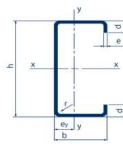


PERFIL C

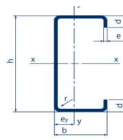
Medidas y características geométricas



DESIGNACIÓN DE PERFIL	ALTAURA (alma)	ALA (rama)	ALA RIG. (rigidizador)	ESPESOR	RADIO DE ACUERDO	ÁREA NOMINAL DE LA SECCIÓN	MASA NOMINAL	DISTANCIAS AL CENTRO DE GRAVEDAD (I)	MOMENTOS DE INERCIA (I)		MÓDULOS RESISTENTES (I)		RADIOS DE GIRO (I)	
	h	b	d	e	r	S	G	ey	I _x	I _y	W _x	W _y	i _x	i _y
	mm	mm	mm	mm	mm	Cm ²	Kg/m	Cm	Cm ⁴	Cm ⁴	Cm ³	Cm ³	Cm	Cm
(#) PC 80x40x15 x 1.60	80	40	15	1.60	1.60	2.87	2.25	1.31	29.03	6.73	7.26	2.66	3.18	1.53
PC 80x40x15 x 1.80	80	40	15	1.80	1.80	3.21	2.52	1.28	32.21	7.43	8.05	2.93	3.17	1.52
(#) PC 80x40x15 x 2.00	80	40	15	2.00	2.00	3.54	2.78	1.26	35.25	8.07	8.81	3.18	3.16	1.51
PC 80x40x15 x 2.50	80	40	15	2.50	2.50	4.34	3.41	1.21	42.45	9.56	10.61	3.76	3.13	1.48
(#) PC 80x50x15 x 1.60	80	50	15	1.60	1.60	3.19	2.51	1.73	33.95	11.46	8.49	3.69	3.26	1.89
(#) PC 80x50x15 x 2.00	80	50	15	2.00	2.00	3.94	3.09	1.69	41.33	13.82	10.33	4.44	3.24	1.87
PC 80x50x15 x 2.50	80	50	15	2.50	2.50	4.84	3.80	1.64	50.01	16.53	12.50	5.31	3.21	1.85
(#) PC 80x50x20 x 1.60	80	50	20	1.60	1.60	3.35	2.63	1.88	34.76	12.85	8.69	4.34	3.22	1.96
(#) PC 80x50x20 x 2.00	80	50	20	2.00	2.00	4.14	3.25	1.84	42.35	15.54	10.59	5.24	3.20	1.94
PC 100x40x10 x 1.60	100	40	10	1.60	1.60	3.03	2.38	1.03	46.72	6.16	9.34	2.19	3.93	1.43
PC 100x40x10 x 2.00	100	40	10	2.00	2.00	3.74	2.93	0.99	56.84	7.36	11.37	2.62	3.90	1.40
PC 100x40x15 x 1.60	100	40	15	1.60	1.60	3.19	2.51	1.17	48.97	7.30	9.79	2.73	3.92	1.51
PC 100x40x15 x 2.00	100	40	15	2.00	2.00	3.94	3.09	1.12	59.66	8.76	11.93	3.27	3.89	1.49
PC 100x45x10 x 1.60	100	45	10	1.60	1.60	3.19	2.51	1.22	50.59	8.25	10.12	2.52	3.98	1.61
PC 100x45x10 x 2.00	100	45	10	2.00	2.00	3.94	3.09	1.18	61.65	9.89	12.33	3.47	3.96	1.58
PC 100x45x15 x 1.60	100	45	15	1.60	1.60	3.35	2.63	1.36	52.85	9.66	10.57	3.08	3.97	1.70
PC 100x45x15 x 2.00	100	45	15	2.00	2.00	4.14	3.25	1.32	64.46	11.63	12.89	3.66	3.95	1.68
PC 100x50x10 x 1.60	100	50	10	1.60	1.60	3.35	2.63	1.42	54.47	10.72	10.89	3.13	4.03	1.79
(#) PC 100x50x15 x 1.60	100	50	15	1.60	1.60	3.51	2.76	1.57	56.70	12.41	11.34	3.79	4.02	1.88
PC 100x50x15 x 1.80	100	50	15	1.80	1.80	3.93	3.08	1.55	63.07	13.74	12.61	4.20	4.01	1.87
(#) PC 100x50x15 x 2.00	100	50	15	2.00	2.00	4.34	3.40	1.53	69.23	14.98	13.85	4.57	4.00	1.86
PC 100x50x15 x 2.50	100	50	15	2.50	2.50	5.34	4.19	1.47	83.99	17.90	16.80	5.46	3.97	1.83
(#) PC 100x50x20 x 1.60	100	50	20	1.60	1.60	3.67	2.88	1.71	58.39	13.97	11.68	4.46	3.99	1.95
(#) PC 100x50x20 x 2.00	100	50	20	2.00	2.00	4.54	3.56	1.67	71.35	16.91	14.27	5.39	3.97	1.93
(#) PC 100x50x20 x 2.50	100	50	20	2.50	2.50	5.59	4.39	1.61	86.64	20.28	17.33	6.46	3.94	1.90
PC 100x50x20 x 2.85	100	50	20	2.85	2.85	6.31	4.95	1.58	96.85	22.50	19.37	7.17	3.92	1.89
PC 100x50x20 x 3.20	100	50	20	3.20	3.20	7.01	5.50	1.54	106.53	24.54	21.31	7.81	3.90	1.87
PC 120x40x15 x 2.00	120	40	15	2.00	2.00	4.34	3.40	1.01	91.92	9.30	15.32	3.34	4.60	1.46
PC 120x40x15 x 3.20	120	40	15	3.20	3.20	6.69	5.25	0.89	136.78	13.13	22.80	4.70	4.52	1.40
PC 120x45x12 x 1.60	120	45	12	1.60	1.60	3.58	2.81	1.16	78.81	9.37	13.14	2.94	4.69	1.62
PC 120x45x12 x 2.00	120	45	12	2.00	2.00	4.42	3.47	1.12	96.29	11.26	16.05	3.54	4.67	1.60
(#) PC 120x50x15 x 1.60	120	50	15	1.60	1.60	3.83	3.01	1.43	86.48	13.21	14.41	3.87	4.75	1.86
PC 120x50x15 x 1.80	120	50	15	1.80	1.80	4.29	3.37	1.41	96.28	14.62	16.05	4.29	4.74	1.85
(#) PC 120x50x15 x 2.00	120	50	15	2.00	2.00	4.74	3.72	1.39	105.80	15.95	17.63	4.67	4.73	1.83
PC 120x50x15 x 2.50	120	50	15	2.50	2.50	5.84	4.58	1.39	128.78	19.11	21.46	5.60	4.70	1.81
PC 120x50x15 x 3.20	120	50	15	3.20	3.20	7.33	5.75	1.26	158.61	22.98	26.44	6.72	4.65	1.77
(#) PC 120x50x20 x 1.60	120	50	20	1.60	1.60	3.99	3.13	1.56	89.37	14.91	14.89	4.55	4.73	1.93
(#) PC 120x50x20 x 2.00	120	50	20	2.00	2.00	4.94	3.88	1.52	109.42	18.05	18.24	5.51	4.71	1.91
(#) PC 120x50x20 x 2.50	120	50	20	2.50	2.50	6.09	4.78	1.47	133.22	21.66	22.20	6.60	4.68	1.89
(#) PC 120x50x20 x 3.20	120	50	20	3.20	3.20	7.65	6.00	1.40	164.23	26.15	27.37	7.96	4.63	1.85
PC 120x60x20 x 1.80	120	60	20	1.80	1.80	4.83	3.79	1.95	112.11	25.41	18.69	6.57	4.82	2.29
PC 120x60x20 x 2.00	120	60	20	2.00	2.00	5.34	4.19	1.93	123.39	27.84	20.56	7.19	4.81	2.28
PC 120x60x20 x 2.50	120	60	20	2.50	2.50	6.59	5.17	1.88	150.56	33.60	25.09	8.67	4.78	2.26
PC 120x60x20 x 3.20	120	60	20	3.20	3.20	8.29	6.51	1.80	186.23	40.90	31.04	10.55	4.74	2.22
PC 140x50x10 x 1.60	140	50	10	1.60	1.60	3.99	3.13	1.18	118.65	11.92	16.95	3.25	5.45	1.73
PC 140x50x10 x 2.00	140	50	10	2.00	2.00	4.94	3.88	1.13	145.28	14.34	20.75	3.91	5.42	1.72
PC 140x50x10 x 2.50	140	50	10	2.50	2.50	6.09	4.78	1.08	176.91	17.08	25.27	4.65	5.39	1.67
PC 140x50x15x 1.60	140	50	15	1.60	1.60	4.15	3.26	1.31	123.94	13.90	17.71	3.94	5.46	1.83
(#) PC 140x50x15 x 2.00	140	50	15	2.00	2.00	5.14	4.03	1.27	151.85	16.76	21.69	4.75	5.44	1.81
PC 140x50x15 x 2.50	140	50	15	2.50	2.50	6.34	4.98	1.22	185.18	20.09	26.45	5.69	5.40	1.78
PC 140x50x20 x 1.60	140	50	20	1.60	1.60	4.31	3.38	1.44	128.36	15.73	18.34	4.63	5.46	1.91
(#) PC 140x50x20 x 2.00	140	50	20	2.00	2.00	5.34	4.19	1.40	157.36	19.03	22.48	5.60	5.43	1.89
(#) PC 140x50x20 x 2.50	140	50	20	2.50	2.50	6.59	5.17	1.35	191.98	22.84	27.43	6.71	5.40	1.86
(#) PC 140x50x20 x 3.20	140	50	20	3.20	3.20	8.29	6.51	1.27	231.85	26.76	31.69	7.96	5.44	1.81
(#) PC 140x60x15 x 2.00	140	60	15	2.00	2.00	5.54	4.35	1.65	170.89	26.18	24.41	6.30	5.56	2.17
(#) PC 140x60x20 x 1.60	140	60	20	1.60	1.60	4.63	3.64	1.83	143.65	24.14	20.52	6.02	5.57	2.28
PC 140x60x20 x 1.80	140	60	20	1.80	1.80	5.19	4.07	1.81	160.22	26.80	22.89	6.68	5.56	2.27
(#) PC 140x60x20 x 2.00	140	60	20	2.00	2.00	5.74	4.50	1.79	176.41	29.35	25.20	7.32	5.55	2.26
(#) PC 140x60x20 x 2.50	140	60	20	2.50	2.50	7.09	5.56	1.74	215.62	35.41	30.80	8.82	5.52	2.23
(#) PC 140x60x20 x 3.20	140	60	20	3.20	3.20	8.93	7.01	1.66	267.31	43.08	38.19	10.72	5.47	2.20
PC 150x100x30 x 3.20	150	100	30	3.20	3.20	12.45	9.77	3.56	468.75	179.17	62.50	29.28	6.14	3.79
PC 150x100x30 x 4.75	150	100	30	4.75	4.75	17.99	14.12	3.39	660.06	248.07	88.01	40.46	6.06	3.71
PC 150x100x40 x 3.20	150	100	40	3.20	3.20	13.09	10.27	3.85	479.05	200.80	63.87	34.45	6.05	3.92
PC 150x100x40 x 4.75	150	100	40	4.75	4.75	18.94	14.87	3.69	675.34	279.44	90.05	47.88	5.97	3.84

