76	1.07
	304.8	50.8	2.5	7.81	9.95	1123	73.69	10.62	16.53	3.81	1.29	0.74	1.1
	304.8	50.8	2.3	7.20	9.17	1037	68.07	10.63	15.29	3.52	1.29	0.73	1.12
	304.8	50.8	2.0	6.28	8.00	907.5	59.55	10.65	13.41	3.08	1.29	0.72	1.14
U 11" X 3"	279.4	76.2	4.5	14.73	18.77	1987	142.20	10.29	89	14.67	2.18	1.54	2.06
	279.4	76.2	3.0	9.94	12.66	1362	97.47	10.37	61.3	9.97	2.20	1.47	2.16
	279.4	76.2	2.5	8.31	10.59	1145	81.97	10.40	51.58	8.36	2.21	1.45	2.19
	279.4	76.2	2.3	7.66	9.76	1057	75.69	10.41	47.64	7.71	2.21	1.44	2.21
U 11" X 2"	279.4	50.8	4.5	12.94	16.48	1555	111.30	9.71	27.69	6.58	1.30	0.87	1.02
	279.4	50.8	3.0	8.74	11.13	1071	76.64	9.81	19.25	4.50	1.31	0.81	1.12
	279.4	50.8	2.5	7.32	9.32	901.7	64.55	9.84	16.27	3.79	1.32	0.78	1.16
	279.4	50.8	2.3	6.74	8.59	833.1	59.64	9.85	15.05	3.50	1.32	0.78	1.17
U 10" X 3"	254.0	76.2	4.5	13.83	17.62	1577	124.20	9.46	87.1	14.52	2.22	1.62	2.14
	254.0	76.2	3.0	9.34	11.90	1083	85.27	9.54	59.85	9.87	2.24	1.56	2.24
	254.0	76.2	2.5	7.81	9.95	911.2	71.75	9.57	50.39	8.28	2.25	1.54	2.24
	254.0	76.2	2.3	7.20	9.17	841.6	66.27	9.58	46.54	7.64	2.25	1.53	2.29
U 10" X 2"	254.0	50.8	4.5	12.04	15.34	1222	96.19	8.92	27.17	6.53	1.33	0.92	1.08
	254.0	50.8	3.0	8.14	10.37	842.9	66.37	9.01	18.89	4.47	1.35	0.85	1.18
	254.0	50.8	2.5	6.02	8.60	710.4	55.94	9.04	15.97	3.76	1.36	0.82	1.22
	254.0	50.8	2.3	6.28	8.00	656.5	51.70	9.06	14.77	3.47	1.36	0.82	1.23
254.0	50.8	2.0	5.48	6.98	574.8	45.26	9.07	12.96	3.04	1.36	0.81	1.25	

Longitud Comercial: 6 mts

- Otros largos consultar con su Representante de Ventas

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