

# SOLAR FIXING



Installation systems and fixings for photovoltaic panels

**EN**



# A PERFECT FIXING for **YOUR BUSINESS**

At **INDEX®** we are manufacturers and industrial suppliers of fixing systems, offering global solutions adapted to your business needs.

***BUT WE ARE MUCH MORE THAN THAT.  
WE ARE A LARGE TEAM ENGAGED IN  
CONTINUOUS RESEARCH, DEVELOPMENT  
AND INNOVATION, AND, LET'S FACE IT,  
WE'RE MORE THAN A LITTLE OBSESSED  
WITH ACHIEVING OUR GOAL:  
TO PROVIDE THE PERFECT FIXING.***

Whatever the size of your business, at **INDEX®**,  
**we will find the perfect fixing for your needs.**





## WHY IS INDEX® A PERFECT FIXING FOR YOUR BUSINESS?

AT **INDEX®**, we believe that nothing is impossible when it comes to striving for perfection. Therefore, we continuously invest in new products, approvals, production processes, and technological resources to meet all the demands of the market.

*These are just some of the reasons why  
**INDEX® STANDS OUT***



### AVAILABILITY AND WIDE PRODUCT RANGE

Over 10,000 products permanently in stock (guaranteed).



### WE WORK WITH THE CHANNEL

We sell through the distribution channel, enabling us to gain first-hand market knowledge.



### WE ARE EXPERT MANUFACTURERS

Over 30 years of experience in manufacturing fixing systems enables us to ensure the maximum quality of all our products, the best service, and competitive overall costs.



### CERTIFIED QUALITY

We hold the most important certificates and approvals, verifying that all of our products meet the highest quality standards.



### INTERNATIONAL PRESENCE

We are a global company with sales in more than 90 countries on the five continents and facilities in Spain, China and Mexico.



### ENGINEERING AND TECHNICAL SUPPORT SERVICES

We support our customers with structural design and calculations, joint site visits, and technical training on topics related to fixing systems.



### QUALITY CUSTOMER SERVICE

Our customers are at the heart of everything we do. We have a team of over 300 people at your service.



### INDEX SPACE ESTUDIO

We have the perfect display solution for all our customers, whatever their business.



# INDEX, a perfect choice



## A range with all integrated solutions

**We present a complete solution for all types of rooftop photovoltaic installations.**

The range is designed to ensure a fast, efficient and reliable installation. It offers a complete programme of systems with their corresponding assembly, fixing and sealing solutions, complemented by a wide selection of products from the INDEX® catalogue.

The correct installation of the steel or aluminium structures is key to obtaining maximum system performance, as they help to provide the durability of the installation and the optimum orientation and inclination of the installation.

## Maximum quality. Maximum guarantees

Solar installations require maximum reliability against external elements. That is why INDEX® offers high-quality products for steel and aluminium structures, as well as unified mounting and fastening solutions that simplify the component management and assembly of the structure at the installation site.

**We guarantee the highest standards of our products.** True to our commitment to quality, we ensure that all our products meet the highest standards.

We have optimal solutions for the assembly of structures for outdoor solar panels:

- **High-quality aluminium EN AW 6063 T6.** It is a high-strength aluminium alloy and with a good corrosion resistance.
- **Steel with Atlantis C4-M coating.** It is a coating suitable for outdoor installations with a corrosion resistance of more than 1,000h in a salt spray chamber.
- Stainless steel accessories.

In addition, we opt for pre-assembled systems and our own profiles, designed to facilitate assembly and maintenance works, with new designs aimed at improving performance and reliability.





## **A reliable system that is easy to assemble and maintain**

### **Looking to the future**

The incorporation of this new range focused on the renewables sector is an example of INDEX's commitment to continuous improvement and innovation. The development of this new solution has been a challenge in the form of a research and innovation project that has led to the incorporation of the latest technologies in materials/coatings and the need to design new profiles and assembly systems that bring developments to the current market.

### **Technical support**

We have complete advice on the different systems and their suitability for the location of the installation, personalised calculations and component breakdowns. We provide you with the technical means to verify that the entire installation is carried out with the maximum guarantee of success.

### **Training**

We consider it important that our customers have full knowledge of our range. We give personalised training courses, with the aim of teaching them how to make correct use of all the possibilities and features of our products.

### **Products adapted for the small user**

We like to understand the needs of all our customers in order to offer the best service. We have decided to include load calculation documentation in our range of assembly kits in order to facilitate the correct installation, according to the parameters of geographical positioning and layout on the ground.

### **National production, certified and with environmental sensitivity**

A significant volume of the products included in our range are of national origin, which is necessary to guarantee the high quality and innovation values required. We work with leading suppliers in their respective sectors, who have the highest certification standards required by European legislation.





