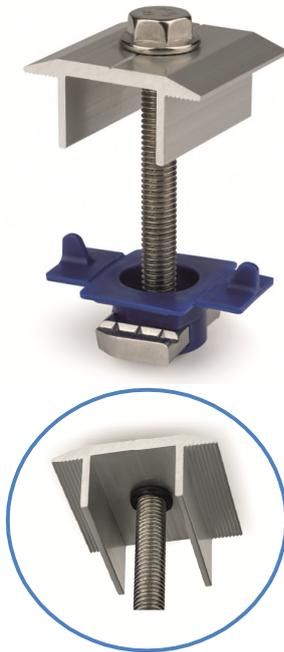


### KFR-SS

### PRODUCT DESCRIPTION

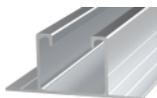
- Simple pre-assembled clamp.



### CHARACTERISTICS

- Complete clamp for solar panel mounting
- Pre-assembled.
- Includes one PGSA26 (ou PGSN26) clamp profile in EN AW 6005-T6 anodised extruded aluminium.
- Includes one DIN-6921 (M8x50 or M8x70) bolt and one INDEXTRUT M8 guide nut in stainless steel A2-70.
- Includes one metal bridge in stainless steel AISI-304.
- Includes 1 O-ring unit for easy assembly by the installer.
- For outside use.
- Adjustable 30 mm- and 50 mm-high solar panel frames.
- Support areas on clamp profile and metal bridge on toothed surface for improved upper and lower panel grip.
- Can be used to mount panels in both intermediate areas and at the ends of lines.
- Specifically designed for the fixing of frame gauges when mounting at the ends of lines.
- Creates a 26-mm separation between panels.
- Quick, intuitive assembly that facilitates mounting and maintenance work.

### ASSEMBLY APPLICATIONS/ACCESSORIES



PSA-A



GP-XS

Used to attach solar panels by putting pressure, made by the clamp profile at the top of the solar panel frame and made by INDEXTRUT M8 guide nut at the bottom of the solar panel frame, both included in the kit.

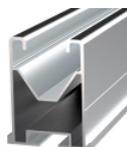


PSA-AV



GP-VD

It can be mounted on **GP-XS** and **GP-VD** "INDEXTRUT solar perforated guide" or on any aluminium profile from the solar range, **PSA-A** "Winged aluminium profile", **PSA-AV** "Winged aluminium profile for direct fixing on valley", **PSE-A** or **PSE-C** "Aluminium profile for assembled fixing".

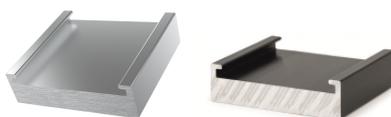


PSE-A



PSE-C

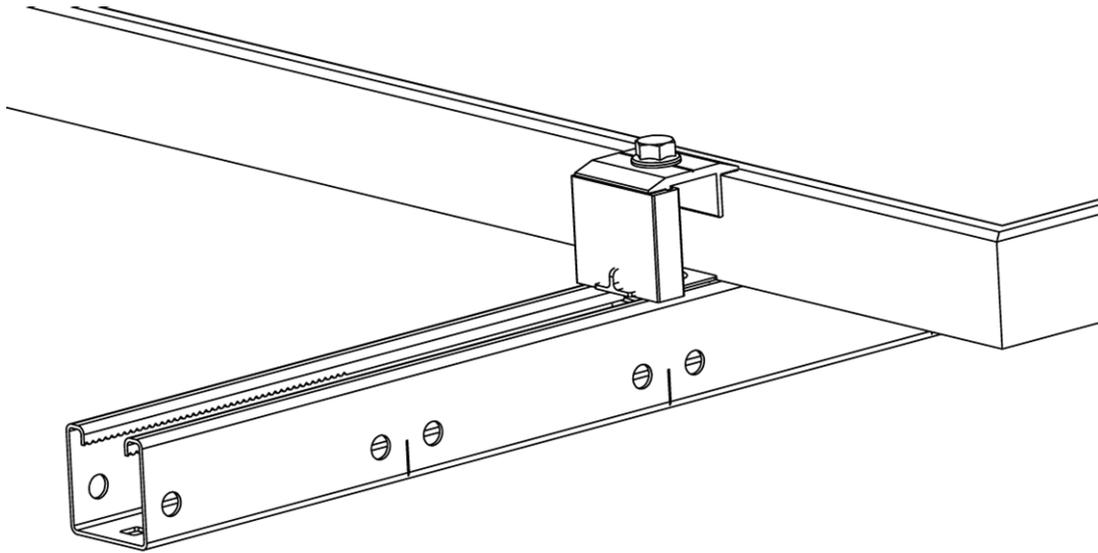
Pressure is exerted through the pre-tightening of the bolt on guide nut with a maximum tightening torque of 14 Nm.



