

**TU-RX A2**

**PRODUCT DESCRIPTION**

- INDEXTRUT quick nut. Stainless steel A2.

**CHARACTERISTICS**

- Quick nut with plastic wings for the attachment of elements to aluminium solar profiles and steel perforated solar guides that are compatible with INDEXTRUT accessories.
- Pre-assembled.
- Includes one INDEXTRUT M8 guide nut in stainless steel A2-70.
- Includes one winged plastic body in UV radiation resistant LLDPE.
- For outside use.
- Quick, stable positioning on groove by rotating 90°, facilitating adjustment during panel installation.
- Toothed and grooved guide nut which facilitates adjustment of the longitudinal position.
- Reliable attachment thanks to the shape of the plastic body which prevents incorrect positioning of the guide nut.
- Retractable wings within the attachment groove with tabs that facilitate the turning of the nut during positioning.
- Maintains its position after removing attached elements, facilitating maintenance.



**ASSEMBLY APPLICATIONS/ACCESSORIES**



GP-XS



GP-VP



PSA-A



PSA-AV



PSE-A



PSE-C

Used to attach components to structural elements with a groove compatible with INDEXTRUT accessories, providing an M8 female attachment point to any longitudinal position in the groove.

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

Positioned in the groove by introducing the guide nut in the interior and turning the piece 90° clockwise. This ensures that the positioning of the nut is stable. It can be moved lengthwise along the groove without the need for tools.

We recommend that DIN-6921 M8 bolts in stainless steel A2-70 are used to attach elements on guide nuts, with a maximum recommended tightening torque of 14 N / m.

When used in the installation of solar panels, each quick nut should be mounted using the following accessories:

- One **6921I08070** "Screw DIN-6921 Hexagonal flanged bolt with serrations" in stainless steel A2-70.
- One **PGSA26** "simple clamp" in aluminium.

If mounting at the end of a line that is only supported on one side on a solar panel, the following assembly accessory will be needed:

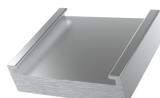
- One **GM-A** "aluminium gauge for solar frame". The gauge size should be the same height as the solar panel frame.



PGSA26

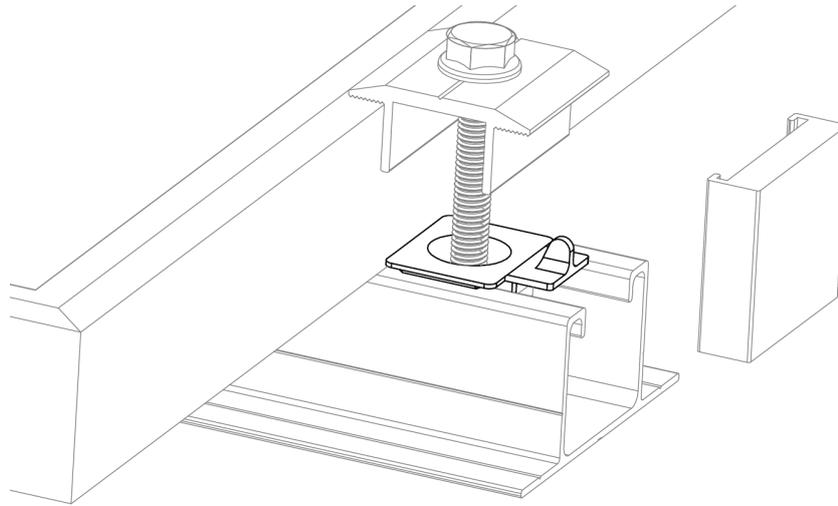


6921I08070

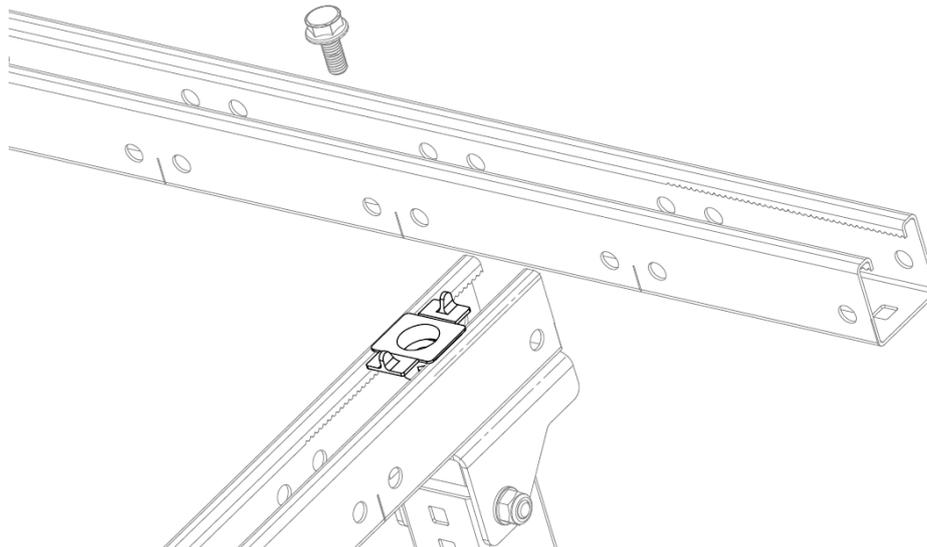


GM-A

APPLICATION EXAMPLES



Application example 1: Mounting of a PGSA26 simple clamp at the end of the line on a PSA-A profile.