# INDEX

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# SC-PSA

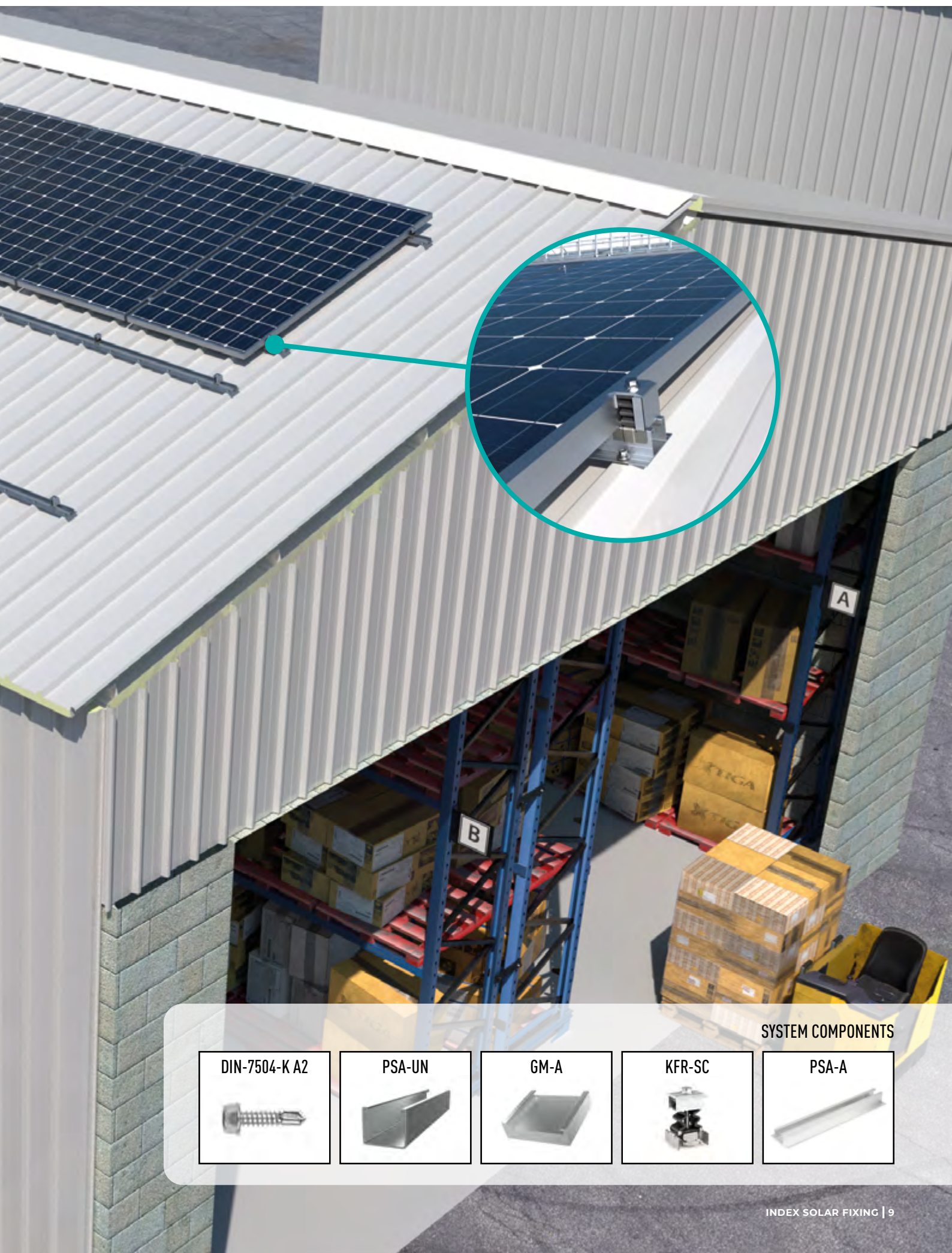
**COPLANAR WITH WINGED ALUMINUM PROFILE (PSA-A).  
DIRECT FIXING.**



## QUALITIES AND ADVANTAGES

- System for pitched roofs, with parallel assembly to the roof surface.
- Installation on metal roofs, on raised trapezoidal area, for any rib pitch.
- Portrait-type panel orientation (vertical).
- Direct fixing of the system on the roof itself, highly efficient and quick to install.
- Profile arranged in continuous format to simplify installation planning.
- Connection between profiles using internal profile and self-drilling screws, without interfering with the fixing of panels.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.





#### SYSTEM COMPONENTS

DIN-7504-K A2



PSA-UN



GM-A



KFR-SC



PSA-A





# SC-PSD

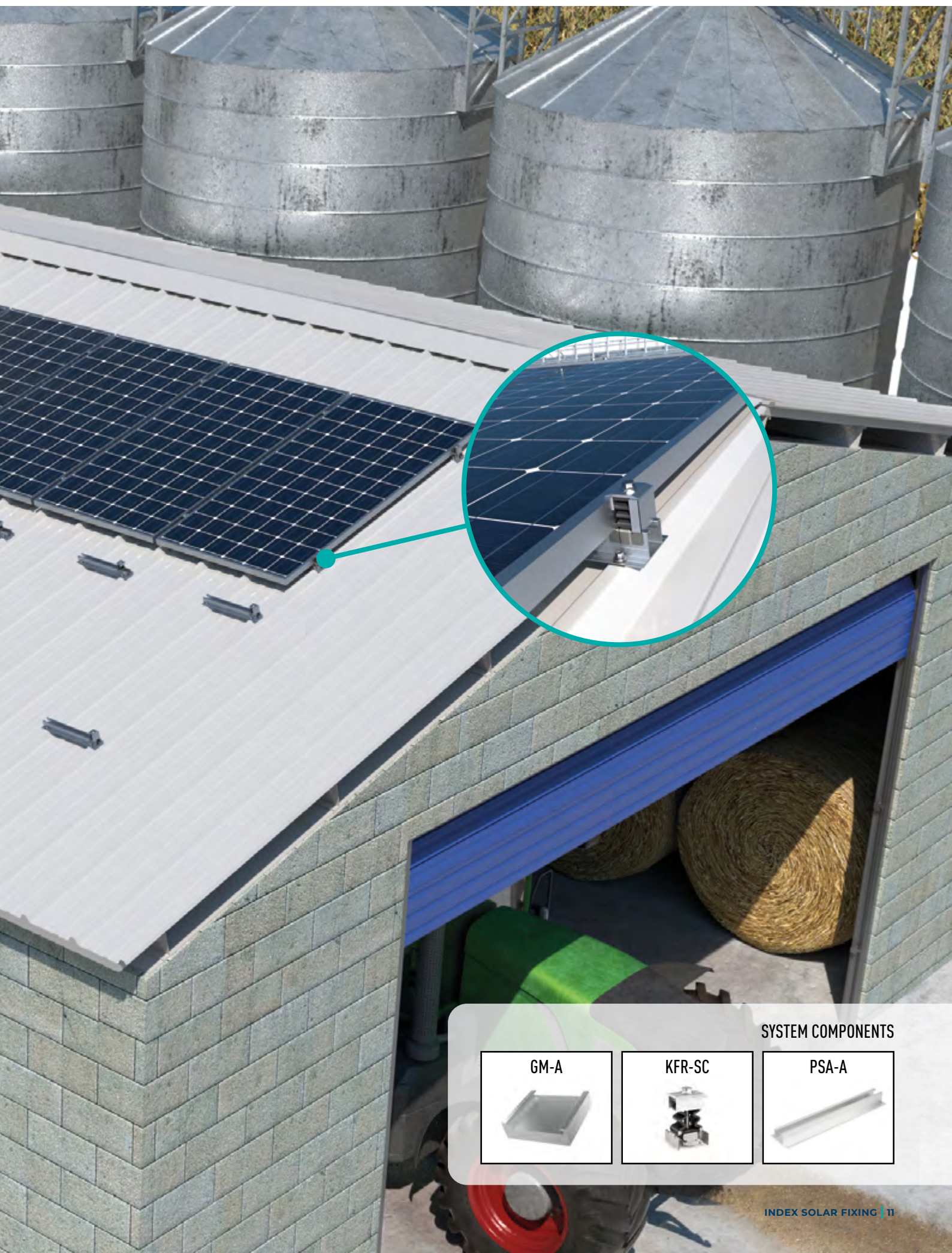
**COPLANAR WITH WINGED ALUMINUM PROFILE (PSA-A).  
DIRECT FIXING. DISCONTINUOUS PROFILE FORMAT.**



## QUALITIES AND ADVANTAGES

- System for pitched roofs, with parallel assembly to the roof surface.
- Installation on metal roofs, on raised trapezoidal area, for rib pitches  $\leq 360\text{mm}$ .
- Portrait-type panel orientation (vertical).
- Direct fixing of the system on the roof itself, highly efficient and quick to install.
- Profile arranged in discontinuous format to reduce the profile metres consumed.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.





SYSTEM COMPONENTS

GM-A



KFR-SC



PSA-A





# SC-PSE

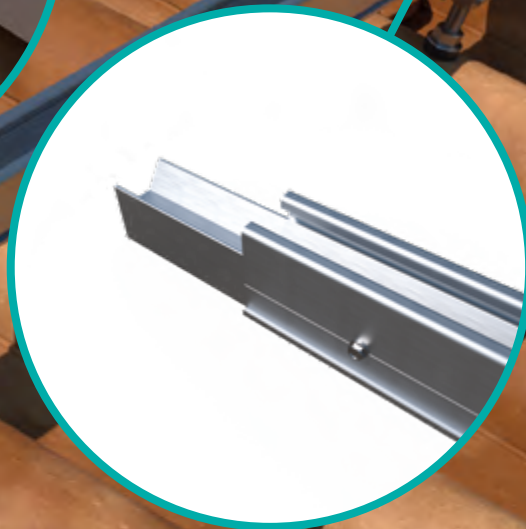
**COPLANAR WITH ALUMINIUM PROFILE PSE-A.  
ASSEMBLED FIXING.**





### QUALITIES AND ADVANTAGES

- System for pitched roofs, with parallel assembly to the roof surface.
- Installation on all types of roofs, mounted on adjustable fixing accessories.
- Portrait-type (vertical) and landscape-type (horizontal) panel orientation.
- Fixation of assembly system on adjustable fixing accessories, anchored to the roof or substructure, with a wide range of adjustable fixing accessories available.
- Profile arranged in a continuous format to simplify installation planning.
- Connection between profiles using internal profile and self-drilling screws, without interfering with the fixing of panels.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.