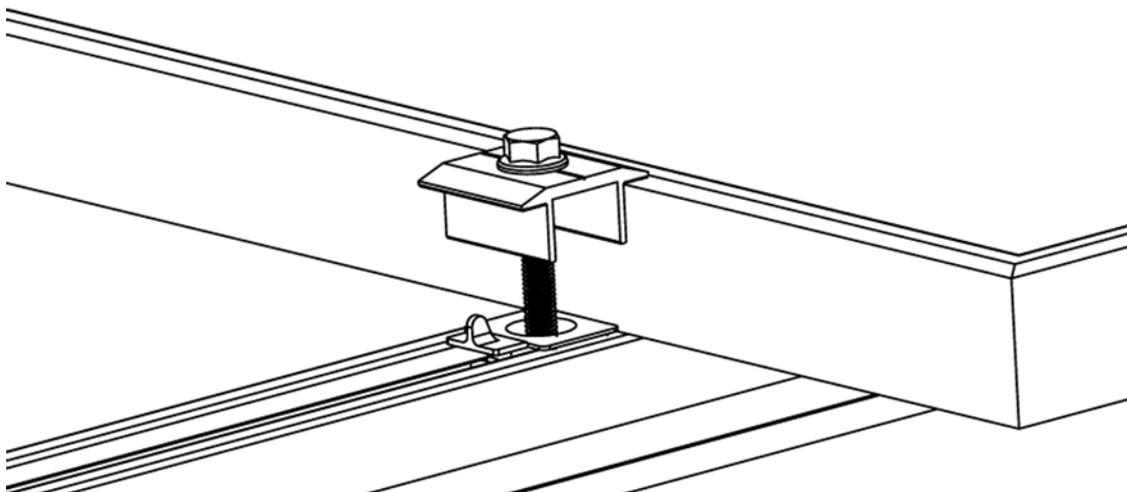
GM-A / GM-N

When panels are mounted at the ends of lines it is also necessary to use a **GM-A** (o **GM-N**) "aluminium gauge for solar frame". The gauge size should be the same height as the solar panel frame.

### APPLICATION EXAMPLES



Application example 1: Mounting on a GP-XS INDEXTUT solar perforated guide in a final position.



Application example 2: Mounting on a PSE-C "Aluminium profile for assembled fixing"

## 1. RANGE

ITEM	CODE	PHOTO	DESCRIPTION	FRAME HEIGHT	MATERIALS	FINISH
1	KFRSS0850		Simple pre-assembled clamp kit.	30-35mm	 AW 6005-T6	 Anodised
2	KFRSS0870			40-50 mm	 AISI-304	
				 EPDM		

## 2.DATOS DE INSTALACIÓN

**2.1 KFR-SS**

**Sample pre-assembled clamp.**

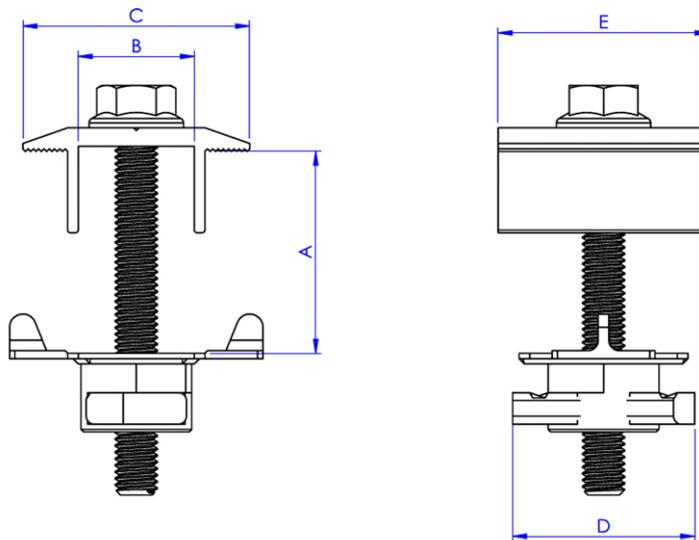


<b>Material-1</b>	<b>Compatible</b>					
 <b>Al</b> 6005-T6 aluminium	 <b>PSA-A</b> Winged aluminium profile	 <b>PSA-AV</b> Winged aluminium profile for direct fixing on valley	 <b>PSE-A</b> Aluminium profile for assembled fixing	 <b>PSE-C</b> Aluminium profile	 <b>GP-XS</b> INDEXTRUT solar perforated guide	 <b>GP-VD</b> INDEXTRUT solar perforated guide
<b>Finish-1</b>	<b>Material-2</b>	<b>Material-3</b>	<b>Accessory</b>			
 <b>A</b> Anodised	 <b>A2 INOX</b> AISI 304	 <b>EPDM</b> EPDM	 <b>GM-A / GM-N</b> Aluminium gauge for solar frame			

**Measurement table**

Código	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
KFRSS0850	30-35	26	43	35	40
KFRSS0870	40-50				

**Drawing**



**Mechanical properties of the material**

	Yield strength F <sub>y0.2</sub> (N/mm <sup>2</sup> )	Ultimate load F <sub>u</sub> (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 α <sub>L</sub> (µm/C°)	Specific weight ρ (kg/m <sup>3</sup> )
EN AW-6005-T6 aluminium	225	270	69,500	26,200	23.3	2,710
A2-70 stainless steel	450	700	200,000	81,000	17.3	7,930
AISI-304 stainless steel	230	540	200,000	81,000	17.3	7,930

**Installation table**

Guide rail/Profile	Guide rail/Profile	Guide rail/Profile	Guide rail/Profile
<b>KFRSS0850 / KFRSS0870</b>	GP-XS	SW13	14
	GP-VD	SW13	14
	PSA-A	SW13	14
	PSA-AV	SW13	14
	PSE-A	SW13	14
	PSE-C	SW13	14