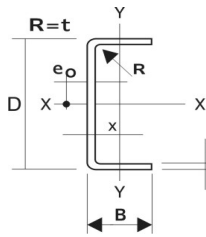


Descripción: Perfiles que son conformados ya sea por plegado en una prensa mediante un Proceso de perfilado Continuo (Roll Forming). Así obtenemos los perfiles U, C, Z.

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	41min	18 min
ASTM A-570 Grado 36	25.3 min	37 min	18 min
ASTM A-569	---	30 min	25 min

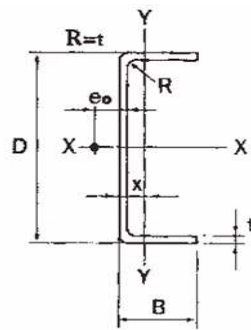
DIMENSIONES Y PROPIEDADES PARA DISEÑO

Designación	D	B	t	Peso	Area (A)	Eje X - X			Eje Y - Y			x	eo
						I	S	r	I	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	61.8	6.01	74.98	13.61	2.4	2.11	2.51
	152.4	76.2	3	6.95	8.85	327	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	6.1	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	4.68	5.96	223.9	29.38	6.13	35.26	6.27	2.43	2	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	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	3.88	4.95	166.4	21.84	5.8	11.5	2.89	1.52	1.1	1.56
U 5" x 2"	127.0	50.8	4.5	7.55	9.62	223	35.12	4.81	22.7	6.05	1.54	1.33	1.48
	127.0	50.8	3	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	3.5	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	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	21.1	5.86	1.58	1.48	1.6
	101.6	50.8	3	4.55	5.8	93.02	18.31	4	14.81	4.03	1.6	1.41	1.7
	101.6	50.8	2.5	3.83	4.87	79.12	15.57	4.03	12.55	3.4	1.6	1.38	1.73
	101.6	50.8	2.3	3.53	4.5	73.38	14.44	4.04	11.63	3.14	1.61	1.38	1.75
	101.6	50.8	2	3.9	3.93	64.59	12.71	4.05	10.21	2.75	1.61	1.36	1.77

DIMENSIONES Y PROPIEDADES PARA DISEÑO

Designación	D	B	t	Peso	Area (A)	Eje X - X			Eje Y - Y			x	eo
						I	S	r	I	S	r		
						cm ⁴	cm ³	cm	cm ⁴	cm ³	cm		
U 3" x 1 1/2"	76.2	38.1	4.5	4.86	6.19	51.89	13.62	2.89	8.45	3.19	1.17	1.16	1.12
	76.2	38.1	3	3.36	4.28	37.66	9.88	2.97	6.04	2.22	1.19	1.09	1.22
	76.2	38.1	2.5	2.83	3.6	32.26	8.47	2.99	5.15	1.88	1.2	1.07	1.26
	76.2	38.1	2.3	2.62	3.33	30.01	7.88	3	4.78	1.74	1.2	1.06	1.27
	76.2	38.1	2	2.29	2.92	26.52	9.96	3.02	4.21	1.52	1.2	1.04	1.29
U 2" x 1"	50.8	25.4	3	2.16	2.75	10.25	4.4	1.93	1.67	0.95	0.78	0.77	0.75
	50.8	25.4	2.5	1.83	2.33	8.92	3.51	1.95	1.44	0.8	0.79	0.75	0.78
	50.8	25.4	2.3	1.7	2.16	8.34	3.28	1.96	1.34	0.75	0.79	0.74	0.79

