

## GM-A



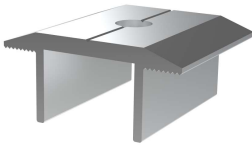
### PRODUCT DESCRIPTION

- Aluminium gauge for solar frame

### CHARACTERISTICS

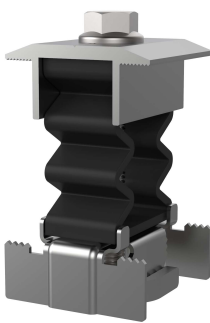
- Gauge designed to complement fixing clamps as an external support for solar panels mounted at the ends of lines.
- EN AW 6063-T6 extruded aluminium profile.
- For outside use.
- Sturdy design for mounting on the clamp profile to ensure the stability of solar panels mounted at the ends of lines.
- Length of profile depends on the solar panel height.
- Available for 30, 35 and 40 mm-high frames. Other sizes available on request.

### APPLICATIONS/MOUNTING ACCESSORIES



**PGSA26**

Used as a support for attachment clamps for solar panels mounted at the ends of lines.

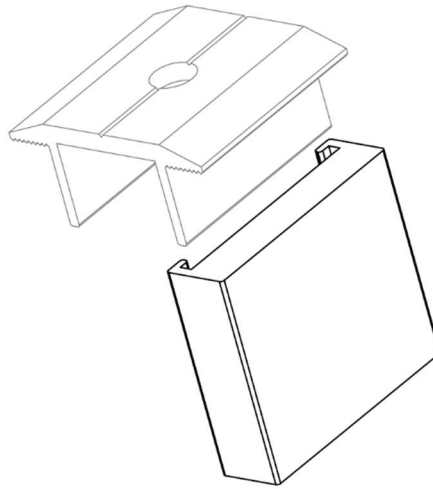


**KFRSC3050**

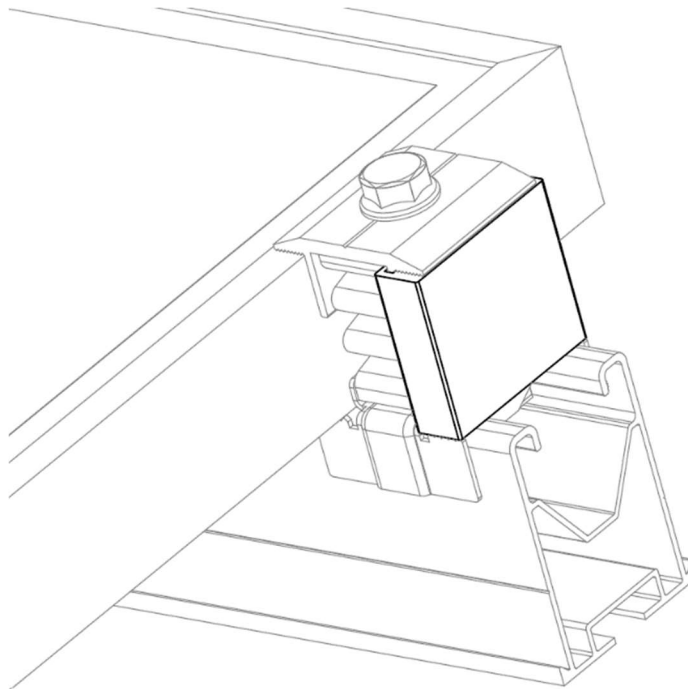
It is specifically designed for use with the **PGSA26** “simple clamp”, both when installed separately and when it is part of the **KFRSC3050** “Quick pre-assembled clamp”.

The length of the clamp profile should be the same height as the solar panel frame.

**APPLICATION EXAMPLES**



**Application example 1: Mounting on simple clamp.**



**Application example 2: Mounting on KFRSC3050 quick pre-assembled clamp.**

**1. RANGE**

ITEM	CODE	PHOTO	DESCRIPTION	HEIGHT	MATERIAL
1	GMA030		Aluminium gauge for solar frame	30 mm	
	GMA035			35 mm	
	GMA040			40 mm	

## 2. INSTALLATION INFORMATION

### 2.1 GM-A

### Aluminium gauge for solar frame



#### Material



Aluminium  
6063-T6

#### Compatible



PGSA26  
Simple clamp

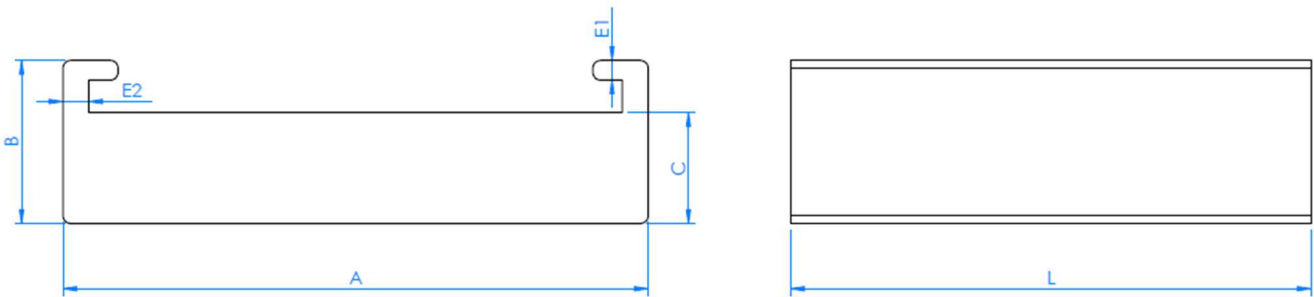


KFRSC3050  
Quick pre-assembled clamp

#### Measurement table

Code	A (mm)	B (mm)	C (mm)	E1 (mm)	E2 (mm)	L (mm)
GMA030	45	12,5	8,5	1,5	2	30
GMA035	45	12,5	8,5	1,5	2	35
GMA040	45	12,5	8,5	1,5	2	40

#### Drawing



#### Mechanical properties of the material

	Yield strength $F_{y0.2}$ (N/mm <sup>2</sup> )	Ultimate load $F_u$ (N/mm <sup>2</sup> )	Elastic modulus $E$ (N/mm <sup>2</sup> )	Transverse elastic modulus $G$ (N/mm <sup>2</sup> )	Linear expansion coefficient $\alpha$ ( $\mu\text{m}/\text{C}^\circ$ )	Specific weight $\rho$ (kg/m <sup>3</sup> )
EN AW6063-T6 aluminium	225	270	69.500	26.200	23,3	2.710

#### Mechanical properties of the profile.

	Area $S$ (cm <sup>2</sup> )	Moment of inertia $I_x$ (cm <sup>4</sup> )	Moment of inertia $I_y$ (cm <sup>4</sup> )	Section modulus $W_x$ (cm <sup>3</sup> )	Section modulus $W_y$ (cm <sup>3</sup> )	Linear weight $W$ (kg/m)
 GM-A	4,05	0,32	7,75	0,40	3,44	1,09