PERFIL C

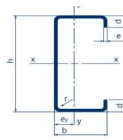
Medidas y características geométricas



DESIGNACIÓN DE PERFIL	ALTURA (alma)	ALA (rama)	ALA RIG. (rigidizador)	ESPESOR	RADIO DE ACUERDO	ÁREA NOMINAL DE LA SECCIÓN	MASA NOMINAL	DISTANCIAS AL CENTRO DE GRAVEDAD (I)	MOMENTOS DE INERCIA (I)		MÓDULOS RESISTENTES (I)		RADIOS DE GIRO (I)	
	h	b	d	e	r	S	G	ey	I _x	I _y	W _x	W _y	i _x	i _y
	mm	mm	mm	mm	mm	Cm ²	Kg/m	Cm	Cm ⁴	Cm ⁴	Cm ³	Cm ³	Cm	Cm
PC 160x50x15 x 2.00	160	50	15	2.00	2.00	5.54	4.35	1.17	208.23	17.49	26.03	4.82	6.13	1.78
PC 160x50x20 x 2.00	160	50	20	2.00	2.00	5.74	4.50	1.30	216.04	19.89	27.01	5.68	6.14	1.86
PC 160x50x20 x 2.50	160	50	20	2.50	2.50	7.09	5.56	1.24	264.03	23.90	33.00	6.82	6.10	1.84
PC 160x55x15 x 2.00	160	55	15	2.00	2.00	5.74	4.50	1.35	220.71	22.09	27.59	5.59	6.20	1.96
PC 160x60x15 x 1.60	160	60	15	1.60	1.60	4.79	3.76	1.57	189.76	22.53	23.72	5.28	6.29	2.17
PC 160x60x15 x 2.00	160	60	15	2.00	2.00	5.94	4.66	1.53	233.19	27.35	29.15	6.49	6.27	2.15
PC 160x60x20 x 1.60	160	60	20	1.60	1.60	4.95	3.89	1.71	195.98	25.23	24.50	6.11	6.29	2.26
PC 160x60x20 x 2.00	160	60	20	2.00	2.00	6.14	4.82	1.67	240.95	30.68	30.12	7.42	6.27	2.24
PC 160x60x20 x 2.50	160	60	20	2.50	2.50	7.59	5.96	1.61	294.93	37.03	36.87	8.95	6.23	2.21
PC 160x60x20 x 2.85	160	60	20	2.85	2.85	8.59	6.74	1.58	331.43	41.25	41.43	9.97	6.21	2.19
PC 160x60x20 x 3.20	160	60	20	3.20	3.20	9.57	7.51	1.54	366.41	45.06	45.80	10.89	6.19	2.17
PC 160x60x20 x 4.75	160	60	20	4.75	4.75	13.72	10.77	1.38	508.69	59.89	63.59	14.44	6.09	2.09
PC 160x60x25 x 1.60	160	60	25	1.60	1.60	5.11	4.01	1.83	201.31	27.79	25.16	6.94	6.28	2.33
PC 160x60x25 x 2.50	160	60	25	2.50	2.50	7.84	6.15	1.74	303.32	40.98	37.91	10.22	6.22	2.29
PC 160x60x25 x 3.20	160	60	25	3.20	3.20	9.89	7.76	1.67	376.99	49.97	47.12	12.46	6.18	2.25
PC 160x60x25 x 4.75	160	60	25	4.75	4.75	14.19	11.14	1.51	524.40	66.91	65.55	16.66	6.08	2.17
PC 160x80x25 x 3.20	160	80	25	3.20	3.20	11.17	8.77	2.47	455.91	99.96	56.99	19.18	6.39	2.99
PC 180x60x20 x 1.60	180	60	20	1.60	1.60	5.27	4.14	1.60	258.25	26.21	28.69	6.18	7.00	2.23
PC 180x60x20 x 2.00	180	60	20	2.00	2.00	6.54	5.13	1.56	317.83	31.88	35.31	7.52	6.97	2.21
PC 180x60x20 x 2.50	180	60	20	2.50	2.50	8.09	6.35	1.51	389.55	38.50	43.28	9.07	6.94	2.18
PC 180x60x20 x 3.20	180	60	20	3.20	3.20	10.21	8.01	1.43	484.89	46.92	53.88	11.05	6.89	2.14
PC 180x70x15 x 1.60	180	70	15	1.60	1.60	5.43	4.26	1.83	275.30	34.06	30.59	6.80	7.12	2.50
PC 180x70x15 x 2.00	180	70	15	2.00	2.00	6.74	5.29	1.79	339.00	41.47	37.67	8.27	7.09	2.48
PC 180x70x20 x 2.00	180	70	20	2.00	2.00	6.94	5.45	1.93	349.45	46.13	38.83	9.47	7.10	2.58
PC 180x70x20 x 2.50	180	70	20	2.50	2.50	8.59	6.74	1.87	428.81	55.89	47.65	11.46	7.07	2.55
PC 180x70x20 x 3.20	180	70	20	3.20	3.20	10.85	8.51	1.80	534.65	68.42	59.41	14.02	7.02	2.51
PC 180x70x25 x 1.60	180	70	25	1.60	1.60	5.75	4.52	2.10	291.01	41.41	32.33	8.74	7.11	2.68
PC 180x70x25 x 2.00	180	70	25	2.00	2.00	7.14	5.60	2.06	358.56	50.56	39.84	10.67	7.09	2.66
PC 180x70x25 x 2.50	180	70	25	2.50	2.50	8.84	6.94	2.01	440.20	61.37	48.91	12.95	7.06	2.64
PC 180x70x25 x 2.85	180	70	25	2.85	2.85	10.01	7.86	1.97	495.67	68.63	55.07	14.47	7.04	2.62
PC 180x70x25 x 3.20	180	70	25	3.20	3.20	11.17	8.77	1.94	549.24	75.35	61.03	15.88	7.01	2.60
PC 180x70x25 x 4.75	180	70	25	4.75	4.75	19.09	12.63	1.77	770.02	102.05	85.56	21.48	6.92	2.52
PC 180x80x25 x 2.00	180	80	25	2.00	2.00	7.54	5.92	2.45	390.32	69.35	43.37	12.97	7.20	3.03
PC 180x80x25 x 2.50	180	80	25	2.50	2.50	9.34	7.33	2.40	479.72	84.45	53.30	15.79	7.17	3.01
PC 180x80x30 x 2.00	180	80	30	2.00	2.00	7.74	6.07	2.59	398.13	74.72	44.24	14.34	7.17	3.11
PC 180x80x30 x 2.50	180	80	30	2.50	2.50	9.59	7.53	2.54	489.49	91.10	54.39	17.48	7.14	3.08
PC 200x60x20 x 2.00	200	60	20	2.00	2.00	6.94	5.45	1.46	407.73	32.92	40.77	7.59	7.67	2.18
PC 200x60x20 x 2.50	200	60	20	2.50	2.50	8.59	6.74	1.40	500.24	39.76	50.02	9.16	7.63	2.15
PC 200x60x20 x 3.20	200	60	20	3.20	3.20	10.85	8.51	1.34	623.57	48.45	62.36	11.16	7.58	2.11
PC 200x70x25 x 2.00	200	70	25	2.00	2.00	7.54	5.92	1.95	458.87	52.33	45.89	10.78	7.80	2.63
PC 200x70x25 x 2.50	200	70	25	2.50	2.50	9.34	7.33	1.89	563.87	63.53	56.39	13.08	7.77	2.61
PC 200x70x25 x 3.20	200	70	25	3.20	3.20	11.81	9.27	1.82	704.48	78.01	70.45	16.06	7.72	2.57
PC 200x80x15 x 1.60	200	80	15	1.60	1.60	6.07	4.77	2.08	383.12	48.87	38.31	8.49	7.94	2.84
PC 200x80x15 x 2.00	200	80	15	2.00	2.00	7.54	5.92	2.04	472.52	59.67	47.25	10.36	7.92	2.81
PC 200x80x20 x 2.00	200	80	20	2.00	2.00	7.74	6.07	2.19	486.14	65.91	48.61	11.74	7.93	2.92
PC 200x80x20 x 2.50	200	80	20	2.50	2.50	9.59	7.53	2.13	597.76	80.13	59.78	14.27	7.90	2.89
PC 200x80x20 x 3.20	200	80	20	3.20	3.20	12.13	9.52	2.06	747.52	98.61	74.75	17.54	7.85	2.85
PC 200x80x25 x 1.60	200	80	25	1.60	1.60	6.39	5.02	2.37	403.63	58.67	40.36	10.72	7.95	3.03
PC 200x80x25 x 2.00	200	80	25	2.00	2.00	7.94	6.23	2.33	498.07	71.80	49.81	13.12	7.92	3.01
PC 200x80x25 x 2.50	200	80	25	2.50	2.50	9.84	7.72	2.27	612.63	87.41	61.26	15.96	7.89	2.98
PC 200x80x25 x 3.20	200	80	25	3.20	3.20	12.45	9.77	2.20	766.45	107.76	76.64	19.66	7.85	2.94
PC 200x80x25 x 4.75	200	80	25	4.75	4.75	17.99	14.12	2.03	1081.12	147.25	108.11	26.82	7.75	2.86
PC 200x80x30 x 1.60	200	80	30	1.60	1.60	6.55	5.14	2.50	412.04	63.21	41.20	11.84	7.93	3.11
PC 200x80x30 x 2.00	200	80	30	2.00	2.00	8.14	6.39	2.46	508.67	77.47	50.87	14.50	7.91	3.09
PC 200x80x30 x 2.50	200	80	30	2.50	2.50	10.09	7.92	2.41	625.93	94.47	62.59	17.68	7.88	3.06
PC 200x80x30 x 3.20	200	80	30	3.20	3.20	12.77	10.02	2.33	783.57	116.75	78.36	21.83	7.83	3.02
PC 200x85x30 x 3.20	200	85	30	3.20	3.20	13.09	10.27	2.53	814.56	134.86	81.46	23.87	7.89	3.21
PC 200x100x25 x 3.20	200	100	25	3.20	3.20	13.73	10.78	2.99	890.69	185.46	89.07	27.71	8.06	3.68
PC 200x100x25 x 4.75	200	100	25	4.75	4.75	19.89	15.61	2.82	1262.24	256.36	126.22	38.23	7.97	3.59
PC 200x100x30 x 4.75	200	100	30	4.75	4.75	20.37	15.99	2.97	1287.22	275.78	128.72	42.07	7.95	3.68
PC 220x50x15 x 1.80	220	50	15	1.80	1.80	6.09	4.78	0.97	405.35	17.48	36.85	4.53	8.16	1.69
PC 220x50x15 x 2.00	220	50	15	2.00	2.00	6.74	5.29	0.95	446.85	19.09	40.62	4.95	8.14	1.68
PC 220x50x15 x 3.20	220	50	15	3.20	3.20	10.53	8.26	0.83	681.34	27.50	61.94	7.14	8.05	1.62
PC 220x60x20 x 2.00	220	60	20	2.00	2.00	7.34	5.76	1.38	511.50	33.84	46.50	7.65	8.35	2.15
PC 220x60x20 x 2.50	220	60	20	2.50	2.50	9.09	7.13	1.33	628.10	40.87	57.10	9.24	8.31	2.12
PC 220x60x20 x 3.20	220	60	20	3.20	3.20	11.49	9.02	1.26	783.94	49.82	71.27	11.26	8.26	2.08