### SYSTEM COMPONENTS

DIN-7504-K A2



GM-A



KFR-SC



KFS-FI



PSE-UN



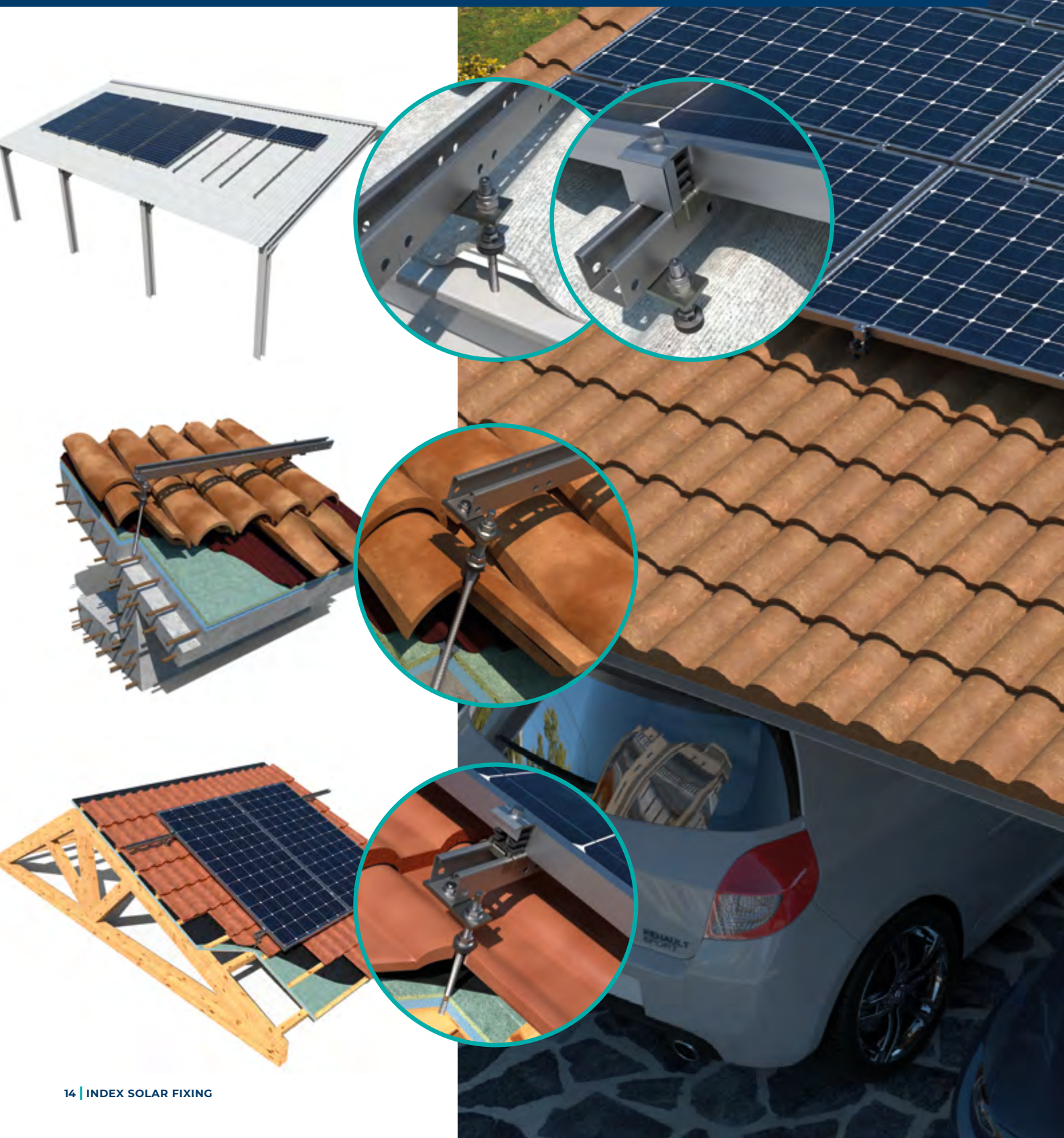
PSE-A





# SC-GPX

**COPLANAR WITH PERFORATED STEEL CHANNEL  
ATLANTIS C4-M INDEXTRUT SOLAR GP-XS.**







### QUALITIES AND ADVANTAGES

- System for pitched roofs, with parallel assembly to the roof surface.
- Installation on all types of roofs, mounted on adjustable fixing accessories or directly fixed.
- Portrait-type (vertical) and landscape-type (horizontal) panel orientation.
- Option of assembled fixing of the system, using adjustable fixing accessories, anchored to the roof or to the substructure, with a wide range of adjustable fixing accessories available.
- Option of direct fixing of the system, using thin sheet screw, in installations on metal roofs.
- Guide arranged in a continuous format to simplify installation planning.
- Longitudinal connection between guides using an internal joint and DIN603 screws for quick assembly, without interfering with the fixing of panels.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.

