

### FJA

### PRODUCT DESCRIPTION

- Aluminium fasteners for standing seam or standing seam roofs.

### CHARACTERISTICS

- Pre-assembled kit for bottom or lateral fixing with PMO-L.
- Include two profiles in 6005-T6 anodised extruded aluminium alloy.
- Includes 2 DIN-6921 M8x50 bolts and 2 DIN-6923 (M8) nuts in A2-70 stainless steel.
- For outside use.
- 50 mm long, rough-finished clamp to ensure a good grip on the cover without drilling.
- Module elevation 20 mm.
- Fastener compatible with coplanar systems.
- Allows quick and accessible fixing by two bolts.
- Allows dismantling without damaging structural elements, maximum tightening torque: 14 Nm.

### APPLICATIONS/MOUNTING ACCESSORIES

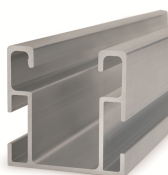


PSE-A



KFSFIM08

In the **assembled aluminium coplanar system**, for solar panel assembly, used as a fastening element on standing seam or standing seam roofs. In the assembly of **PSE-A** "Aluminium solar profile for assembled fixing", on each clamp is used as an assembly supplement a unit of **KFSFIM08** "Cross connector for bottom fixing".



PSE-C



KFSFIM08 + PMOL +  
D603I08016 +  
D6923IM08

In the **aluminium side-mounted coplanar system**, for mounting solar panels, it is used as a fastening element on standing seam or standing seam roofs. In the assembly of the **PSE-C** "Aluminium solar profile for lateral assembled fixing", on each clamp is used as an assembly supplement a unit of **KFSFIM08** "Cross connector for bottom fixing", a unit of **PMOL1012** "L mounting plate for double threaded screws", a unit of **D603I08016** "DIN-603 M8 screw length 16mm" and a unit of **D6923IM08** "DIN-6923 nut in M8 metric", both in stainless steel A2-70.