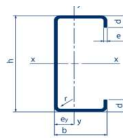
PERFIL C

Medidas y características geométricas



DESIGNACIÓN DE PERFIL	ALTIMA (alma)	ALA (rama)	ALA RIG. (rigidizador)	ESPESOR	RADIO DE ACUERDO	ÁREA NOMINAL DE LA SECCIÓN	MASA NOMINAL	DISTANCIAS AL CENTRO DE GRAVEDAD (I)	MOMENTOS DE INERCIA (I)		MÓDULOS RESISTENTES (I)		RADIOS DE GIRO (I)	
	h	b	d	e	r	S	G	ey	I _x	I _y	W _x	W _y	i _x	i _y
	mm	mm	mm	mm	mm	Cm ²	Kg/m	Cm	Cm ⁴	Cm ⁴	Cm ³	Cm ³	Cm	Cm
PC 220x70x25 x 2.00	220	70	25	2.00	2.00	7.94	6.23	1.84	574.34	53.95	52.21	10.89	8.51	2.61
PC 220x70x25 x 2.50	220	70	25	2.50	2.50	9.84	7.72	1.79	706.38	65.54	64.22	13.22	8.47	2.58
PC 220x70x25 x 3.20	220	70	25	3.20	3.20	12.45	9.77	1.72	883.65	80.54	80.33	16.24	8.43	2.54
PC 220x80x20 x 2.00	220	80	20	2.00	2.00	8.14	6.39	2.07	606.55	67.90	55.14	11.86	8.63	2.89
PC 220x80x20 x 2.50	220	80	25	2.00	2.00	8.34	6.54	2.21	621.77	74.04	56.52	13.24	8.64	2.98
PC 220x80x25 x 2.00	220	80	25	2.00	2.00	8.34	6.54	2.21	621.77	74.04	56.52	13.24	8.64	2.98
PC 220x80x25 x 2.50	220	80	25	2.50	2.50	10.34	8.12	2.16	765.36	90.14	69.58	16.12	8.60	2.95
PC 220x80x25 x 3.20	220	80	25	3.20	3.20	13.09	10.27	2.08	958.53	111.14	87.14	19.86	8.56	2.91
PC 220x80x25 x 4.75	220	80	25	4.75	4.75	18.94	14.87	1.92	1355.24	151.93	123.20	27.11	8.46	2.83
PC 220x80x30 x 2.00	220	80	30	2.00	2.00	8.54	6.70	2.34	635.48	79.97	57.77	14.64	8.63	3.06
PC 220x80x30 x 2.50	220	80	30	2.50	2.50	10.59	8.31	2.29	782.54	97.52	71.14	17.85	8.60	3.03
PC 220x80x30 x 4.75	220	80	30	4.75	4.75	19.42	15.24	2.05	1387.58	165.28	126.14	30.20	8.45	2.92
PC 220x90x25 x 2.00	220	90	25	2.00	2.00	8.74	6.86	2.59	669.39	98.10	60.85	15.79	8.75	3.35
PC 220x90x25 x 2.50	220	90	25	2.50	2.50	10.84	8.51	2.53	824.66	119.74	74.97	19.26	8.72	3.32
PC 220x90x25 x 3.20	220	90	25	3.20	3.20	13.73	10.78	2.46	1034.07	148.17	94.01	23.82	8.68	3.29
PC 240x60x20 x 2.00	240	60	20	2.00	2.00	7.74	6.07	1.30	629.94	34.67	52.50	7.71	9.02	2.12
PC 240x80x20 x 2.00	240	80	20	2.00	2.00	8.54	6.70	1.97	743.13	69.66	61.93	11.95	9.33	2.86
PC 240x80x20 x 2.50	240	80	20	2.50	2.50	10.59	8.31	1.92	914.98	84.68	76.25	14.53	9.30	2.83
PC 240x80x20 x 3.20	240	80	20	3.20	3.20	13.41	10.52	1.85	1146.37	104.16	95.53	17.86	9.25	2.79
PC 240x80x25 x 2.00	240	80	25	2.00	2.00	8.74	6.86	2.10	762.25	76.11	63.52	13.36	9.34	2.95
PC 240x80x25 x 2.50	240	80	25	2.50	2.50	10.84	8.51	2.05	938.94	92.71	78.24	16.27	9.31	2.92
PC 240x80x25 x 3.20	240	80	25	3.20	3.20	13.73	10.78	1.98	1177.15	114.38	98.10	20.06	9.26	2.89
PC 240x80x25 x 4.75	240	80	25	4.75	4.75	19.89	15.61	1.82	1667.25	156.16	138.94	27.36	9.16	2.80
PC 240x80x30 x 2.00	240	80	30	2.00	2.00	8.94	7.02	2.23	779.36	82.24	64.95	14.76	9.34	3.03
PC 240x80x30 x 2.50	240	80	30	2.50	2.50	11.09	8.70	2.18	960.33	100.30	80.03	18.00	9.31	3.01
PC 240x80x30 x 3.20	240	80	30	3.20	3.20	14.05	11.03	2.11	1204.54	123.98	100.38	22.24	9.26	2.97
PC 240x90x25 x 2.00	240	90	25	2.00	2.00	9.14	7.17	2.47	818.89	100.86	68.24	15.93	9.47	3.32
PC 240x90x25 x 2.50	240	90	25	2.50	2.50	11.34	8.90	2.42	1009.45	123.12	84.12	19.44	9.44	3.30
PC 240x90x25 x 3.20	240	90	25	3.20	3.20	14.37	11.28	2.34	1266.88	152.37	105.57	24.05	9.39	3.26
PC 240x90x30 x 2.50	240	90	30	2.50	2.50	11.59	9.10	2.55	1030.84	132.55	85.90	21.38	9.43	3.38
PC 240x90x30 x 3.20	240	90	30	3.20	3.20	14.69	11.53	2.48	1294.26	164.32	107.86	26.49	9.39	3.34
PC 240x100x25 x 2.00	240	100	25	2.00	2.00	9.54	7.49	2.85	875.54	129.88	72.96	18.68	9.58	3.69
PC 240x100x25 x 2.50	240	100	25	2.50	2.50	11.84	9.29	2.79	1079.96	158.82	90.00	22.83	9.55	3.66
PC 240x100x25 x 3.20	240	100	25	3.20	3.20	15.01	11.78	2.72	1356.60	197.07	113.05	28.31	9.51	3.62
PC 260x80x15x 1.60	260	80	15	1.60	1.60	7.03	5.52	1.79	705.62	52.76	54.28	8.72	10.02	2.74
PC 260x80x15x 2.00	260	80	15	2.00	2.00	8.74	6.86	1.75	871.67	64.42	67.05	10.64	9.99	2.72
PC 260x80x20x 1.60	260	80	20	1.60	1.60	7.19	5.65	1.92	725.87	58.34	55.84	9.86	10.05	2.85
PC 260x80x20 x 2.00	260	80	20	2.00	2.00	8.94	7.02	1.88	896.88	71.30	68.99	12.04	10.02	2.82
PC 260x80x20 x 2.50	260	80	20	2.50	2.50	11.09	8.70	1.83	1104.94	86.68	85.00	14.64	9.98	2.80
PC 260x80x20 x 3.20	260	80	20	3.20	3.20	14.05	11.03	1.76	1385.52	106.62	106.58	18.00	9.93	2.76
PC 260x80x20x 4.75	260	80	20	4.75	4.75	20.37	15.99	1.59	1964.13	144.96	151.09	24.44	9.82	2.67
PC 260x80x30 x 2.00	260	80	30	2.00	2.00	9.34	7.33	2.13	941.12	84.32	72.39	14.87	10.04	3.01
PC 260x80x30 x 2.50	260	80	30	2.50	2.50	11.59	9.10	2.08	1160.30	102.84	89.25	18.13	10.01	2.98
PC 260x80x30 x 3.20	260	80	30	3.20	3.20	14.69	11.53	2.01	1456.52	127.13	112.04	22.41	9.96	2.94
PC 260x80x40x 2.50	260	80	40	2.50	2.50	12.09	9.49	2.31	1205.47	117.59	92.73	21.61	9.99	3.12
PC 260x80x40 x 3.20	260	80	40	3.20	3.20	15.33	12.03	2.24	1514.34	145.78	116.49	26.78	9.94	3.08
PC 260x80x40 x 4.75	260	80	40	4.75	4.75	22.27	17.48	2.08	2154.77	201.32	165.75	36.97	9.84	3.01
PC 260x90x25 x 2.00	260	90	25	2.00	2.00	9.54	7.49	2.36	986.67	103.39	75.90	16.06	10.17	3.29
PC 260x90x25 x 2.50	260	90	25	2.50	2.50	11.84	9.29	2.31	1216.92	126.22	93.61	19.60	10.14	3.27
PC 260x90x25 x 3.20	260	90	25	3.20	3.20	15.13	11.88	2.31	1549.52	164.84	119.19	25.08	10.12	3.30
PC 260x100x25 x 2.00	260	100	25	2.00	2.00	9.94	7.80	2.73	1053.24	133.22	81.02	18.84	10.30	3.66
PC 260x100x25 x 2.50	260	100	25	2.50	2.50	12.34	9.69	2.68	1299.80	162.91	99.98	23.03	10.26	3.63
PC 260x100x25 x 3.20	260	100	25	3.20	3.20	15.65	12.28	2.60	1633.94	202.16	125.69	28.56	10.22	3.59
PC 260x100x30 x 2.50	260	100	30	2.50	2.50	12.59	9.88	2.81	1326.07	174.75	102.01	25.19	10.26	3.73
PC 260x100x30 x 2.85	260	100	30	2.85	2.85	14.29	11.21	2.78	1498.42	196.30	115.26	28.29	10.24	3.71
PC 260x100x30 x 3.20	260	100	30	3.20	3.20	15.97	12.53	2.74	1667.56	217.17	128.27	31.29	10.22	3.69
PC 280x80x20 x 2.00	280	80	20	2.00	2.00	9.34	7.33	1.80	1068.62	72.85	76.33	12.13	10.70	2.79
PC 280x80x20 x 2.50	280	80	20	2.50	2.50	11.59	9.10	1.74	1317.29	88.59	94.09	14.75	10.66	2.76
PC 280x80x20 x 3.20	280	80	20	3.20	3.20	14.69	11.53	1.67	1653.19	109.04	118.08	18.15	10.61	2.72
PC 280x80x30 x 3.20	280	80	30	3.20	3.20	15.33	12.03	1.92	1737.88	130.01	124.13	22.56	10.65	2.91
PC 280x90x25 x 2.00	280	90	25	2.00	2.00	9.94	7.80	2.26	1173.52	105.72	83.82	16.17	10.87	2.26
PC 280x90x25 x 2.50	280	90	25	2.50	2.50	12.34	9.69	2.21	1448.07	129.06	103.43	19.74	10.83	3.23
PC 280x90x25 x 3.20	280	90	25	3.20	3.20	15.65	12.28	2.14	1819.97	159.75	130.00	24.42	10.79	3.20
PC 280x100x25 x 2.00	280	100	25	2.00	2.00	10.34	8.11	2.62	1250.81	136.29	89.34	18.98	11.00	3.63
PC 280x100x25 x 2.50	280	100	25	2.50	2.50	12.84	10.08	2.57	1544.33	166.69	110.31	23.20	10.97	3.60
PC 280x100x25 x 3.20	280	100	25	3.20	3.20	16.29	12.79	2.49	1942.57	206.85	138.75	28.78	10.92	3.56
PC 280x100x30 x 2.50	280	100	30	2.50	2.50	13.09	10.27	2.70	1575.97	178.90	112.57	25.38	10.97	3.70
PC 280x100x30 x 2.85	280	100	30	2.85	2.85	14.86	11.66	2.66	1781.37	200.98	127.24	28.51	10.95	3.68
PC 280x100x30 x 3.20	280	100	30	3.20	3.20	16.61	13.04	2.63	1983.07	222.35	141.65	31.53	10.93	3.66