### COMPONENTS

DIN-6923 A2



DIN-603 A2



GM-A



KFR-SC



EMP-XS



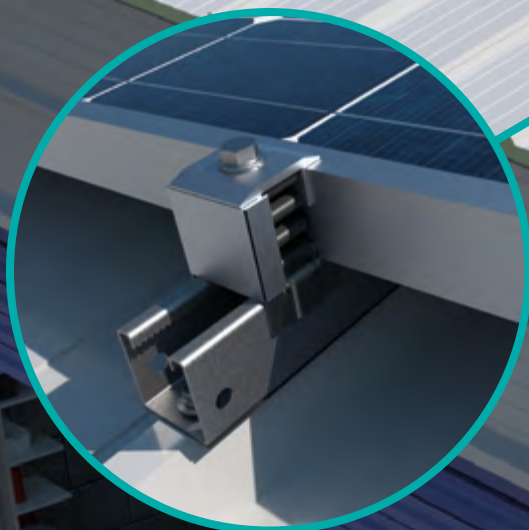
GP-XS





# SC-GPD

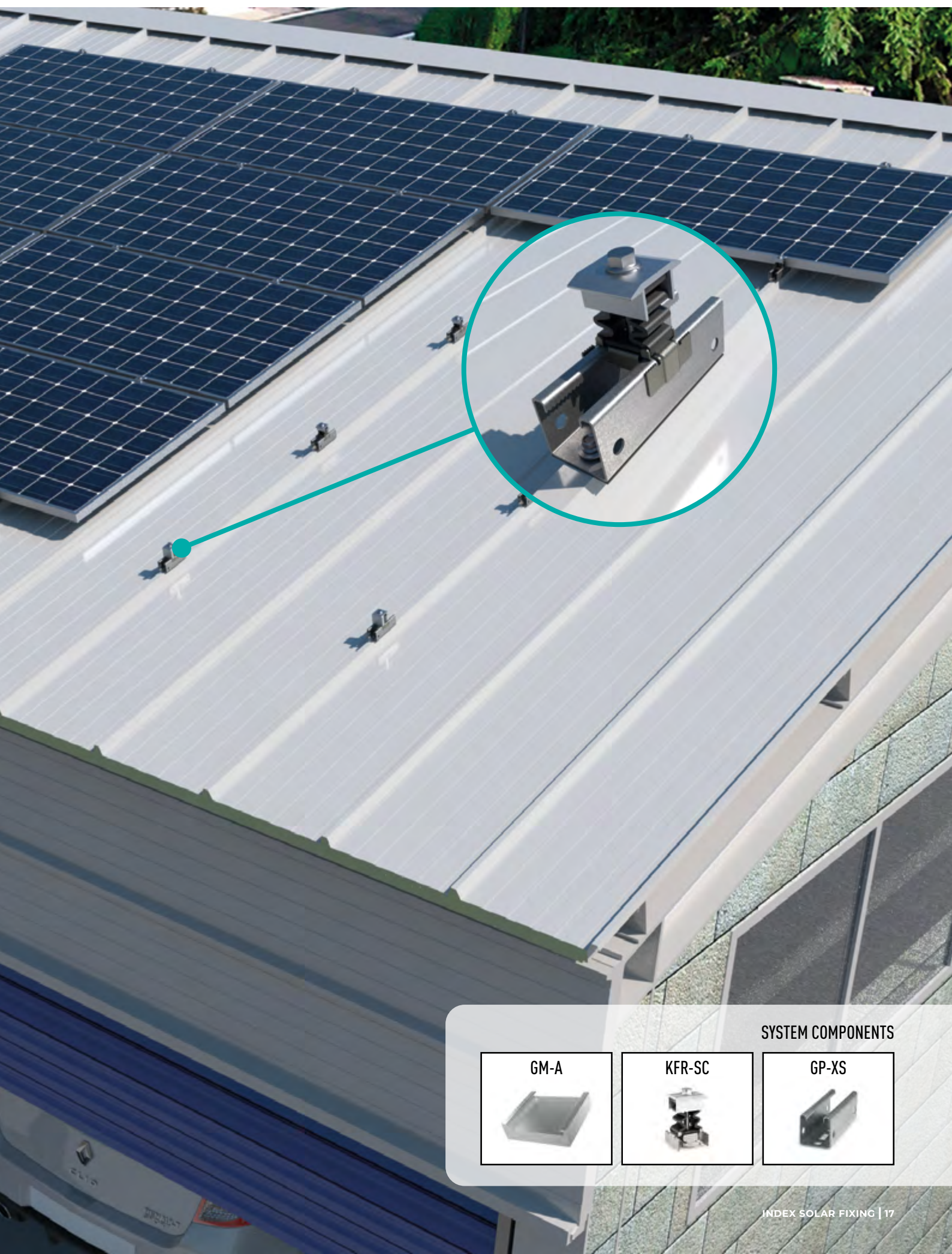
**COPLANAR WITH PERFORATED STEEL CHANNEL  
ATLANTIS C4-M. DISCONTINUOUS CHANNEL FORMAT.**



## QUALITIES AND ADVANTAGES

- System for pitched roofs, with parallel assembly to the roof surface.
- Installation on metal roofs, on a raised trapezoidal area.
- Landscape-type panel orientation (horizontal).
- Direct fixing of the system on the roof itself, highly efficient and quick to install.
- Profile arranged in a discontinuous format to reduce to a minimum the profile metres consumed.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.





