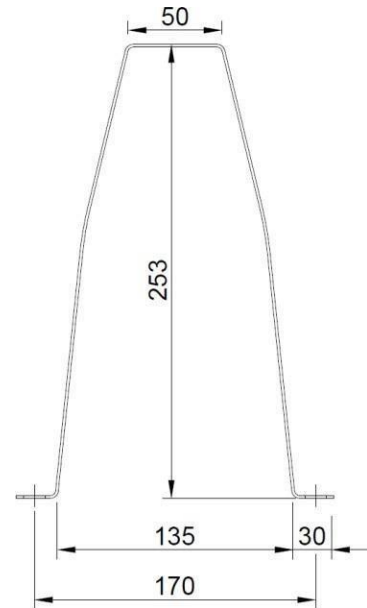


# Omega 250 – Mother of support

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  $\varnothing$ 12x14mm - 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	Weight	Center of gravity		Inertia			Radius of gyration		Sturdy module		Painting area	Drilling	Screw		
	e	H	b	b <sub>i</sub>	d <sub>1</sub>	c			YG	ZG	IY	IZ	IT	i <sub>y</sub>	i <sub>z</sub>	w <sub>y</sub>	w <sub>z</sub>	Unit Surface				
	mm								cm <sup>2</sup>	kg/m	mm		cm <sup>4</sup>			cm		cm <sup>3</sup>			m <sup>2</sup> /m	
Ω 250	1.5	253	50	135	170	30	9.15	7.18	97.5	123.4	638.5	268.2	0.07	8.35	5.41	49.27	27.50	1.223	Ø 12x14	M10		
	2						12.20	9.58		123.2	894.4	359.8	0.16	8.34	5.43	65.44	36.91	1.224				
	2.5						15.25	11.97		123.0	1059.0	452.6	0.31	8.33	5.45	81.46	46.42	1.226				

**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.