PERFIL C



Medidas y características geométricas

DESIGNACIÓN DE PERFIL	ALTIMA (alma)	ALA (rama)	ALA RIG. (rigidizador)	ESPESOR	RADIO DE ACUERDO	ÁREA NOMINAL DE LA SECCIÓN	MASA NOMINAL	DISTANCIAS AL CENTRO DE GRAVEDAD (1)	MOMENTOS DE INERCIA (1)		MÓDULOS RESISTENTES (1)		RADIOS DE GIRO (1)	
	h	b	d	e	r	S	G	ey	I _x	I _y	W _x	W _y	i _x	i _y
	mm	mm	mm	mm	mm	Cm ²	Kg/m	Cm	Cm ⁴	Cm ⁴	Cm ³	Cm ³	Cm	Cm
PC 300x80x20 x 2.00	300	80	20	2.00	2.00	9.74	7.64	1.72	1258.80	74.18	83.92	12.20	11.37	2.76
PC 300x80x20 x 2.50	300	80	20	2.50	2.50	12.09	9.49	1.67	1552.38	90.18	103.49	14.82	11.33	2.79
PC 300x80x20 x 3.20	300	80	20	3.20	3.20	15.33	12.03	1.60	1949.38	110.92	129.96	18.23	11.28	2.63
PC 300x80x25 x 2.50	300	80	25	2.50	2.50	12.34	9.69	1.79	1593.26	98.96	106.22	16.60	11.36	2.83
PC 300x80x25 x 3.20	300	80	25	3.20	3.20	15.65	12.28	1.72	2001.87	122.10	133.46	20.48	11.31	2.79
PC 300x80x30 x 2.50	300	80	30	2.50	2.50	12.59	9.88	1.90	1630.78	107.31	108.72	18.35	11.38	2.92
PC 300x80x30 x 3.20	300	80	30	3.20	3.20	15.97	12.53	1.83	2049.89	132.67	136.66	22.69	11.33	2.88
PC 300x90x20 x 3.20	300	90	20	3.20	3.20	15.97	12.53	1.92	2090.79	149.33	139.39	22.09	11.44	3.06
PC 300x90x20 x 4.75	300	90	20	4.75	4.75	23.22	18.22	1.76	2979.39	204.38	198.63	30.20	11.33	2.97
PC 300x90x25 x 2.00	300	90	25	2.00	2.00	10.34	8.11	2.17	1380.25	107.87	92.02	16.27	11.56	3.23
PC 300x90x25 x 2.50	300	90	25	2.50	2.50	12.84	10.08	2.12	1703.89	139.69	113.59	19.86	11.52	3.49
PC 300x90x25 x 3.20	300	90	25	3.20	3.20	16.29	12.79	2.05	2142.82	163.00	142.85	24.85	11.47	3.16
PC 300x90x25 x 4.75	300	90	25	4.75	4.75	23.69	18.60	1.89	3056.61	224.23	203.77	33.79	11.36	3.08
PC 300x90x30 x 2.50	300	90	30	2.50	2.50	13.09	10.27	2.24	1741.41	142.07	116.09	21.84	11.53	3.29
PC 300x90x30 x 3.20	300	90	30	3.20	3.20	16.61	13.04	2.17	2190.84	176.15	146.06	27.07	11.49	3.26
PC 300x90x30 x 4.75	300	90	30	4.75	4.75	24.17	18.97	2.01	3127.90	243.31	208.53	37.37	11.38	3.17
PC 300x90x40 x 3.20	300	90	40	3.20	3.20	17.25	13.54	2.41	2275.54	200.98	151.70	32.05	11.49	3.41
PC 300x90x40 x 4.75	300	90	40	4.75	4.75	25.12	19.72	2.25	3252.62	279.30	216.91	44.52	11.38	3.33
PC 300x100x25 x 2.00	300	100	25	2.00	2.00	10.74	8.43	2.52	1469.05	139.14	97.14	19.11	11.70	3.60
PC 300x100x25 x 2.50	300	100	25	2.50	2.50	13.34	10.47	2.47	1814.53	170.18	120.97	23.36	11.66	3.57
PC 300x100x25 x 3.20	300	100	25	3.20	3.20	16.93	13.29	2.39	2283.77	211.19	152.25	28.98	11.62	3.53
PC 300x100x30 x 2.00	300	100	30	2.00	2.00	10.94	8.59	2.65	1499.07	149.27	99.94	20.88	11.71	3.69
PC 300x100x30 x 2.50	300	100	30	2.50	2.50	13.59	10.67	2.60	1852.05	182.75	123.47	25.55	11.67	3.67
PC 300x100x30 x 3.20	300	100	30	3.20	3.20	17.25	13.54	2.52	2331.79	227.15	155.45	31.75	11.63	3.63
PC 320x80x20 x 2.00	320	80	20	2.00	2.00	10.14	7.96	1.65	1468.57	75.45	91.79	12.26	12.04	2.73
PC 320x80x20 x 2.50	320	80	20	2.50	2.50	12.59	9.88	1.60	1811.86	91.72	113.24	14.90	12.00	2.70
(#) PC 320x80x20 x 3.20	320	80	20	3.20	3.20	15.97	12.53	1.53	2276.65	112.81	142.29	18.33	11.94	2.66
(#) PC 320x90x25 x 2.00	320	90	25	2.00	2.00	10.74	8.43	2.09	1607.65	109.86	100.48	16.37	12.24	3.20
(#) PC 320x90x25 x 2.50	320	90	25	2.50	2.50	13.34	10.47	2.04	1985.40	134.12	124.09	19.98	12.20	3.17
PC 320x90x25 x 3.20	320	90	25	3.20	3.20	16.93	13.29	1.96	2498.24	166.08	156.14	24.72	12.15	3.13
PC 320x100x25 x 2.00	320	100	25	2.00	2.00	11.14	8.74	2.42	1708.77	141.79	106.80	19.22	12.39	3.57
PC 320x100x25 x 2.50	320	100	25	2.50	2.50	13.84	10.86	2.37	2111.41	173.41	131.96	23.50	12.35	3.54
PC 320x100x25 x 3.20	320	100	25	3.20	3.20	17.57	13.79	2.30	2658.82	215.22	166.18	29.16	12.30	3.50
PC 340x80x20 x 2.00	340	80	20	2.00	2.00	10.54	8.27	1.58	1698.76	76.67	99.93	12.33	12.70	2.70
PC 340x80x20 x 2.50	340	80	20	2.50	2.50	13.09	10.27	1.53	2096.80	93.23	123.34	14.99	11.66	2.67
PC 340x80x20 x 3.20	340	80	20	3.20	3.20	16.61	13.04	1.49	2636.39	114.75	155.08	18.45	12.60	2.63
PC 340x90x25 x 2.00	340	90	25	2.00	2.00	11.14	8.74	2.01	1856.52	111.71	109.21	16.45	12.91	3.17
PC 340x90x25 x 2.50	340	90	25	2.50	2.50	13.84	10.86	1.96	2293.58	136.37	134.92	20.08	12.87	3.14
PC 340x90x25 x 3.20	340	90	25	3.20	3.20	17.57	13.79	1.89	2887.51	168.80	169.85	24.85	12.82	3.10
PC 340x100x25 x 2.00	340	100	25	2.00	2.00	11.54	9.06	2.34	1970.77	144.25	115.93	19.33	13.07	3.54
PC 340x100x25 x 2.50	340	100	25	2.50	2.50	14.34	11.26	2.29	2435.97	174.42	143.29	23.63	13.03	3.51
PC 340x100x25 x 3.20	340	100	25	3.20	3.20	18.21	14.29	2.21	3069.01	218.96	180.53	29.32	12.98	3.47
PC 350x100x25 x 2.00	350	100	25	2.00	2.00	11.74	9.21	2.30	2110.37	145.42	120.59	19.38	13.41	3.52
PC 350x100x25 x 2.50	350	100	25	2.50	2.50	14.59	11.45	2.24	2608.94	177.85	149.08	23.69	13.37	3.49
PC 350x100x25 x 3.20	350	100	25	3.20	3.20	18.53	14.54	2.17	3287.68	220.73	187.87	29.40	13.32	3.45
PC 360x100x20 x 3.20	360	100	20	3.20	3.20	18.53	14.54	2.00	3436.23	204.67	190.90	26.67	13.62	3.32
PC 360x100x20 x 4.75	360	100	20	4.75	4.75	27.02	21.21	1.85	4922.88	282.02	273.49	36.72	13.50	3.23
PC 360x100x25 x 3.20	360	100	25	3.20	3.20	18.85	14.79	2.13	3515.62	222.44	195.31	29.47	13.66	3.44
PC 360x100x25 x 4.75	360	100	25	4.75	4.75	27.49	21.58	1.97	5040.72	307.88	280.04	40.77	13.54	3.35
PC 360x100x30 x 3.20	360	100	30	3.20	3.20	19.17	15.05	2.26	3590.04	236.62	199.45	32.28	13.69	3.54
PC 360x100x30 x 4.75	360	100	30	4.75	4.75	27.97	21.95	2.10	5151.20	332.86	286.18	44.82	13.57	3.45
PC 360x100x40x 3.20	360	100	40	3.20	3.20	19.81	15.55	2.49	3724.66	272.30	206.93	37.88	13.71	3.71
PC 360x100x40 x 4.75	360	100	40	4.75	4.75	28.92	22.70	2.33	5351.01	380.37	297.28	52.90	13.60	3.63

(#) Perfiles normalizados según Norma IRAM IAS U 500-206 - 1 y 3 Calidades de Acero F24/F26.

(1) Los valores indicados son a título informativo.

Medidas que no figuran en esta tabla consultar factibilidad de fabricación.

Troquelado: corte parcial a partir de 2 mts.

Largo Mínimo de Barra: 4 mts. // Largo Standard: 12 mts.

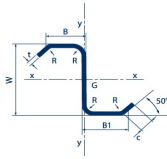
Largo 13 mts.: en Alturas mayores o iguales a 120 mm, consultar según medidas y espesores.

Largo 15 mts.: en Alturas mayores o iguales a 140 mm, consultar según medidas, espesores y volúmen mínimo.

Tolerancia en el largo -0 / +30 mm. Para largos especiales consultar por tolerancia restringida.

