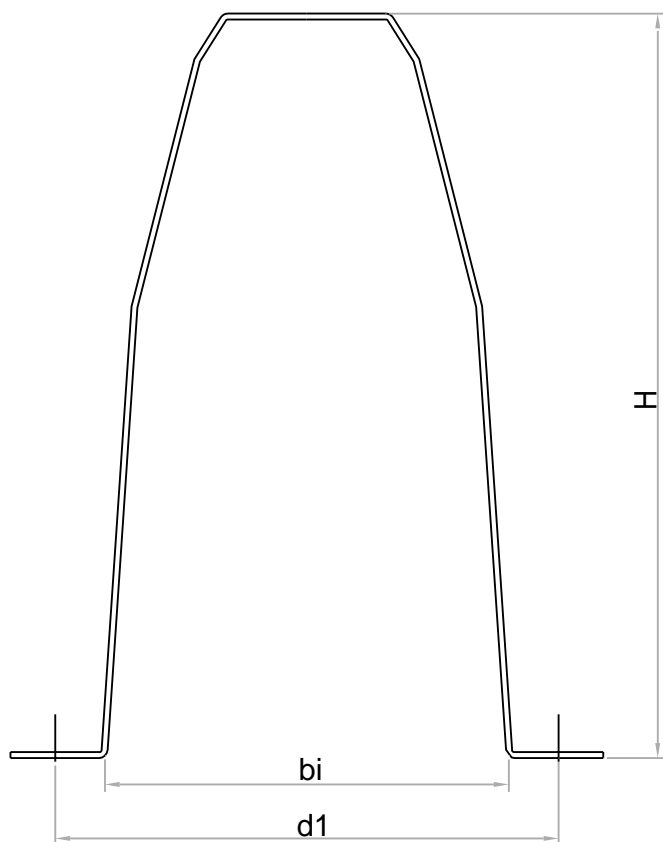


Perfil Omega – Mother of support

GALVANIZED PROFILE



Base material

Structural Steel S220GD – S320GD (EN10346)
Other coatings on request

Durability

Galvanizado Z100- Z275(EN10346)
Other coatings on request

Drilling

Hole Ø12x14mm - Screw M10

Thickness

1.5; 2.0; 2.5 e 3.0 mm
According to omega specification

Geometric tolerances

Class 1 (EN1090-4)

Reaction to fire

Class A1

Manufacturing

According to customer specifications/drawings

GEOMETRIC PROPERTIES TABLE

PERFILE	Dimensions				Area cm ²	WEIGHT kg/m	Center of gravity		Inertia			Radius of gyration		Sturdy module		Painting area Unit Surface m ² /m	Drilling	Screw
	e	H	b _i	d1			YG	ZG	IY	IZ	IT	I _y	I _z	w _y	w _z			
	mm						mm		cm ⁴			cm		cm ³				
Ω 80	1.5	80	90	110	3.75	2.94	65.5	41.9	32.7	51.6	0.03	2.95	3.71	8.58	7.88	0.503	Ø 12x14	M10
	2				5.00	3.93	66.0	41.8	43.2	69.5	0.06	2.94	3.73	11.32	10.52	0.504		
	2.5				6.25	4.91	66.5	41.6	53.6	87.6	0.12	2.93	3.74	13.96	13.18	0.505		
Ω 100	1.5	100	100	122	4.50	3.53	74.5	50.7	59.6	75.6	0.03	3.64	4.10	12.09	10.15	0.603	Ø 12x14	M10
	2				6.00	4.71	75.0	50.6	79.0	101.8	0.07	3.63	4.12	16.00	13.57	0.604		
	2.5				7.50	5.89	75.5	50.5	98.0	128.2	0.14	3.61	4.13	19.80	16.97	0.605		
Ω 120	1.5	120	105	125	4.95	3.89	73.0	62.1	88.0	85.4	0.03	4.22	4.15	15.18	11.70	0.663	Ø 12x14	M10
	2				6.60	5.18	73.5	61.9	116.7	114.8	0.08	4.21	4.17	20.09	15.62	0.664		
	2.5				8.25	6.48	74.0	61.7	145.2	144.6	0.16	4.19	4.19	24.91	19.54	0.665		
Ω 140	1.5	140	108	135	5.67	4.45	78	70.4	137.2	112.2	0.04	4.92	4.45	19.72	14.38	0.759	Ø 12x14	M10
	2				7.56	5.93	78	70.2	182.2	150.8	0.09	4.91	4.47	26.11	19.33	0.760		
	2.5				9.45	7.42	78	70.1	226.6	190.0	0.18	4.90	4.48	32.41	24.35	0.761		
Ω 160	1.5	160	115	145	6.23	4.89	80.0	81.6	186.8	129.8	0.04	5.48	4.57	23.83	16.22	0.833	Ø 12x14	M10
	2				8.30	6.52	80.5	81.4	248.2	174.3	0.10	5.47	4.58	31.59	21.65	0.834		
	2.5				10.38	8.14	81.0	81.3	309.1	219.4	0.20	5.46	4.60	39.25	27.09	0.835		
Ω 200	1.5	200	130	165	7.50	5.89	89.5	100.9	339.5	190.3	0.05	6.73	5.04	34.27	21.26	1.003	Ø 12x14	M10
	2				10.00	7.85	90.0	100.8	451.5	255.4	0.13	6.72	5.05	45.49	28.38	1.004		
	2.5				12.50	9.81	90.5	100.6	562.8	321.4	0.25	6.71	5.07	56.60	35.51	1.005		
Ω 250	1.5	250	130	170	9.30	7.30	99.5	122.2	655.4	266.4	0.07	8.39	5.35	51.27	26.77	1.243	Ø 12x14	M10
	2				12.40	9.73	100.0	122.0	871.9	357.5	0.16	8.39	5.37	68.11	35.75	1.244		
	2.5				15.50	12.17	100.5	121.8	1087.3	449.8	0.31	8.38	5.39	84.83	44.76	1.245		