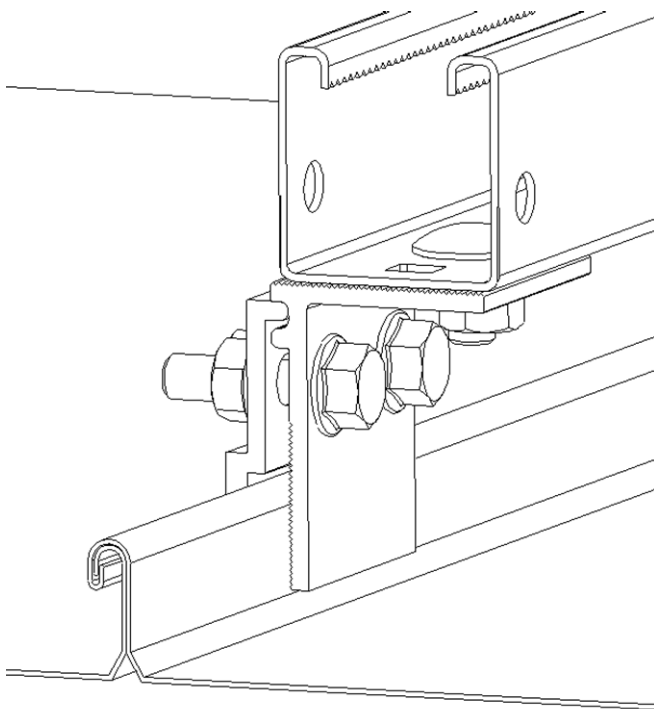
GP-XS



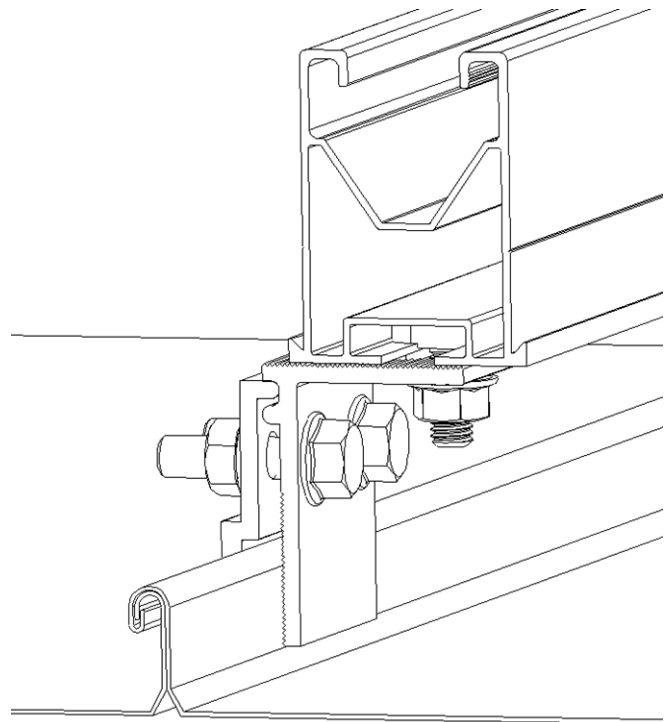
D60308016 +  
D6923IM08

In the **Atlantis steel coplanar system**, for solar panel mounting, it is used as a fastening element on standing seam or standing seam roofs. In the assembly of the **GP-XS** "INDEXTUT solar perforated guide", on each clamp the following mounting accessories are used: a unit of **D603I08016** "DIN-603 M8 screw length 16mm" and a unit of **D6923IM08** "DIN-6923 nut in M8 metric", both in stainless steel A2-70.