PERFIL Z ANIDABLE (Ze)

Medidas y características geométricas



DESIGNACIÓN DE PERFIL	ALTIMA (alma)	ALA 1 (rama 1)	ALA 2 (rama 2)	ALA RIG. (rigidizador)	ESPESOR	ÁREA NOMINAL DE LA SELECCIÓN	MASA NOMINAL	DISTANCIAS AL CENTRO DE GRAVEDAD (Y)		MOMENTOS DE INERCIA (I)		MÓDULOS RESISTENTE (I)		RADIOS DE GIRO (I)	
	W	B	B1	C				XG	YG	I _x	I _y	S _x	S _y	r _x	r _y
	mm	mm	mm	mm				mm	Cm	Cm	Cm ⁴	Cm ⁴	Cm ³	Cm ³	Cm
PZe 120x50x15 x 2.0	120	50	50	15	2.00	4.59	3.60	0.01	0.00	102.53	25.73	17.08	4.34	4.72	2.36
PZe 120x50x15 x 2.5	120	50	50	15	2.50	5.62	4.41	0.01	0.00	123.24	29.67	20.54	5.01	4.68	2.29
PZe 160x54x24 x 1.6 (*)	160	54	60.3	24	1.60	4.89	3.84	0.15	0.16	192.60	43.62	23.59	5.90	6.27	2.98
PZe 160x54x24 x 2.0	160	54	60.3	24	2.00	6.04	4.74	0.14	0.16	235.21	51.91	28.80	7.03	6.23	2.93
PZe 160x54x24 x 2.5	160	54	60.3	24	2.50	7.42	5.83	0.14	0.16	285.41	60.94	34.94	8.26	6.19	2.86
PZe 160x54x24 x 3.2	160	54	60.3	24	3.20	9.28	7.28	0.12	0.17	350.02	71.30	42.84	9.68	6.14	2.77
PZe 160x55x20 x 1.6 (*)	160	55	55	20	1.60	4.70	3.69	0.00	0.00	183.09	34.27	22.88	5.07	6.24	2.69
PZe 160x55x20 x 2.0	160	55	55	20	2.00	5.79	4.55	0.00	0.00	223.33	40.60	27.91	6.01	6.20	2.64
PZe 160x60x15 x 2.5	160	60	60	15	2.50	7.12	5.59	0.01	0.00	274.49	48.67	34.31	7.03	6.20	2.61
PZe 180x54x24 x 1.6 (*)	180	54	60.3	24	1.60	5.21	4.09	0.14	0.17	253.92	43.63	27.68	5.90	6.97	2.89
PZe 180x54x24 x 2.0	180	54	60.3	24	2.00	6.44	5.05	0.13	0.17	310.45	51.92	33.84	7.03	6.94	2.83
PZe 180x54x24 x 2.5	180	54	60.3	24	2.50	7.92	6.22	0.13	0.17	377.26	60.96	41.11	8.26	6.89	2.77
PZe 180x54x24 x 3.2	180	54	60.3	24	3.20	9.92	7.78	0.12	0.17	463.66	71.32	50.51	9.67	6.83	2.68
PZe 180x60x15 x 2.0	180	60	60	15	2.00	6.19	4.86	0.00	0.00	298.68	41.72	33.18	6.02	6.94	2.59
PZe 180x60x15 x 2.5	180	60	60	15	2.50	7.62	5.98	0.01	0.00	362.35	48.67	40.26	7.03	6.89	2.52
PZe 180x60x15 x 3.2	180	60	60	15	3.20	9.52	7.48	0.02	0.00	444.22	56.38	49.35	8.16	6.82	2.43
PZe 200x50x20 x 2.0	200	50	50	20	2.00	6.39	5.02	0.00	0.00	359.35	32.07	35.93	5.13	7.49	2.23
PZe 200x50x20 x 2.5	200	50	50	20	2.50	7.87	6.17	0.01	0.00	436.04	37.23	43.60	5.96	7.44	2.17
PZe 200x50x20 x 3.2	200	50	50	20	3.20	9.84	7.73	0.02	0.00	534.72	42.82	53.47	6.87	7.36	2.08
PZe 200x54x23 x 1.6 (*)	200	54	60.3	23	1.60	5.50	4.32	0.13	0.18	323.46	42.13	31.76	5.74	7.66	2.76
PZe 200x54x23 x 2.0	200	54	60.3	23	2.00	6.80	5.34	0.12	0.18	395.79	50.10	38.86	6.83	7.62	2.71
PZe 200x54x23 x 2.5	200	54	60.3	23	2.50	8.37	6.57	0.12	0.18	481.46	58.78	47.26	8.02	7.58	2.64
PZe 200x54x23 x 3.2	200	54	60.3	23	3.20	10.49	8.24	0.11	0.18	592.63	68.69	58.16	9.38	7.51	2.55
PZe 200x80x23 x 1.6 (*)	200	80	86	23	1.60	6.33	4.97	0.14	0.15	404.90	105.29	39.89	10.64	7.99	4.07
PZe 200x80x23 x 2.0	200	80	86	23	2.00	7.83	6.15	0.14	0.15	497.18	126.82	48.97	12.83	7.96	4.02
PZe 200x80x23 x 2.5	200	80	86	23	2.50	9.67	7.59	0.14	0.15	607.57	151.23	59.84	15.31	7.92	3.95
PZe 200x80x23 x 3.2	200	80	86	23	3.20	12.15	9.54	0.13	0.15	752.92	180.99	74.13	18.34	7.87	3.85
PZe 220x54x23 x 1.6 (*)	220	54	60.3	23	1.60	5.82	4.57	0.12	0.18	405.73	42.14	36.26	5.73	8.34	2.68
PZe 220x54x23 x 2.0	220	54	60.3	23	2.00	7.20	5.65	0.12	0.19	496.89	50.11	44.40	6.83	8.30	2.63
PZe 220x54x23 x 2.5	220	54	60.3	23	2.50	8.87	6.96	0.11	0.19	605.14	58.79	54.06	8.02	8.25	2.57
PZe 220x54x23 x 3.2	220	54	60.3	23	3.20	11.13	8.74	0.10	0.19	746.10	68.70	66.63	9.38	8.18	2.48
PZe 230x54x23 x 1.6 (*)	230	54	60.3	23	1.60	5.98	4.69	0.12	0.19	451.20	42.14	38.58	5.73	8.68	2.65
PZe 230x54x23 x 2.0	230	54	60.3	23	2.00	7.40	5.81	0.11	0.19	552.80	50.12	47.27	6.82	8.64	2.60
PZe 230x54x23 x 2.5	230	54	60.3	23	2.50	9.12	7.16	0.11	0.19	673.57	58.79	57.58	8.01	8.59	2.53
PZe 230x54x23 x 3.2	230	54	60.3	23	3.20	11.45	8.99	0.10	0.19	831.11	68.70	71.03	9.37	8.51	2.44
PZe 240x70x20 x 1.6 (*)	240	70	70	20	1.60	6.46	5.07	0.00	0.00	547.81	62.55	45.65	7.58	9.20	3.11
Pze 240x70x20 x 2.0	240	70	70	20	2.00	7.99	6.27	0.00	0.00	672.32	74.80	56.02	9.07	9.16	3.05
Pze 240x70x20 x 2.5	240	70	70	20	2.50	9.87	7.74	0.01	0.00	821.02	88.38	68.41	10.73	9.12	2.99
Pze 240x70x20 x 3.2	240	70	70	20	3.20	12.40	9.74	0.01	0.00	1016.35	104.35	84.69	12.68	9.04	2.89
PZe 260x80x24 x 1.6 (*)	260	80	86	24	1.60	7.32	5.75	0.12	0.16	748.11	108.15	56.80	10.84	10.10	3.84
PZe 260x80x24 x 2.0	260	80	86	24	2.00	9.07	7.12	0.12	0.17	920.40	130.32	69.88	13.07	10.06	3.78
PZe 260x80x24 x 2.5	260	80	86	24	2.50	11.22	8.80	0.12	0.17	1127.55	155.48	85.60	15.61	10.02	3.72
PZe 260x80x24 x 3.2	260	80	86	24	3.20	14.13	11.09	0.11	0.17	1402.31	186.22	106.44	18.71	9.95	3.62
PZe 280x54x23 x 1.6 (*)	280	54	60.3	23	1.60	6.78	5.32	0.10	0.20	725.03	42.15	51.03	5.72	10.33	2.49
PZe 280x54x23 x 2.0	280	54	60.3	23	2.00	8.40	6.59	0.10	0.20	889.85	50.13	62.62	6.81	10.29	2.44
PZe 280x54x23 x 2.5	280	54	60.3	23	2.50	10.37	8.14	0.09	0.21	1086.71	58.82	76.47	8.00	10.23	2.38
PZe 280x54x23 x 3.2	280	54	60.3	23	3.20	13.05	10.25	0.09	0.21	1345.29	68.73	94.64	9.36	10.14	2.29
PZe 300x54x23 x 1.6 (*)	300	54	60.3	23	1.60	7.10	5.57	0.10	0.21	857.76	42.16	56.38	5.72	10.98	2.43
PZe 300x54x23 x 2.0	300	54	60.3	23	2.00	8.80	6.91	0.09	0.21	1053.38	50.14	69.24	6.81	10.93	2.38
PZe 300x54x23 x 2.5	300	54	60.3	23	2.50	10.87	8.53	0.09	0.21	1287.41	52.82	84.61	8.00	10.87	2.32
PZe 300x54x23 x 3.2	300	54	60.3	23	3.20	13.69	10.75	0.08	0.21	1595.55	68.74	104.84	9.36	10.79	2.24
PZe 310x80x24 x 1.6 (*)	310	80	86	24	1.60	8.12	6.37	0.11	0.18	1132.26	108.17	72.20	10.83	11.80	3.64
PZe 310x80x24 x 2.0	310	80	86	24	2.00	10.07	7.91	0.11	0.18	1394.65	130.33	88.92	13.06	11.76	3.59
PZe 310x80x24 x 2.5	310	80	86	24	2.50	12.47	9.78	0.11	0.18	1711.08	155.51	109.09	15.59	11.71	3.53
PZe 310x80x24 x 3.2	310	80	86	24	3.20	15.73	12.35	0.10	0.18	2132.64	186.25	135.94	18.70	11.64	3.44
PZe 320x54x23 x 1.6 (*)	320	54	60.3	23	1.60	7.42	5.83	0.09	0.21	1004.70	42.16	61.95	5.72	11.63	2.38
PZe 320x54x23 x 2.0	320	54	60.3	23	2.00	9.20	7.22	0.09	0.21	1234.52	50.14	76.12	6.80	11.58	2.33
PZe 320x54x23 x 2.5	320	54	60.3	23	2.50	11.37	8.93	0.09	0.21	1509.87	58.83	93.08	7.99	11.51	2.27
PZe 320x54x23 x 3.2	320	54	60.3	23	3.20	14.33	11.25	0.08	0.21	1873.21	68.75	115.46	9.35	11.42	2.18

Norma IRAM IAS U 500-206 - 1 y 7 - Acero Galvanizado Zar 250

(!) Los valores indicados son a título informativo

(*) Medidas en espesor 1.60 se conforman solo con chapa galvanizada.

Largo Mínimo de Barra: 4 mts. // Largo Standard: 12 mts.

Tolerancia en el largo -0 / +30 mm. Para largos especiales consultar por tolerancia restringida.

Largo 13 mts.: en Alturas mayores o iguales a 120 mm, consultar según medida y espesor.

