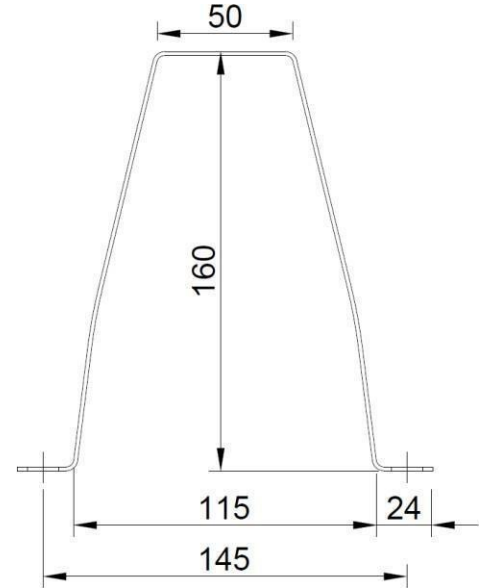
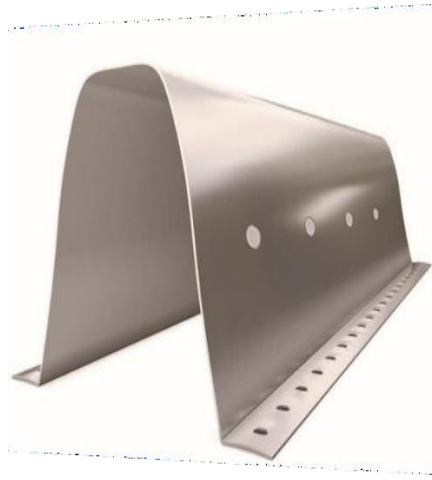


# Omega 160 – Mother of support

GALVANIZED PROFILE



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



### Base material

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

### Type of protection

Structural Steel Z100 - Z275 (EN10346)  
Other coatings 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 <sup>2</sup>	Weigh t kg/m	Center of gravity		Inertia			Radius of gyration		Sturdy module		Painting area Unit Surface m <sup>2</sup> /m	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>			
	mm								mm		cm <sup>4</sup>			cm		cm <sup>3</sup>				
Ω 160	1.5	160	50	115	145	24	6.23	4.89	81.5	80.5	191.0	135.2	0.05	5.54	4.66	24.02	16.59	0.833	Ø 12x14	M10
	2						8.30	6.52		80.4	253.6	181.7	0.11	5.53	4.68	31.86	22.29	0.834		
	2.5						10.38	8.14		80.2	315.7	228.7	0.1	5.52	4.70	39.56	28.07	0.835		

**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.