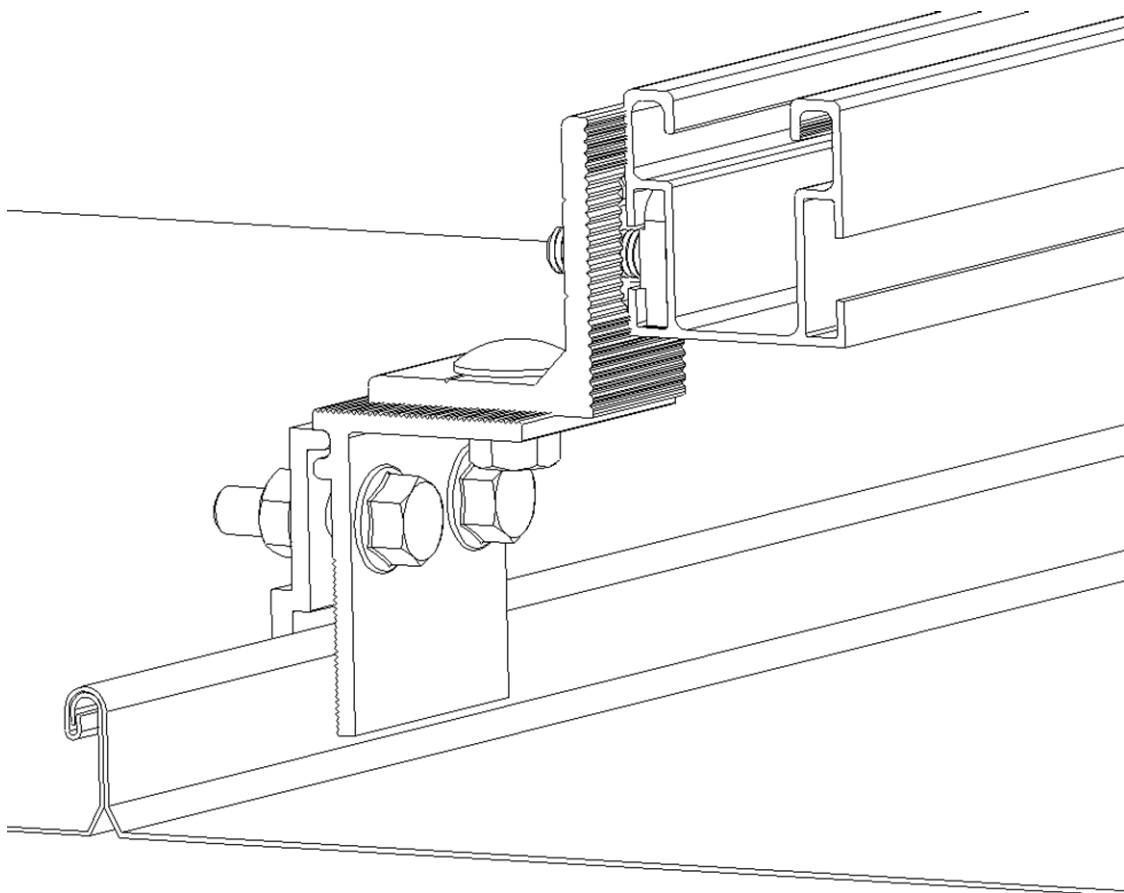
APPLICATION EXAMPLES



**Application example 1: Coplanar system assembly GP-XS on standing seam roofing.**

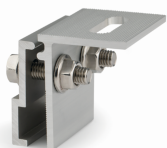





**Application example 2: Coplanar system assembly PSE-A on standing seam roofing.**



**Application example 3: Coplanar system assembly PSE-C on standing seam roofing.**

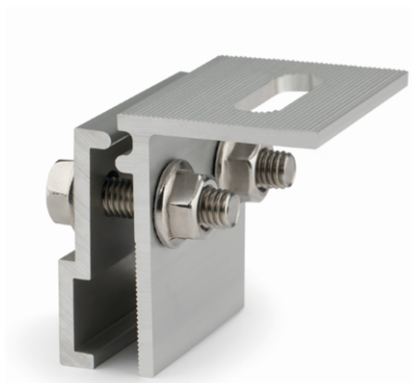









## 1. RANGE

ITEM	CODE	PHOTO	DESCRIPTION	LENGTH	MATERIAL	FINISH
1	FJA40054		Fastening for standing seam.	50mm	 Aluminium 6005-T6	 Anodised
					 A2-70	

## 2. INSTALLATION INFORMATION

### 2.1 FJ-A

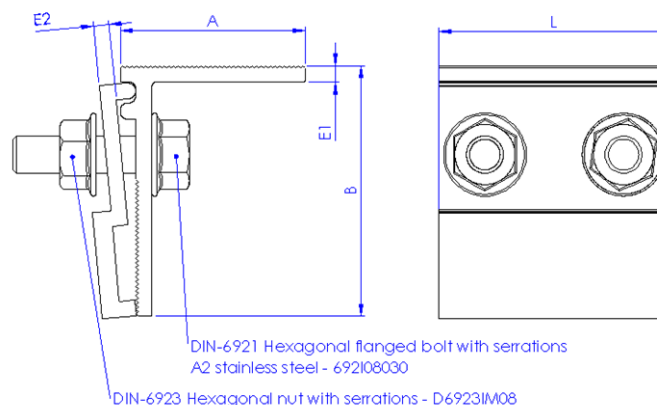
### Fastening for standing seam

	Material	Finish	Compatible	Assembly complements
	 Aluminium 6005-T6	 Anodised	 <b>PSE-A</b> Aluminium profile for assembled fixing	 <b>KFSFIM08</b> Cross connector for bottom fixing
	 A2-70		 <b>PSE-C</b> Aluminium profile for lateral assembled fixing	 <b>KFSFIM08 + PMOL + D603108016 + D6923IM08</b>
			 <b>GP-XS</b> NDEXTRUT solar perforated guide	 <b>D603108016 + D6923IM08</b> DIN-603 M8x16 + DIN-6923 M8

### Installation information

Code	A (mm)	B (mm)	E1 (mm)	E2 (mm)	L (mm)
FJA40054	40	54	3,5	3,5	50

### Drawing



### Mechanical properties of the materials

	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	193.000	78.000	17,3	7.930