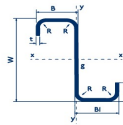
Largo 15 mts.: en Alturas mayores o iguales a 140 mm, consultar según medida, espesor y volúmen mínimo.

Medidas que no figuran en esta tabla consultar factibilidad de fabricación.

PERFIL Z

RIGIDIZABLE (Zr)

Medidas y características geométricas



DESIGNACIÓN DE PERFIL	ALTIMA (alma)	ALA 1 (rama 1)	ALA 2 (rama 2)	ALA RIG. (rigidizador)	ESPESOR	AREA NOMINAL DE LA SECCIÓN	MASA NOMINAL	DISTANCIAS AL CENTRO DE GRAVEDAD (I)		MOMENTOS DE INERCIA (I)		MÓDULOS RESISTENTE (I)		RADIOS DE GIRO (I)	
	W	B	B1	C				XG	YG	I _x	I _y	S _x	S _y	r _x	r _y
	mm	mm	mm	mm				mm	Cm	Cm	Cm ⁴	Cm ⁴	Cm ³	Cm ³	Cm
PZr 120x50x15 x 2.0	120	50	50	15	2.00	4.74	3.72	0.00	0.00	105.80	26.43	17.63	5.39	4.73	2.36
PZr 120x50x20 x 2.5	120	50	50	20	2.50	6.09	4.78	0.00	0.00	133.22	37.15	22.20	7.62	4.68	2.47
PZr 120x50x20 x 3.2	120	50	50	20	3.20	7.65	6.00	0.00	0.00	164.22	44.67	27.37	9.23	4.63	2.42
PZr 140x60x20 x 2.5	140	60	60	20	2.50	7.09	5.56	0.00	0.00	215.61	59.96	30.80	10.21	5.52	2.91
PZr 140x60x20 x 3.2	140	60	60	20	3.20	8.93	7.01	0.00	0.00	267.30	72.71	38.19	12.45	5.47	2.85
PZr 180x80x20 x 3.2	180	80	80	20	3.20	11.49	9.02	0.00	0.00	584.65	158.14	64.96	20.17	7.13	3.71
PZr 200x80x20 x 3.2	200	80	80	20	3.20	12.13	9.52	0.00	0.00	747.20	158.14	74.72	20.17	7.85	3.61
PZr 220x63.5x70 x 3.2	220	63.5	70	20	3.20	11.92	9.36	0.14	0.19	833.94	97.15	74.53	14.50	8.36	2.86
PZr 220x65x70 x 2.5	220	65	70	20	2.50	9.69	7.61	0.31	0.39	697.40	98.44	61.21	13.19	8.48	3.19
PZr 220x68.5x75 x 3.2	220	68.5	75	20	3.20	12.24	9.61	0.14	0.18	871.55	118.02	77.93	16.40	8.44	3.11
PZr 220x70x75 x 2.5	220	70	75	20	2.50	9.71	7.63	0.11	0.14	701.66	99.23	62.99	13.66	8.50	3.20
PZr 220x73.5x80 x 3.2	220	73.5	80	20	3.20	12.56	9.86	0.15	0.18	909.16	141.61	81.32	18.41	8.51	3.36
PZr 220x75x80 x 2.5	220	75	80	20	2.50	9.96	7.82	0.12	0.14	731.23	118.59	65.66	15.28	8.57	3.45
PZr 220x80x80 x 2.5	220	80	80	20	2.50	10.09	7.92	0.00	0.00	746.20	128.97	67.84	16.38	8.60	3.58
PZr 220x80x80 x 3.2	220	80	80	20	3.20	12.77	10.02	0.00	0.00	934.01	158.14	84.91	20.17	8.55	3.52
PZr 240x63.5x70 x 3.2	240	63.5	70	20	3.20	12.56	9.86	0.13	0.20	1026.98	97.16	84.21	14.49	9.04	2.78
PZr 240x65x70 x 2.5	240	65	70	20	2.50	9.96	7.82	0.10	0.15	826.62	82.06	68.04	12.12	9.11	2.87
PZr 240x68.5x75 x 3.2	240	68.5	75	20	3.20	12.88	10.11	0.14	0.19	1071.86	118.04	87.92	16.39	9.12	3.03
PZr 240x70x75 x 2.5	240	70	75	20	2.50	10.21	8.02	0.11	0.15	861.88	99.24	70.96	13.65	9.19	3.12
PZr 240x73.5x80x3.2	240	73.5	80	20	3.20	13.20	10.36	0.14	0.19	1116.73	141.63	91.64	18.40	9.20	3.28
PZr 240x75x80x2.5	240	75	80	20	2.50	10.46	8.21	0.11	0.14	897.14	118.60	73.89	15.27	9.26	3.37
PZr 240x80x80x2.5	240	80	80	20	2.50	10.59	8.31	0.00	0.00	914.97	128.97	76.25	16.38	9.30	3.49
PZr 240x80x80x3.2	240	80	80	20	3.20	13.41	10.52	0.00	0.00	1146.34	158.14	95.53	20.17	9.25	3.43
PZr 260x63.5x70x3.2	260	63.5	70	20	3.20	13.20	10.36	0.13	0.20	1245.15	97.17	94.31	14.47	9.71	2.71
PZr 260x65x70x2.5	260	65	70	20	2.50	10.46	8.21	0.10	0.15	1001.08	82.06	76.11	12.11	9.78	2.80
PZr 260x68.5x75x3.2	260	68.5	75	20	3.20	13.52	10.61	0.13	0.20	1297.92	118.05	98.35	16.37	9.80	2.96
PZr 260x70x75x2.5	260	70	75	20	2.50	10.71	8.41	0.10	0.15	1042.52	99.24	79.28	13.64	9.86	3.04
PZr 260x73.5x80x3.2	260	73.5	80	20	3.20	13.84	10.86	0.14	0.19	1350.69	141.64	102.38	18.38	9.88	3.20
PZr 260x75x80x2.5	260	75	80	20	2.50	10.96	8.61	0.11	0.15	1083.97	118.60	82.45	15.26	9.94	3.29
PZr 260x80x80x2.5	260	80	80	20	2.50	11.09	8.70	0.00	0.00	1104.93	128.97	84.99	16.38	9.98	3.41
PZr 260x80x80x3.2	260	80	80	20	3.20	14.05	11.03	0.00	0.00	1385.49	158.14	106.58	20.17	9.93	3.36
PZr 280x63.5x70x3.2	280	63.5	70	20	3.20	13.84	10.86	0.12	0.21	1489.71	97.18	104.85	14.46	10.38	2.65
PZr 280x65x70x2.5	280	65	70	20	2.50	10.96	8.61	0.09	0.16	1196.46	82.07	84.51	12.10	10.45	2.74
PZr 280x68.5x75x3.2	280	68.5	75	20	3.20	14.16	11.11	0.12	0.20	1551.02	118.06	109.20	16.36	10.47	2.89
PZr 280x70x75x2.5	280	70	75	20	2.50	11.21	8.80	0.10	0.15	1244.59	99.25	87.93	13.64	10.54	2.98
PZr 280x73.5x80x3.2	280	73.5	80	20	3.20	14.48	11.37	0.13	0.20	1612.32	141.65	113.55	18.37	10.55	3.13
PZr 280x75x80x2.5	280	75	80	20	2.50	11.46	9.00	0.10	0.15	1292.73	118.61	91.35	15.26	10.62	3.22
PZr 280x80x80x2.5	280	80	80	20	2.50	11.59	9.10	0.00	0.00	1317.06	128.97	94.08	16.38	10.66	3.34
PZr 280x80x80x3.2	280	80	80	20	3.20	14.69	11.53	0.00	0.00	1652.74	158.14	118.05	20.17	10.61	3.28
PZr 300x63.5x70x3.2	300	63.5	70	20	3.20	14.48	11.37	0.11	0.21	1761.94	97.19	115.82	14.45	11.03	2.59
PZr 300x65x70x2.5	300	65	70	20	2.50	11.46	9.00	0.09	0.16	1413.77	82.07	93.24	12.10	11.11	2.68
PZr 300x68.5x75x3.2	300	68.5	75	20	3.20	14.80	11.62	0.12	0.21	1832.43	118.07	120.49	16.35	11.13	2.82
PZr 300x70x75x2.5	300	70	75	20	2.50	11.71	9.20	0.09	0.16	1469.09	99.25	96.91	13.63	11.20	2.91
PZr 300x73.5x80x3.2	300	73.5	80	20	3.20	15.12	11.87	0.12	0.20	1902.91	141.66	125.16	18.36	11.22	3.06
PZr 300x75x80x2.5	300	75	80	20	2.50	11.96	9.39	0.10	0.16	1524.42	118.61	100.59	15.25	11.29	3.15
PZr 300x80x80x2.5	300	80	80	20	2.50	12.09	9.49	0.00	0.00	1552.36	128.97	103.49	16.38	11.33	3.27
PZr 300x80x80x3.2	300	80	80	20	3.20	15.33	12.03	0.00	0.00	1949.35	158.14	129.96	20.17	11.28	3.21
PZr 320x63.5x70x3.2	320	63.5	70	20	3.20	15.12	11.87	0.11	0.22	2063.13	97.20	127.21	14.44	11.68	2.54
PZr 320x65x70x2.5	320	65	70	20	2.50	11.96	9.39	0.09	0.17	1654.01	82.08	102.31	12.09	11.76	2.62
PZr 320x68.5x75x3.2	320	68.5	75	20	3.20	15.44	12.12	0.11	0.21	2143.44	118.08	132.20	16.34	11.78	2.77
PZr 320x70x75x2.5	320	70	75	20	2.50	12.21	9.59	0.09	0.16	1717.02	99.26	106.23	13.62	11.86	2.85
PZr 320x73.5x80x3.2	320	73.5	80	20	3.20	15.76	12.37	0.12	0.21	2223.74	141.67	137.19	18.35	11.88	3.00
PZr 320x75x80x2.5	320	75	80	20	2.50	12.46	9.78	0.09	0.16	1780.03	118.62	110.16	15.24	11.95	3.08
PZr 320x80x80x2.5	320	80	80	20	2.50	12.59	9.88	0.00	0.00	1811.85	128.97	113.24	16.38	12.00	3.20
PZr 320x80x80x3.2	320	80	80	20	3.20	15.97	12.53	0.00	0.00	2276.62	158.14	142.29	20.17	11.94	3.15

Norma IRAM IAS U 500-206 - 1 y 6 - Acero Galvanizado Zar 250

(I) Los valores indicados son a título informativo

Largo Mínimo de Barra: 4 mts. // Largo Standard: 12 mts.

Tolerancia en el largo -0 / +30 mm. Para largos especiales consultar por tolerancia restringida.

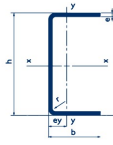
Largo 13 mts: en Alturas mayores o iguales a 120 mm, consultar según medidas y espesores.

Largo 15 mts: en Alturas mayores o iguales a 140 mm, consultar según medidas, espesores y volúmen mínimo.

Medidas que no figuran en esta tabla consultar factibilidad de fabricación.