SYSTEM COMPONENTS

GM-A



KFR-SC



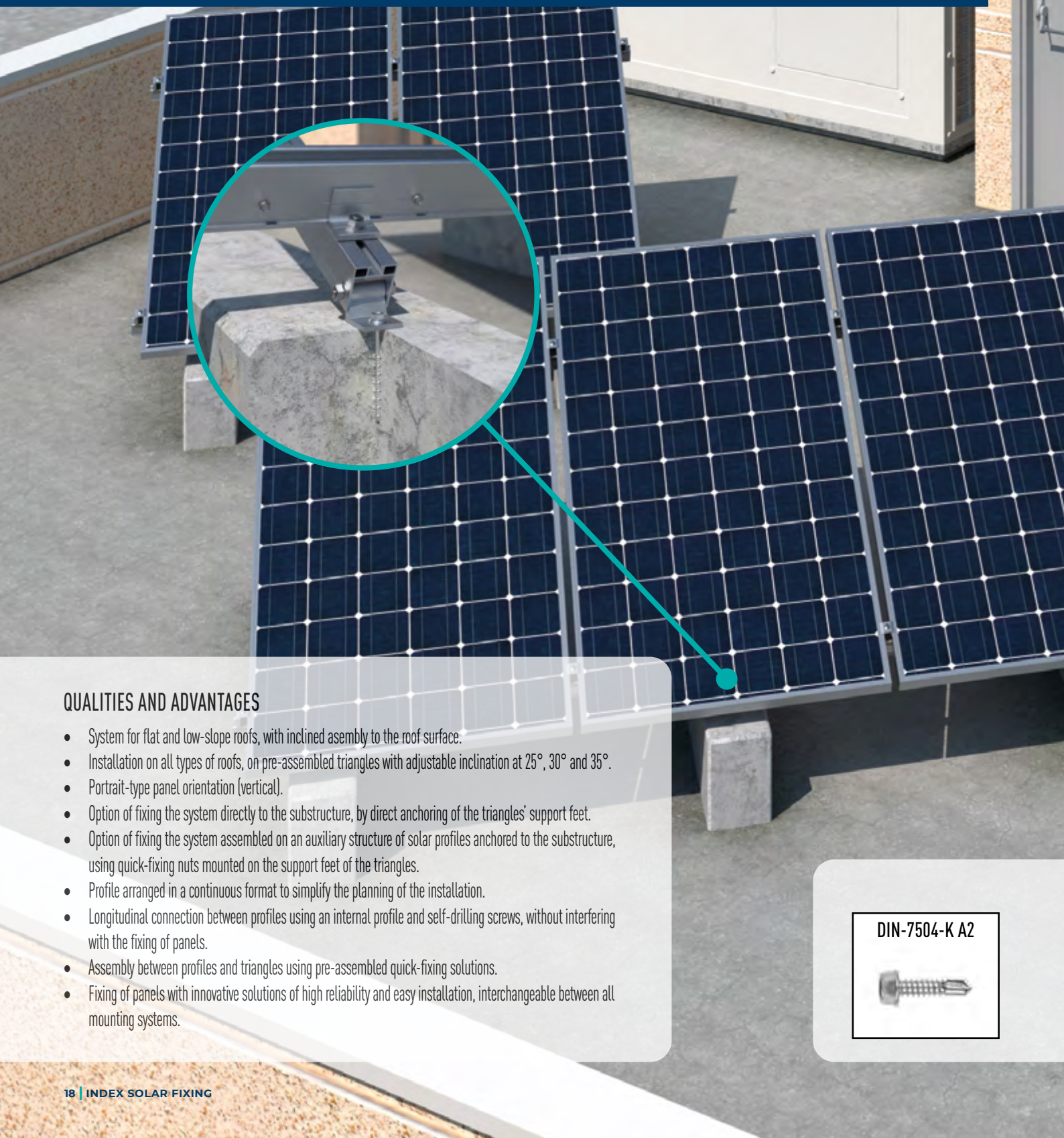
GP-XS





# ST-PSE

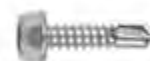
**TRIANGULAR WITH PSE-A ALUMINIUM PROFILE.  
ASSEMBLED FIXING.**



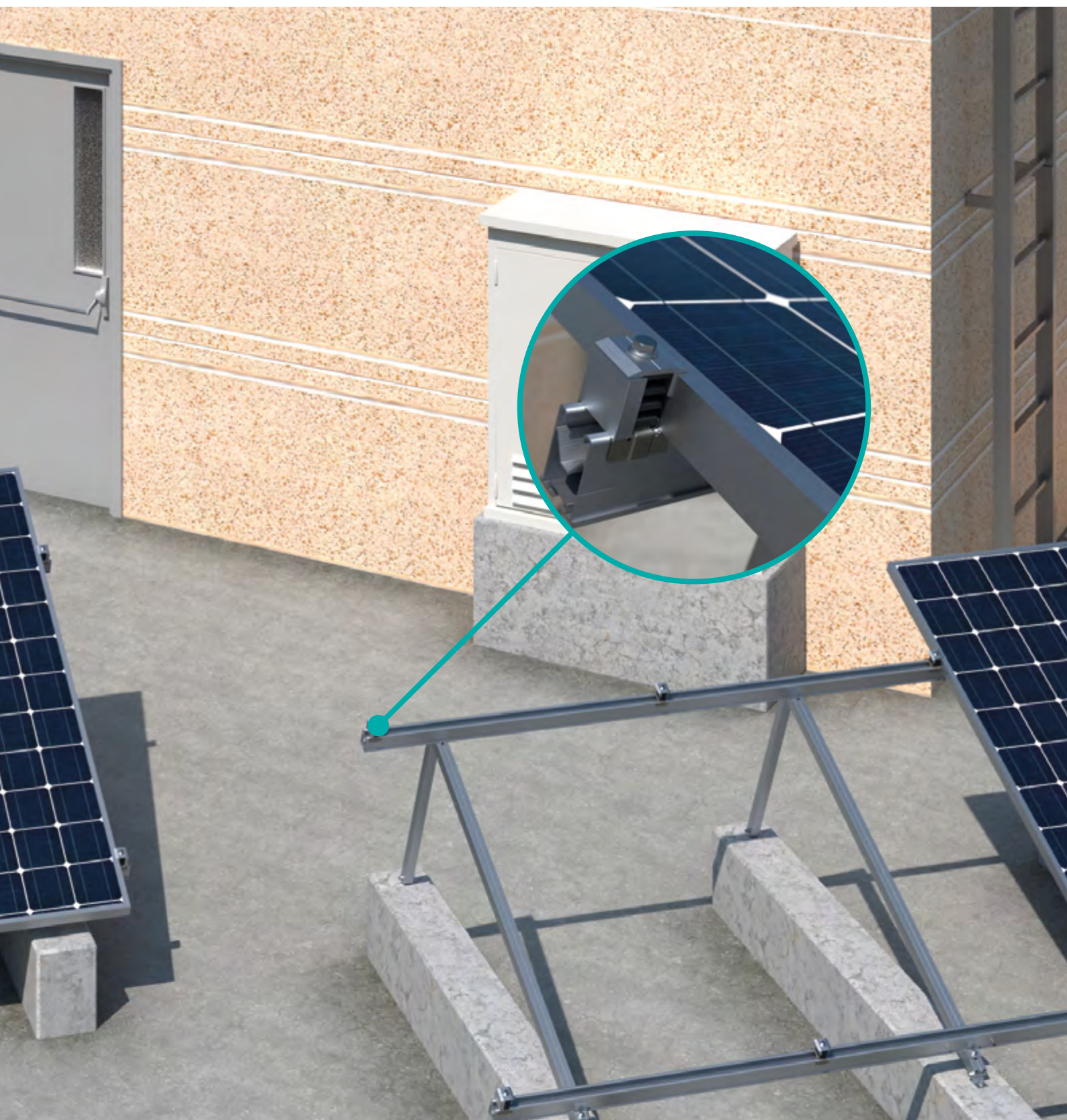
## QUALITIES AND ADVANTAGES

- System for flat and low-slope roofs, with inclined assembly to the roof surface.
- Installation on all types of roofs, on pre-assembled triangles with adjustable inclination at 25°, 30° and 35°.
- Portrait-type panel orientation (vertical).
- Option of fixing the system directly to the substructure, by direct anchoring of the triangles' support feet.
- Option of fixing the system assembled on an auxiliary structure of solar profiles anchored to the substructure, using quick-fixing nuts mounted on the support feet of the triangles.
- Profile arranged in a continuous format to simplify the planning of the installation.
- Longitudinal connection between profiles using an internal profile and self-drilling screws, without interfering with the fixing of panels.
- Assembly between profiles and triangles using pre-assembled quick-fixing solutions.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.

**DIN-7504-K A2**







SYSTEM COMPONENTS

GM-A



KFR-SC



TPA-R



KFS-FL



PSE-UN



PSE-A





# ST-GPX

TRIANGULAR WITH PERFORATED STEEL CHANNEL  
ATLANTIS C4-M INDEXTRUT SOLAR GP-XS.