	50.8	25.4	2	1.49	1.9	7.44	2.93	1.98	1.19	0.66	0.79	0.73	0.82
U 9" x 3"	228.6	76.2	4.5	1.294	16.48	122.5	107.1	8.62	84.7	14.35	2.27	1.72	2.23
	228.6	76.2	3	8.74	11.13	842.5	73.71	8.7	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	2.3	1.62	2.38
U 9" x 2"	228.6	76.2	2	5.88	7.49	573.4	50.17	8.75	39.63	6.59	2.3	1.61	2.4
	228.6	50.8	4.5	11.14	14.19	937.7	82.04	8.13	26.55	6.47	1.37	0.97	1.15
	228.6	50.8	3	7.54	9.61	648.6	56.75	8.22	18.48	4.43	1.39	0.91	1.25
	228.6	50.8	2.5	6.32	8.05	547.1	47.87	8.24	15.62	3.73	1.39	0.89	1.28
	228.6	50.8	2.3	5.83	7.42	505.8	44.25	8.26	14.46	3.44	1.4	0.88	1.3
U 8" x 3"	203.2	76.2	2	5.08	6.47	443	38.76	8.27	12.68	3.01	1.4	0.87	1.32
	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	8.14	10.37	638	62.8	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	496.9	48.9	7.88	43.87	7.45	2.34	1.73	2.48
U 8" x 2"	203.2	76.2	2	5.48	6.98	434.9	42.81	7.89	38.39	6.51	2.34	1.72	2.5
	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	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	37.3	7.45	14.08	3.41	1.44	0.94	1.37
U 7" x 3"	177.8	76.2	2	4.68	5.96	332.1	32.69	7.46	12.35	2.98	1.44	0.93	1.39
	177.8	76.2	4.5	11.14	14.19	675.2	75.95	6.9	78.74	13.91	2.36	1.96	2.43
	177.8	76.2	3	7.54	9.61	467	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	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
U 7" x 2"	177.8	76.2	2	5.8	6.47	319	35.88	7.02	36.95	6.4	2.39	1.85	2.61
	177.8	50.8	4.5	9.35	11.91	503.5	56.64	6.5	24.99	6.31	1.45	1.12	1.3
	177.8	50.8	3	6.35	8.09	350	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	4.28	5.46	240.5	27.05	6.64	11.97	2.94	1.48	1.01	1.47



Designación	D mm	B mm	t mm	Peso Kg/m	Area (A) cm2	Eje X - X			Eje Y - Y			x cm	eo cm
						I cm4	S cm3	r cm	I cm4	S cm3	r cm		
U 12" x 3"	304.8	76.2	4.5	15.63	19.91	2457	161.2	11.11	91.1	14.79	2.14	1.46	1.98
	304.8	76.2	3	10.53	13.42	1681	110.3	11.19	62.54	10.05	2.16	1.4	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	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	127.4	10.5	28.16	6.62	1.26	0.83	0.97
	304.8	50.8	3	9.34	11.9	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	7.2	9.17	1037	68.07	10.63	15.29	3.52	1.29	0.73	1.12
	304.8	50.8	2	6.28	8	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	142.2	10.29	89.22	14.67	2.18	1.54	2.06
	279.4	76.2	3	9.94	12.66	1362	97.47	10.37	61.28	9.97	2.2	1.47	2.16
	279.4	76.2	2.5	8.31	10.59	1145	81.97	10.4	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
	279.4	76.2	2	6.68	8.5	924.5	66.18	10.43	41.68	6.73	2.21	1.43	2.23
U 11" x 2"	279.4	50.8	4.5	12.94	16.48	1555	111.3	9.71	27.69	6.58	1.3	0.87	1.02
	279.4	50.8	3	8.74	11.13	1071	76.64	9.81	19.25	4.5	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	3.5	1.32	0.78	1.17

	279.4	50.8	2	5.88	7.49	729	52.19	9.87	13.2	3.06	1.33	0.76	1.19
U 10" x 3"	254	76.2	4.5	13.83	17.62	1577	124.2	9.46	87.11	14.52	2.22	1.62	2.14
	254	76.2	3	9.34	11.9	1083	85.27	9.54	59.85	9.87	2.24	1.56	2.24
	254	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	76.2	2.3	7.2	9.17	841.6	66.27	9.58	46.54	7.64	2.25	1.53	2.29
	254	76.2	2	6.28	8	736.1	57.96	9.59	40.72	6.67	2.26	1.51	2.31
U 10" x 2"	254	50.8	4.5	12.04	15.34	1222	96.19	8.92	27.17	6.53	1.33	0.92	1.08
	254	50.8	3	8.14	10.37	842.9	66.37	9.01	18.89	4.47	1.35	0.85	1.18
	254	50.8	2.5	6.82	8.68	710.4	55.94	9.04	15.97	3.76	1.36	0.83	1.22
	254	50.8	2.3	6.28	8	656.5	51.7	9.06	14.77	3.47	1.36	0.82	1.23
	254	50.8	2	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 Venta.