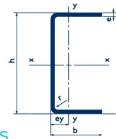
PERFIL U

Medidas y características geométricas



DESIGNACIÓN DEL PERFIL	ALTURA (alma)	ALA (rama)	ESPESOR	RADIO DE ACUERDO	ÁREA NOMINAL DE LA SECCIÓN	MASA NOMINAL	DISTANCIAS AL CENTRO DE GRAVEDAD (1)	MOMENTOS DE INERCIA (1)		MÓDULOS RESISTENTE (1)		RADIOS DE GIRO (1)	
	h mm	b mm	e mm	r mm	S Cm ²	G Kg/m	e _y Cm	I _x Cm ⁴	I _y Cm ⁴	W _x Cm ³	W _y Cm ³	i _x Cm	i _y Cm
PU 80x40 x 1.60	80	40	1.60	1.60	2.48	1.94	0.91	25.18	3.98	6.30	1.36	3.19	1.27
(#) PU 100x50 x 2.00	100	50	2.00	2.00	3.87	3.04	1.14	61.48	9.72	12.30	2.66	3.99	1.59
(#) PU 100x50 x 2.50	100	50	2.50	2.50	4.79	3.76	1.12	75.27	11.94	15.05	3.28	3.96	1.58
(#) PU 120x50 x 1.60	120	50	1.60	1.60	3.44	2.70	1.05	76.14	8.33	12.69	2.20	4.71	1.56
(#) PU 120x50 x 2.00	120	50	2.00	2.00	4.27	3.35	1.03	93.79	10.28	15.63	2.72	4.69	1.55
(#) PU 120x50 x 2.50	120	50	2.50	2.50	5.29	4.16	1.00	115.09	12.63	19.18	3.37	4.66	1.54
(#) PU 120x50 x 3.20	120	50	3.20	3.20	6.70	5.26	0.96	143.51	15.78	23.92	4.24	4.63	1.53
(#) PU 140x50 x 2.00	140	50	2.00	2.00	4.67	3.66	0.93	134.63	10.74	19.23	2.78	5.37	1.52
(#) PU 140x50 x 2.50	140	50	2.50	2.50	5.79	4.55	0.90	165.49	13.21	23.64	3.43	5.34	1.51
(#) PU 140x50 x 3.20	140	50	3.20	3.20	7.34	5.76	0.86	206.87	16.52	29.55	4.33	5.31	1.50
PU 140x60 x 1.60	140	60	1.60	1.60	4.07	3.19	1.29	124.47	14.41	17.78	3.17	5.52	1.88
(#) PU 140x60 x 2.00	140	60	2.00	2.00	5.07	3.98	1.27	153.67	17.81	21.95	3.94	5.51	1.87
(#) PU 140x60 x 2.50	140	60	2.50	2.50	6.29	4.94	1.25	189.12	21.95	27.02	4.88	5.48	1.87
(#) PU 140x60 x 3.20	140	60	3.20	3.20	7.98	6.27	1.21	236.82	27.54	33.83	6.16	5.45	1.86
PU 140x60 x 4.75	140	60	4.75	4.75	11.61	9.11	1.12	334.88	39.18	47.84	8.90	5.37	1.84
(#) PU 140x70 x 3.20	140	70	3.20	3.20	8.62	6.77	1.58	266.76	42.24	38.11	8.28	5.56	2.21
PU 140x75 x 2.50	140	75	2.50	2.50	7.04	5.52	1.74	218.43	44.93	31.20	7.80	5.57	2.53
PU 150x50 x 3.20	150	50	3.20	3.20	7.66	6.02	0.82	244.10	16.86	32.55	4.37	5.64	1.48
(#) PU 160x50 x 2.00	160	50	2.00	2.00	5.07	3.98	0.85	184.80	11.13	23.10	2.82	6.04	1.48
(#) PU 160x50 x 2.50	160	50	2.50	2.50	6.29	4.94	0.82	227.48	13.69	28.44	3.48	6.01	1.47
(#) PU 160x50 x 3.20	160	50	3.20	3.20	7.98	6.27	0.78	284.92	17.13	35.61	4.39	5.97	1.46
PU 160x60 x 1.60	160	60	1.60	1.60	4.39	3.45	1.19	169.74	14.97	21.21	3.22	6.21	1.84
(#) PU 160x60 x 2.00	160	60	2.00	2.00	5.47	4.29	1.17	209.77	18.51	26.22	4.00	6.19	1.84
(#) PU 160x60 x 2.50	160	60	2.50	2.50	6.79	5.33	1.15	258.49	22.83	32.31	4.96	6.17	1.83
(#) PU 160x60 x 3.20	160	60	3.20	3.20	8.62	6.77	1.11	324.26	28.65	40.53	6.27	6.13	1.82
PU 160x60 x 4.75	160	60	4.75	4.75	12.55	9.85	1.01	460.32	40.80	57.54	9.05	6.05	1.80
(#) PU 160x70 x 3.20	160	70	3.20	3.20	9.26	7.27	1.46	363.60	44.04	45.45	8.43	6.27	2.18
(#) PU 160x80 x 3.20	160	80	3.20	3.20	9.90	7.77	1.83	402.93	63.70	50.37	10.88	6.38	2.54
PU 170x50x 4.75	170	50	4.75	4.75	12.08	9.49	0.66	467.48	24.62	55.00	6.36	6.22	1.43
PU 170x60 x 1.60	170	60	1.60	1.60	4.55	3.57	1.15	195.63	15.22	23.01	3.24	6.55	1.82
PU 170x60 x 2.00	170	60	2.00	2.00	5.66	4.44	1.12	241.90	18.83	28.45	4.03	6.53	1.82
PU 170x60 x 2.50	170	60	2.50	2.50	7.04	5.52	1.10	298.27	23.22	35.09	4.99	6.50	1.81
PU 170x60 x 3.20	170	60	3.20	3.20	8.94	7.02	1.06	374.50	29.17	44.06	6.31	6.47	1.80
PU 170x60 x 4.75	170	60	4.75	4.75	13.03	10.23	0.97	532.35	41.52	62.62	9.12	6.39	1.78
(#) PU 180x60 x 2.00	180	60	2.00	2.00	5.87	4.61	1.09	276.80	19.12	30.76	4.06	6.87	1.80
(#) PU 180x60 x 2.50	180	60	2.50	2.50	7.29	5.73	1.06	341.44	23.58	37.94	5.03	6.84	1.80
(#) PU 180x60 x 3.20	180	60	3.20	3.20	9.26	7.27	1.02	428.95	29.61	47.66	6.35	6.80	1.79
PU 180x60 x 4.75	180	60	4.75	4.75	13.51	10.60	0.93	610.89	42.20	67.88	9.19	6.72	1.77
PU 180x70 x 1.60	180	70	1.60	1.60	5.03	3.95	1.44	249.26	23.68	27.69	4.38	7.03	2.16
PU 180x70 x 2.00	180	70	2.00	2.00	6.26	4.92	1.41	308.52	29.33	34.28	5.45	7.01	2.16
PU 180x70 x 2.50	180	70	2.50	2.50	7.79	6.11	1.39	380.90	36.24	42.32	6.76	6.99	2.15
PU 180x70 x 3.20	180	70	3.20	3.20	9.90	7.77	1.35	479.10	45.64	53.23	8.56	6.95	2.14
PU 180x70 x 4.75	180	70	4.75	4.75	14.45	11.34	1.26	683.85	65.31	75.98	12.41	6.87	2.12
PU 180x80 x 2.00	180	80	2.00	2.00	6.67	5.23	1.77	340.21	42.38	37.80	7.03	7.14	2.52
PU 180x80 x 2.50	180	80	2.50	2.50	8.29	6.51	1.74	420.29	52.42	46.70	8.73	7.12	2.51
(#) PU 180x80 x 3.20	180	80	3.20	3.20	10.54	8.28	1.71	528.97	66.07	58.77	11.06	7.08	2.50
(#) PU 200x60 x 2.00	200	60	2.00	2.00	6.27	4.92	1.01	355.57	19.65	35.56	4.10	7.53	1.77
(#) PU 200x60 x 2.50	200	60	2.50	2.50	7.79	6.12	0.98	438.99	24.23	43.90	5.08	7.50	1.76
(#) PU 200x60 x 3.20	200	60	3.20	3.20	9.90	7.77	0.94	552.16	30.44	55.22	6.43	7.47	1.75
PU 200x60 x 4.75	200	60	4.75	4.75	14.46	11.35	0.85	788.48	43.41	78.85	9.29	7.38	1.73
PU 200x70 x 2.00	200	70	2.00	2.00	6.67	5.23	1.33	394.82	30.21	39.48	5.52	7.69	2.13
(#) PU 200x70 x 2.50	200	70	2.50	2.50	8.29	6.51	1.30	487.75	37.31	48.77	6.85	7.67	2.12
(#) PU 200x70 x 3.20	200	70	3.20	3.20	10.54	8.28	1.26	614.13	46.98	61.41	8.67	7.63	2.11
PU 200x80 x 1.60	200	80	1.60	1.60	5.67	4.45	1.68	350.27	35.24	35.02	5.72	7.85	2.49
PU 200x80 x 2.00	200	80	2.00	2.00	7.06	5.54	1.66	434.02	43.69	43.40	7.12	7.83	2.48
PU 200x80 x 2.50	200	80	2.50	2.50	8.79	6.90	1.63	536.58	54.06	53.65	8.84	7.81	2.47
(#) PU 200x80 x 3.20	200	80	3.20	3.20	11.18	8.78	1.60	676.10	68.17	67.61	11.21	7.78	2.47
(#) PU 200x80 x 4.75	200	80	4.75	4.75	16.36	12.84	1.51	969.07	97.93	96.91	16.29	7.70	2.45
PU 200x85 x 3.20	200	85	3.20	3.20	11.50	9.03	1.78	707.25	80.69	70.73	12.60	7.84	2.65
PU 200x100 x 1.60	200	100	1.60	1.60	6.31	4.95	2.41	413.25	64.87	41.32	8.73	8.08	3.20
PU 200x100 x 2.00	200	100	2.00	2.00	7.86	6.17	2.39	512.43	80.54	51.24	10.87	8.07	3.20
PU 200x100 x 2.50	200	100	2.50	2.50	9.79	7.68	2.36	634.10	99.81	63.41	13.51	8.04	3.19
PU 200x100 x 3.20	200	100	3.20	3.20	12.46	9.78	2.32	800.21	126.23	80.02	17.16	8.01	3.18
PU 200x100 x 4.75	200	100	4.75	4.75	18.25	14.33	2.24	1150.71	182.40	115.07	25.04	7.93	3.16