DIN-6923 A2



DIN-603 A2



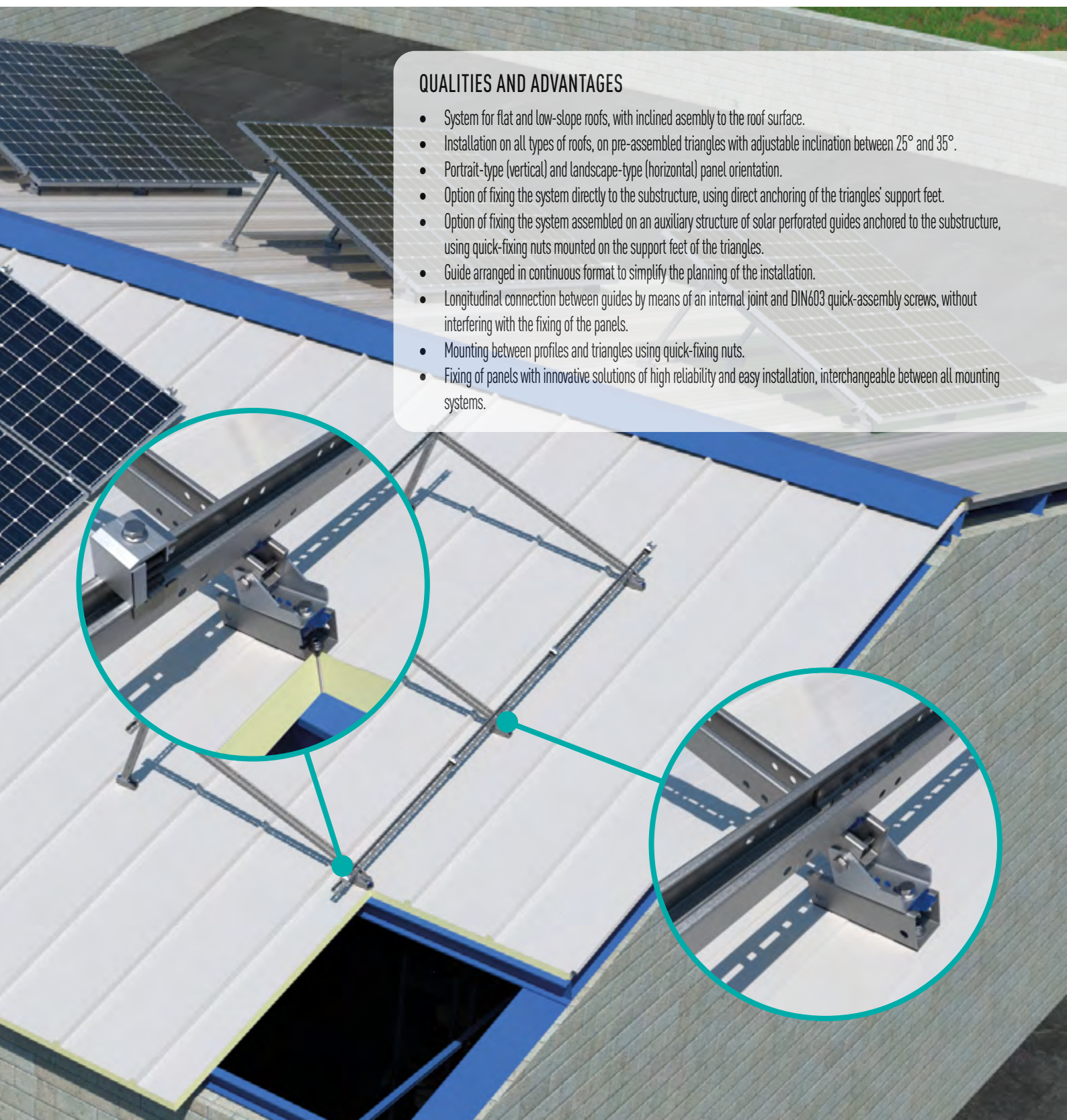
GM-A





## QUALITIES AND ADVANTAGES

- System for flat and low-slope roofs, with inclined assembly to the roof surface.
- Installation on all types of roofs, on pre-assembled triangles with adjustable inclination between 25° and 35°.
- Portrait-type (vertical) and landscape-type (horizontal) panel orientation.
- Option of fixing the system directly to the substructure, using direct anchoring of the triangles' support feet.
- Option of fixing the system assembled on an auxiliary structure of solar perforated guides anchored to the substructure, using quick-fixing nuts mounted on the support feet of the triangles.
- Guide arranged in continuous format to simplify the planning of the installation.
- Longitudinal connection between guides by means of an internal joint and DIN603 quick-assembly screws, without interfering with the fixing of the panels.
- Mounting between profiles and triangles using quick-fixing nuts.
- Fixing of panels with innovative solutions of high reliability and easy installation, interchangeable between all mounting systems.



## SYSTEM COMPONENTS

KFR-SC



DIN-6921 A2



TU-RX A2



TRP-XS



EMP-XS



GP-XS





**Clamps for photovoltaic modules assembly**

<b>KFR-SC</b>		Quick pre-assembled clamp	24
<b>PGS-A</b>		Simple clamp	24
<b>GM-A</b>		Aluminium gauge for solar frame	24





**Profiles, joints, channels and connectors for supporting structure**

<b>GP-XS</b>		INDEXTRUT solar perforated guide. Atlantis C4-M	25
<b>EMP-XS</b>		INDEXTRUT solar connector. Atlantis C4-M	25
<b>PSA-A</b>		Winged aluminum profile	25
<b>PSA-UN</b>		Winged aluminum profile connector	25
<b>PSE-A</b>		Aluminium profile for assembled fixing	25
<b>PSE-UN</b>		Connector for aluminium profile for assembled fixing	25

**Connectors + Accessories for the solar structures assembly**








<b>KFS-FI</b>		Cross connector for bottom fixing	26
<b>KFS-FL</b>		Cross connector for lateral fixing	26
<b>TU-RX A2</b>		INDEXTRUT quick nut. Stainless steel A2	26
<b>DIN-603 A2</b>		Screw DIN-603. Round head screw with square neck. Stainless steel A2	26
<b>DIN-6921 A2</b>		Screw DIN-6921. Hexagonal flanged bolt with serration. Stainless steel A2	26
<b>DIN-6923 A2</b>		DIN-6923 Hexagonal flange nut with serration. Stainless steel A2	26
<b>DIN-127 A2</b>		Grower spring washer DIN-127. Stainless steel A2	26

**Triangular structures for the solar panels installation**




<b>TPA-R</b>		Pre-assembled and adjustable aluminium triangle	27
<b>TPA-P</b>		Strut profile for pre-assembled aluminium triangle	27
<b>TRP-XS</b>		Pre-assembled and adjustable triangle INDEXTRUT. Steel with Atlantis C4-M coating	27
<b>NU-XS</b>		Articulated joint INDEXTRUT. Steel with Atlantis C4-M coating	27



## Adjustable accessories for solar panels installation

<b>GS-TC</b>		Adjustable roof hook for curved roof tile. Stainless steel A2	28
<b>GS-TU</b>		Adjustable roof hook for universal roof tile. Stainless steel A2	28
<b>STR</b>		Adjustable support for trapezoidal roof. Stainless steel A2	28
<b>KFS-MA</b>		Double threaded bolt kit. Stainless steel A2	28
<b>KFS-AU</b>		Self-tapping screw kit. Stainless steel A2	28
<b>KFS-RV</b>		Threaded rod kit for chemical anchor installation. Stainless steel A2	28
<b>PMO</b>		Plate for double threaded screw. Stainless steel A2	28








## Direct fixing accessories for solar panels installation

<b>TAC + ARVUL A2</b>		Atlantis C4-M thin sheet screw + vulcanised EPDM-stainless steel A2 washer	29
<b>TAC BiMETAL+ ARVUL A2</b>		Bi-metal thin sheet screw + vulcanised EPDM-stainless steel A2 washer	29
<b>RE-TE</b>		Watertight trebol rivet + vulcanised EPDM steel washer	29

## Sealing accessories for solar panel installation

<b>ARS-P</b>		Stainless steel A2 umbrella washer + EPDM	29
<b>ARS-S</b>		Washer for double threaded bolt	29
<b>CS-B</b>		Butylene adhesive sealing tape	29

## Kits for solar installations

<b>KC-PSA</b>		Coplanar with winged aluminum profile (PSA-A). Direct fixing	30
<b>KC-PSD</b>		Coplanar with winged aluminum profile (PSA-A). Direct fixing. Discontinuous profile format	30
<b>KC-PSE</b>		Coplanar with aluminium profile PSE-A. Assembled fixing	30
<b>KC-GPX</b>		Coplanar with perforated steel channel Atlantis C4-M INDEXTRUT SOLAR GP-XS	30
<b>KC-GPD</b>		Coplanar with perforated steel channel Atlantis C4-M. Discontinuous channel format	30
<b>KT-PSE</b>		Triangular with PSE-A aluminium profile. Assembled fixing	31
<b>KT-GPX</b>		Triangular with perforated steel channel Atlantis C4-M INDEXTRUT SOLAR GP-XS	31



