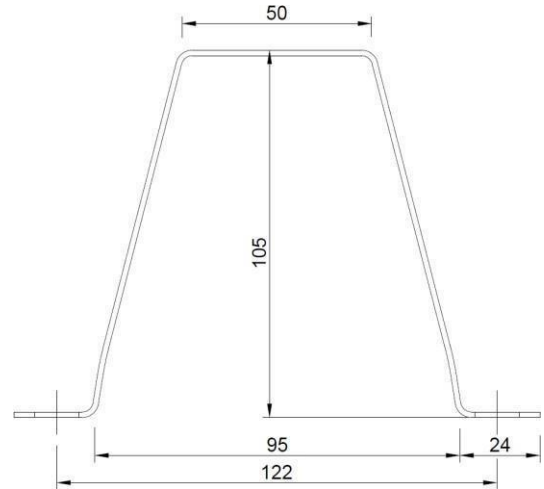
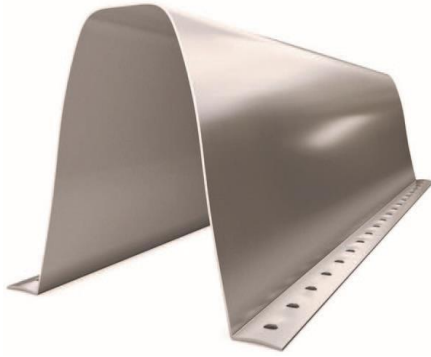


Omega 100 – Mother of support

GALVANIZED PROFILE



1029
21
1029 - CPR - PT20/07229
EN 1090-1



Base material

Structural Steel S220GD - S320GD
(EN10346)
Other steel grades on request

Type of protection

Structural Steel Z100 - Z275 (EN10346)
Other steel grades on request

Drilling

Hole Ø12x14mm - Screw M10

Thickness

1.5; 2 e 2.5 mm

Geometric tolerances

EN1090-4 and EN 10162

Reaction to fire

Class A1

Manufacturing

According to customer specifications/drawings

TABLE OF GEOMETRIC PROPERTIES

PERFILE	Dimensions						Área cm ²	Weigh t kg/m	Center of gravity		Inertia			Radius of gyration		Sturdy module		Painting area	Drilling	Screw
	e	H	b	b ₁	d ₁	c			YG	ZG	IY	IZ	IT	i _y	i _z	w _y	w _z	Unit Surface		
	mm								mm		cm ⁴			cm		cm ³		m ² /m		
Ω 100	1.5	105	50	95	122	24	4.50	3.53	71.5	52.9	67.3	73.5	0.03	3.87	4.04	12.92	10.28	0.603	Ø 12x14	M10
	2						6.00	4.71		52.8	89.2	98.8	0.08	3.86	4.06	17.08	13.82	0.604		
	2.5						7.50	5.89		52.6	110.7	124.5	0.15	3.84	4.07	21.13	17.42	0.605		

Note: The properties shown in the table refer to the raw section. The effects of the material's geometric non-linearity and imperfect execution are not taken into account.