PERFIL U



Medidas y características geométricas



DESIGNACIÓN DEL PERFIL	ALTURA (alma)	ALA (rama)	ESPESOR	RADIO DE ACUERDO	AREA NOMINAL DE LA SECCIÓN	MASA NOMINAL	DISTANCIAS AL CENTRO DE GRAVEDAD (I)	MOMENTOS DE INERCIA (I)		MÓDULOS RESISTENTE (I)		RADIOS DE GIRO (I)	
	h	b						I_x	I_y	W_x	W_y	i_x	i_y
	mm	mm	mm	mm	Cm ²	Kg/m	Cm	Cm ⁴	Cm ⁴	Cm ³	Cm ³	Cm	Cm
(#) PU 220x50 x 3.20	220	50	3.20	3.20	9.90	7.77	0.60	619.98	18.50	56.36	4.53	7.91	1.37
PU 220x70 x 2.50	220	70	2.50	2.50	8.79	6.90	1.22	611.34	38.28	55.58	6.92	8.34	2.09
PU 220x80 x 2.50	220	80	2.50	2.50	9.29	7.30	1.54	670.48	55.54	60.95	8.95	8.49	2.44
(#) PU 220x80 x 3.20	220	80	3.20	3.20	11.82	9.28	1.50	845.59	70.05	76.87	11.34	8.46	2.43
PU 220x80 x 4.75	220	80	4.75	4.75	17.31	13.59	1.42	1215.09	100.81	110.46	16.50	8.38	2.41
PU 240x70x 3.20	240	70	3.20	3.20	11.82	9.28	1.11	949.20	49.32	79.10	8.85	8.96	2.04
PU 240x80 x 1.60	240	80	1.60	1.60	6.31	4.95	1.50	536.06	37.04	44.67	5.85	9.21	2.42
(#) PU 240x80 x 3.00	240	80	2.00	2.00	7.87	6.18	1.49	664.81	45.93	55.40	7.28	9.19	2.42
PU 240x80 x 2.50	240	80	2.50	2.50	9.79	7.69	1.46	822.86	56.84	68.57	9.03	9.17	2.41
PU 240x80 x 3.20	240	80	3.20	3.20	12.46	9.78	1.42	1038.72	71.73	86.56	11.46	9.13	2.40
(#) PU 240x80 x 4.75	240	80	4.75	4.75	18.26	14.33	1.33	1494.59	103.15	124.55	16.66	9.05	2.38
PU 240x90 x 1.60	240	90	1.60	1.60	6.63	5.20	1.83	581.53	51.28	48.46	7.32	9.36	2.77
PU 240x90 x 2.00	240	90	2.00	2.00	8.26	6.49	1.81	721.50	63.64	60.12	9.11	9.34	2.77
PU 240x90 x 2.50	240	90	2.50	2.50	10.29	8.08	1.78	893.46	78.84	74.45	11.32	9.31	2.76
PU 240x90 x 3.20	240	90	3.20	3.20	13.10	10.28	1.74	1128.65	99.65	94.05	14.37	9.28	2.75
PU 240x 90 x4.75	240	90	4.75	4.75	19.20	15.07	1.66	1626.65	143.82	135.55	20.95	9.20	2.73
PU 250x80 x 3.20	250	80	3.20	3.20	12.78	10.03	1.38	1144.77	72.55	91.58	11.51	9.46	2.38
(#) PU 260x80 x 2.50	260	80	2.50	2.50	10.29	8.08	1.38	994.92	58.03	76.53	9.11	9.83	2.37
(#) PU 260x80 x 3.20	260	80	3.20	3.20	13.10	10.29	1.34	1256.79	73.25	96.68	11.56	9.79	2.36
PU 260x80 x 4.75	260	80	4.75	4.75	19.21	15.08	1.25	1811.83	105.50	139.37	16.82	9.71	2.34
PU 260x100 x 3.20	260	100	3.20	3.20	14.38	11.29	1.99	1468.05	136.52	112.93	17.76	10.10	3.08
(#) PU 280x80 x 2.50	280	80	2.50	2.50	10.79	8.47	1.31	1187.57	59.11	84.83	9.18	10.49	2.34
(#) PU 280x80 x 3.20	280	80	3.20	3.20	13.74	10.79	1.27	1501.06	74.63	107.22	11.65	10.45	2.33
PU 280x80 x 4.75	280	80	4.75	4.75	20.16	15.82	1.18	2166.88	107.51	154.78	16.95	10.37	2.31
(#) PU 300x80 x 2.50	300	80	2.50	2.50	11.29	8.87	1.25	1401.80	60.10	93.45	9.24	11.14	2.31
(#) PU 300x80 x 3.20	300	80	3.20	3.20	14.38	11.29	1.21	1772.81	75.88	118.19	11.72	11.10	2.30
PU 300x80 x 4.75	300	80	4.75	4.75	21.11	16.57	1.12	2562.24	109.34	170.82	17.07	11.02	2.28
PU 300x90 x 3.20	300	90	3.20	3.20	15.02	11.79	1.50	1914.01	105.75	127.60	14.73	11.28	2.65
PU 300x90 x 4.75	300	90	4.75	4.75	22.05	17.31	1.41	2769.28	152.78	184.61	21.49	11.20	2.63
(#) PU 320x80 x 2.50	320	80	2.50	2.50	11.79	9.26	1.19	1638.63	61.00	102.41	9.30	11.79	2.27
(#) PU 320x80 x 3.20	320	80	3.20	3.20	15.02	11.79	1.15	2073.34	77.03	129.58	11.80	11.75	2.26

(#) Perfiles normalizados según Norma IRAM IAS U 500-206 - 1 y 2

(I) Los valores indicados son a título informativo

Largo Mínimo de Barra: 4 metros

Largo Standard: 12 mts.

Largo 13 mts.: en Alturas mayores o iguales a 120 mm. consultar según medidas y espesores.

Largo 15 mts.: en Alturas mayores o iguales a 140 mm. consultar según medidas, espesores y volumen mínimo.

Tolerancia en el largo -0 / +30 mm. Para largos especiales consultar por tolerancia restringida.

Medidas que no figuran en esta tabla consultar factibilidad de fabricación.

PERFIL U ENSAMBLABLE

Medidas y características geométricas



DESIGNACIÓN DEL PERFIL	ALTURA (alma)		ALA (rama)	ESPESOR	RADIO DE ACUERDO	ÁREA NOMINAL DE LA SECCIÓN	MASA NOMINAL	DISTANCIAS DEL CENTRO DE GRAVEDAD (1)		MOMENTOS DE INERCIAS		MÓDULOS RESISTENTES (1)		RADIOS DE GIRO (1)	
	h	hi	b					e _y	e _x	I _x	I _y	W _x	W _y	i _x	i _y
	mm	mm	mm					mm	mm	Cm ²	Kg/m	Cm	Cm	Cm ⁴	Cm ⁴
(#) PUE 125x50 x 2.50	125	120	50	2.50	2.50	5.42	4.25	0.97	126.66	12.79	20.27	3.38	4.83	1.54	
PUE 125x50 x 3.20	125	119	50	3.20	3.20	6.86	5.39	0.93	158.14	16.00	25.30	4.27	4.80	1.53	
PUE 125x60 x 3.20	125	120	60	3.20	3.20	7.35	5.77	1.09	179.39	19.87	28.86	4.33	4.94	1.64	
PUE 145x60 x 2.50	145	140	60	2.50	2.50	6.42	5.04	1.18	196.84	20.18	27.15	4.18	5.54	1.77	
PUE 146x50 x 3.20	146	140	50	3.20	3.20	8.19	6.43	1.12	246.37	23.69	33.52	4.85	5.47	1.70	
PUE 146x60 x 2.50	146	141	60	2.50	2.50	6.35	4.98	1.06	205.45	17.81	28.23	3.80	5.69	1.68	
PUE 146x60 x 3.20	146	140	60	3.20	3.20	8.19	6.43	1.17	263.00	27.92	35.93	6.20	5.67	1.85	
PUE 150x50 x 3.20	150.4	144	50	3.20	3.20	7.68	6.03	0.79	225.29	11.63	29.96	2.76	5.42	1.23	
PUE 166x60 x 3.20	166	160	60	3.20	3.20	8.83	6.93	1.08	355.82	28.97	42.77	6.30	6.35	1.81	
PUE 186x70 x 3.20	186	180	70	3.20	3.20	10.11	7.93	1.32	520.00	46.07	55.79	8.60	7.17	2.13	
PUE 188x60 x 2.00	188	184	60	2.00	2.00	6.03	4.73	1.04	301.74	17.15	32.10	3.46	7.07	1.69	
(#) PUE 200x85 x 3.20	200	194	85	3.20	3.20	11.52	9.04	1.71	687.25	83.85	68.59	12.35	7.72	2.70	
PUE 206x70 x 3.20	206	200	70	3.20	3.20	10.75	8.44	1.23	661.77	47.39	64.13	8.70	7.85	2.10	
PUE 206x80 x 3.20	206	200	80	3.20	3.20	11.39	8.94	1.52	701.94	67.75	68.02	10.45	7.85	2.44	
PUE 206x90 x 3.20	206	200	90	3.20	3.20	12.03	9.45	1.86	771.31	102.30	74.74	14.32	8.01	2.92	
PUE 206x100 x 3.20	206	200	100	3.20	3.20	12.67	9.95	2.21	840.68	146.92	81.46	18.86	8.14	3.40	
PUE 228x80 x 3.20	228	222	80	3.20	3.20	12.10	9.50	1.43	893.35	67.75	78.23	10.31	8.59	2.37	
PUE 228x90 x 3.20	228	222	90	3.20	3.20	12.74	10.00	1.75	978.55	102.30	85.69	14.12	8.77	2.83	
(#) PUE 228x100 x 3.20	228	222	100	3.20	3.20	13.38	10.50	2.09	1063.75	146.92	93.15	18.58	8.92	3.31	
PUE 248x80 x 3.20	248	242	80	3.20	3.20	12.74	10.00	1.36	1092.69	67.75	87.98	10.20	9.26	2.31	
PUE 248x90 x 3.20	248	242	90	3.20	3.20	13.38	10.50	1.67	1169.10	102.30	96.11	13.96	9.45	2.77	
PUE 268x80 x 3.20	268	262	80	3.20	3.20	13.38	10.50	1.29	1317.56	67.75	98.18	10.10	9.92	2.25	
PUE 268x90 x 3.20	268	262	90	3.20	3.20	14.02	11.00	1.59	1435.71	102.30	106.98	13.81	10.12	2.70	
PUE 268x100 x 3.20	268	262	100	3.20	3.20	14.66	11.51	1.91	1553.87	146.92	115.79	18.16	10.30	3.17	
PUE 288x80 x 3.20	288	282	80	3.20	3.20	14.02	11.00	1.23	1569.29	67.75	108.83	10.01	10.58	2.20	
PUE 288x90 x 3.20	288	282	90	3.20	3.20	14.66	11.51	1.52	1705.94	102.30	118.30	13.68	10.79	2.64	
PUE 288x100 x 3.20	288	282	100	3.20	3.20	15.30	12.01	1.83	1842.59	146.92	127.78	17.98	10.98	3.10	
PUE 308x80 x 3.20	308	302	80	3.20	3.20	14.66	11.51	1.18	1849.23	67.75	119.92	9.93	11.23	2.15	
PUE 308x90 x 3.20	308	302	90	3.20	3.20	15.30	12.01	1.46	2005.72	102.30	130.07	13.57	11.45	2.59	
(#) PUE 308x100 x 3.20	308	302	100	3.20	3.20	15.94	12.51	1.76	2162.21	146.92	140.22	17.82	11.65	3.04	

(#) Perfiles normalizados según Norma IRAM IAS U 500-206 - 2 - Calidades de Acero F22/F24

(1) Los valores indicados son a título informativo

Largo Mínimo de Barra: 4 mts.

Largo Standard: 12 mts.

Largo 13 mts.: en Alturas mayores o iguales a 120 mm. consultar según medidas y espesores.

Largo 15 mts.: en Alturas mayores o iguales a 140 mm. consultar según medidas, espesores y volumen mínimo.

Tolerancia en el largo -0 / +30 mm. Para largos especiales consultar por tolerancia restringida.

Medidas que no figuran en esta tabla consultar factibilidad de fabricación.