## ISF-GG

Clamps for photovoltaic modules assembly



### KFR-SC

Quick pre-assembled clamp



CODE	SIZE (mm)			
KFRSC3050	30 - 50	13	10	240

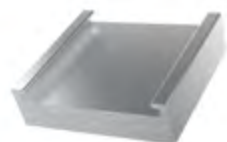


### PGS-A

Simple clamp



CODE	SIZE (mm)		
PGSA26	26	20	720



### GM-A

Aluminium gauge for solar frame



CODE	SIZE (mm)		
GMA035	35	10	120
GMA040	40	10	120

### KFR-SC

Quick pre-assembled clamp



- **Quick-fastening compound clamp valid for all mounting systems.**
- **A single reference** capable of fastening both intermediate and end-of-row plates.
- **Adjustable in height between 30 and 50 mm** to fit the plate frames available on the market.
- **Easy positioning** by pressure and a simple 90° turn by hand, thanks to its EPDM spring which facilitates installation.
- **Increased gripping capacity on the plates and increased profile strength**, thanks to its innovative metal bridge that provides reliability with its serrated lower gripping area and reinforced structure.
- **Robust solution for the fixing of row ends**, thanks to a high-strength upper profile with lower serration that implements solid guided gauges that provide additional safety.
- **Innovative application of electrical shunting** between the solar panel frame and the supporting structure, obtained through the toothed contact areas of the metal bridge.



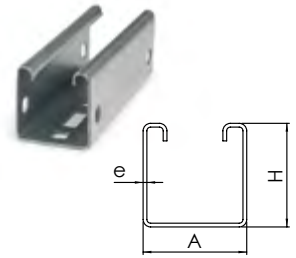
## Profiles, joints, channels and connectors for supporting structure

## ISF-PU

**GP-XS**

INDEXTRUT solar perforated guide. Atlantis C4-M

CODE	A x H x e (mm)	LENGTH (mm)	
GPXS4115012	41 x 41 x 1,5	125	50
GPXS4115162	41 x 41 x 1,5	1.625	10
GPXS4115212	41 x 41 x 1,5	2.125	10
GPXS4115325	41 x 41 x 1,5	3.250	6

**EMP-XS**

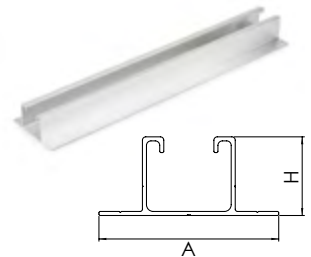
INDEXTRUT solar connector. Atlantis C4-M

CODE	VALID FOR GUIDE GP-XS	LENGTH (mm)	
EMPXS4115	41 x 41 x 1,5	120	40

**PSA-A**

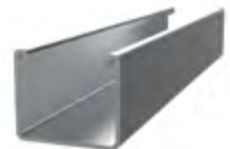
Winged aluminum profile

CODE	A x H (mm)	LENGTH (mm)	
PSAA0400	80 x 35	400	20
PSAA2125	80 x 35	2.125	2
PSAA3150	80 x 35	3.150	2

**PSA-UN**

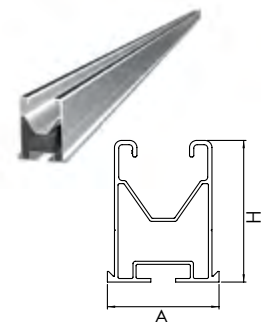
Winged aluminum profile connector

CODE	LENGTH (mm)	VALID FOR PROFILE	
PSAUN200	200	PSA-A	10

**PSE-A**

Aluminium profile for assembled fixing

CODE	A x H (mm)	LENGTH (mm)	
PSEA601575	47 x 60	1.575	2
PSEA602125	47 x 60	2.125	2
PSEA603150	47 x 60	3.150	2

**PSE-UN**

Connector for aluminium profile for assembled fixing

CODE	SIZE (mm)	VALID FOR PROFILE	
PSEUN060200	60 x 200	PSE-A	10





## ISF-CC

Connectors + Accessories for the solar structures assembly



### KFS-FI

Cross connector for bottom fixing



CODE	SIZE		
KFSFIM08	M8	100	-



### KFS-FL

Cross connector for lateral fixing



CODE	SIZE		
KFSFLM08	M8	10	80



### TU-RX A2

INDEXTRUT quick nut. Stainless steel A2



CODE	SIZE		
TURXA208	M8	50	-



### DIN-603 A2

Screw DIN-603. Round head screw with square neck. Stainless steel A2



CODE	SIZE		
D603I08016	M8 x 16	200	2.400



### DIN-6921 A2

Screw DIN-6921. Hexagonal flanged bolt with serration. Stainless steel A2



CODE	SIZE		
6921I08020	M8 x 20	200	
6921I08050	M8 x 50	100	
6921I08070	M8 x 70	100	



### DIN-6923 A2

DIN-6923 Hexagonal flange nut with serration. Stainless steel A2



CODE	SIZE		
D6923IM08	M8	250	
D6923IM10	M10	250	
D6923IM12	M12	250	



### DIN-127 A2

Grower spring washer DIN-127. Stainless steel A2



CODE	SIZE		
D127IM08	M8	200	9.000
D127IM10	M10	100	4.500
D127IM12	M12	100	4.500



## Triangular structures for the solar panels installation

ISF-TR

**TPA-R**

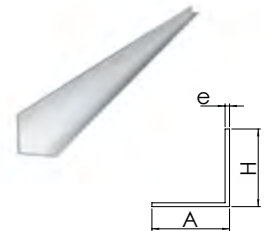
Pre-assembled and adjustable aluminium triangle

CODE	LENGTH (mm)	INCLINATION	VALID FOR GUIDE	
TPAR251500	1.500	25° / 30° / 35°	PSE-A	4

**TPA-P**

Strut profile for pre-assembled aluminium triangle

CODE	A x H (mm)	LENGTH (mm)	e (mm)	
TPAP352000	35 x 35	2.000	2	10

**TRP-XS**

Pre-assembled and adjustable triangle INDEXTRUT. Steel with Atlantis C4-M coating

CODE	LENGTH (mm)	INCLINATION	VALID FOR GUIDE	
TRPXS412515	1.500	25° - 35°	GP-XS	4

**NU-XS**

Articulated joint INDEXTRUT. Steel with Atlantis C4-M coating

CODE	METRIC	VALID FOR GUIDE		
NUXSM0841	M8	GP-XS	10	100



## Qualities and advantages

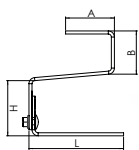
**TPA-R & TRP-XS | Adjustable triangular structures**

- Pre-assembled structures for quick installation.
- Available in two versions to suit every need:
  - Aluminium (TPA-R)
  - Atlantis C4-M steel (TRP-XS)
- Allows installations with adjustable inclinations between 25° and 35°.
- Screws included in A2-70 stainless steel.
- Suitable for panel dimensions up to 72 cells (approx. 1.000 x 2.000 mm).