Application example 1: Mounting on a GP-XS INDETRUT solar perforated guide on a TRPXS412515 triangle.

1. RANGE

ITEM	CODE	PHOTO	DESCRIPTION	METRIC	MATERIALS
1	TURXA208		INDETRUT quick nut. Stainless steel A2.	M8	<div style="text-align: center;"> <p>AISI-304</p> </div> <div style="text-align: center;"> <p>LLDPE+UV resist</p> </div>

## 2. INSTALLATION INFORMATION

### 2.1 TU-RX A2

### INDEXTRUT quick nut. A2 stainless steel

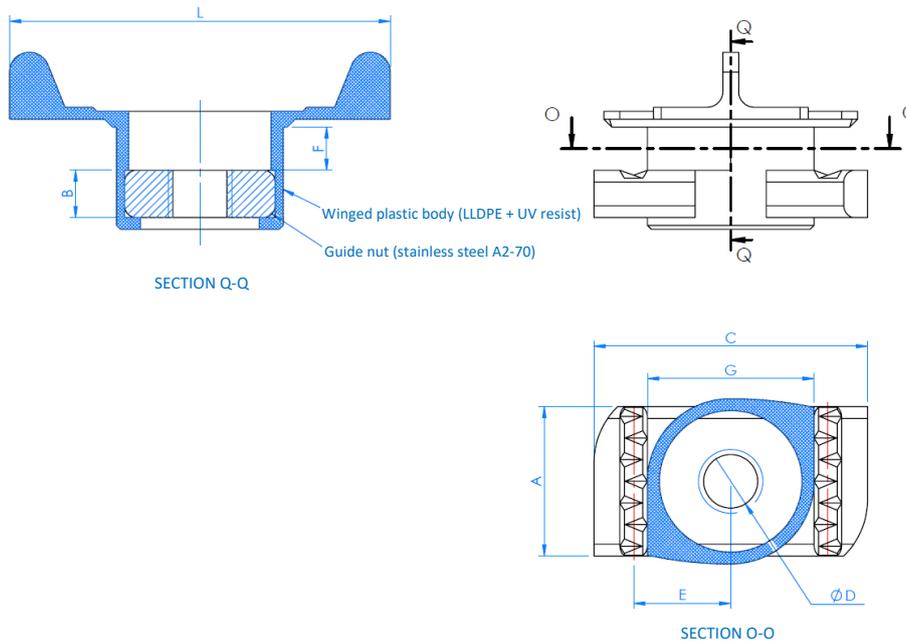


<p><b>A2 INOX</b> AISI 304</p>	<b>Compatible</b>					
	<p><b>GP-XS</b> INDEXTRUT solar perforated guide.</p>	<p><b>GP-VD</b> INDEXTRUT solar perforated guide for fixing in discontinuous valley</p>	<p><b>PSA-A</b> Winged aluminium profile</p>	<p><b>PSA-AV</b> Winged aluminium profile for direct fixing on valley</p>	<p><b>PSE-A</b> Aluminium profile for assembled fixing</p>	<p><b>PSE-C</b> Aluminium profile for lateral assembled fixing</p>
	<b>Material-2</b>					
<p><b>PE</b> LLDPE+UV resist</p>	<b>Accessories</b>					
	<p><b>PGSA26</b> Simple clamp</p>	<p><b>6921108070</b> DIN-6921 bolt. Stainless steel A2-70</p>	<p><b>GM-A</b> Aluminium gauge for solar panel frame</p>			

#### Measurement table

Code	A (mm)	B (mm)	C (mm)	D	E (mm)	F (mm)	G (mm)	L (mm)
TURXA208	19	6	35	M8	12.5	6	21	48

#### 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> )
A2-70 stainless steel	450	700	200,000	81,000	17.3	7,930

#### Installation table

Code	Guide rail/Profile	Installation tightening torque (Nm)	Extraction load $N_{Rd}$ (kN)
TURXA208	GPXS4115	14	4.80
TURXA208	PSA-A	14	3.89
TURXA208	PSA-AV	14	3.89
TURXA208	PSE-A	14	3.05