## ISF-FR


Adjustable accessories for solar panels installation

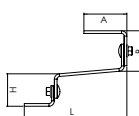


### GS-TC

Adjustable roof hook for curved roof tile. Stainless steel A2



CODE	ADJUSTABLE MEASUREMENT (H) (mm)	A (mm)	B (mm)	L (mm)	
GSTC040080	40 - 80	80	70	155	20
GSTC080120	80 - 120	80	70	155	20

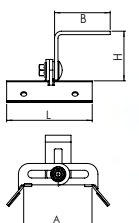


### GS-TU

Adjustable roof hook for universal roof tile. Stainless steel A2



CODE	ADJUSTABLE MEASUREMENT (H) (mm)	A (mm)	B (mm)	L (mm)	
GSTU040055	40 - 55	80	50 - 80	191	20



### STR

Adjustable support for trapezoidal roof. Stainless steel A2





CODE	ADJUSTABLE MEASUREMENT WIDTH (A) (mm)	ADJUSTABLE MEASUREMENT HEIGHT (H) (mm)	B (mm)	L (mm)	
STR1680	16 - 80	35 - 60	65	100	40

### KFS-MA

Double threaded bolt kit. Stainless steel A2





CODE	SIZE (mm)		
KFSMA10200	10 x 200	25	150
KFSMA10250	10 x 250	25	150

### KFS-AU

Self-tapping screw kit. Stainless steel A2





CODE	SIZE (mm)		
KFSAU10160	10 x 160	25	-
KFSAU10200	10 x 200	25	-

### KFS-RV

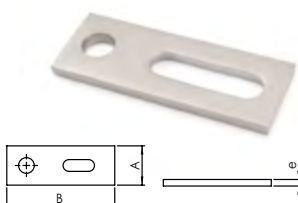
Threaded rod kit for chemical anchor installation. Stainless steel A2





CODE	SIZE (mm)		
KFSRV10250	10 x 250	25	150
KFSRV12350	12 x 350	25	75

### PMO

Plate for double threaded screw. Stainless steel A2



CODE	VALID FOR	A (mm)	B (mm)	e (mm)		
PM01012	M10 - M12	30	82,5	5	25	300



## Direct fixing accessories for solar panels installation

ISF-FD

**TAC + ARVUL A2**

Atlantis C4-M thin sheet screw + vulcanised EPDM-stainless steel A2 washer

CODE	SIZE		
TACN165525	5.5 x 25 P16	500	2.000

**TAC BIMETAL + ARVUL A2**

Bi-metal thin sheet screw + vulcanised EPDM-stainless steel A2 washer

CODE	SIZE		
TACB166025	6 x 25 P16	500	2.000

**RE-TE**

Watertight trebol rivet + vulcanised EPDM steel washer

CODE	SIZE		
RETE5220	5,2 x 20	250	3.000



## Sealing accessories for solar panel installation

ISF-ES

**ARS-P**

Stainless steel A2 umbrella washer + EPDM

CODE	VALID FOR		
ARSP08	M8	100	1.200
ARSP10	M10	100	1.200

**ARS-S**

Washer for double threaded bolt

CODE	VALID FOR		
ARSS10	M10	100	600
ARSS12	M12	100	600

**CS-B**

Butylene adhesive sealing tape

CODE	WIDTH (mm)	THICKNESS (mm)	LENGTH (meters)		
CSB0104010	40	1	10	1	27
CSB0108010	80	1	10	1	18



## ISF-KT

Kits for solar installations

### KC-PSA

Coplanar with winged aluminum profile (PSA-A). Direct fixing



CODE	N° MODULES	PLATE HEIGHT (mm)	
KCPSA0235	2	35	1
KCPSA0240	2	40	1
KCPSA0335	3	35	1
KCPSA0340	3	40	1



### KC-PSD

Coplanar with winged aluminum profile (PSA-A). Direct fixing. Discontinuous profile format



CODE	N° MODULES	PLATE HEIGHT (mm)	
KCPSD0100	1	30 - 50	1
KCPSD0135	1	35	1
KCPSD0140	1	40	1



### KC-PSE

Coplanar with aluminium profile PSE-A. Assembled fixing



CODE	N° MODULES	PLATE HEIGHT (mm)	
KCPSE0235	2	35	1
KCPSE0240	2	40	1
KCPSE0335	3	35	1
KCPSE0340	3	40	1



### KC-GPX

Coplanar with perforated steel channel Atlantis C4-M INDEXTRUT SOLAR GP-XS



CODE	N° MODULES	PLATE HEIGHT (mm)	
KCGPX0235	2	35	1
KCGPX0240	2	40	1
KCGPX0335	3	35	1
KCGPX0340	3	40	1



### KC-GPD

Coplanar with perforated steel channel Atlantis C4-M. Discontinuous channel format



CODE	N° MODULES	PLATE HEIGHT (mm)	
KCGPD0100	1	30 - 50	1
KCGPD0135	1	35	1
KCGPD0140	1	40	1






## Kits for solar installations

## ISF-KT

**KT-PSE**

Triangular with PSE-A aluminium profile. Assembled fixing




CODE	N° MODULES	PLATE HEIGHT (mm)	INCLINATION	
KTPSE0235	2	35	25° / 30° / 35°	1
KTPSE0240	2	40	25° / 30° / 35°	1
K TPSE0335	3	35	25° / 30° / 35°	1
KTPSE0340	3	40	25° / 30° / 35°	1

**KT-GPX**

Triangular with perforated steel channel Atlantis C4-M INDEXTRUT SOLAR GP-XS



CODE	N° MODULES	PLATE HEIGHT (mm)	INCLINATION	
KTGPX0235	2	35	25° - 35°	1
KTGPX0240	2	40	25° - 35°	1
KTGPX0335	3	35	25° - 35°	1
KTGPX0340	3	40	25° - 35°	1



## METAL FIXINGS

### MTP-G



Through bolt anchor for heavy loads in cracked & uncracked concrete. Opt.1 ETA Assessed. ATLANTIS C3-L shaft. A4 Stainless steel clip

### MTH-A4



Through bolt anchor for heavy loads in uncracked concrete. Opt.7 ETA Assessed. A4 Stainless steel shaft. A4 Stainless steel clip

### MTH-A2



Through bolt anchor for heavy loads in uncracked concrete. Opt.7 ETA Assessed. A2 Stainless steel shaft. A2 Stainless steel clip

### THE



Self-tapping concrete screwbolt. Hexagon head. ATLANTIS C3-H coating. Opt.1 ETA Assessed

### THA



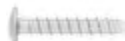
Self-tapping concrete screwbolt. Countersunk head. ATLANTIS C3-H coating. Opt.1 ETA Assessed

### THP



Self-tapping concrete screwbolt. Pan head. ATLANTIS C3-H coating. Opt.1 ETA Assessed

### THT



Self-tapping concrete screwbolt. Truss head. ATLANTIS C3-H coating. Opt.1 ETA Assessed

### HE + ARVUL



Concrete screw, hexagonal head, Hi-Lo thread, diamond point. Screw with vulcanized EPDM-steel washer

### CH-A2



Anti-spin sleeve anchor, for medium loads. A2 Stainless steel. Opt.7 ETA Assessed

### HE-A4



Drop-in anchor with internal thread for heavy loads. A4 Stainless steel. ETA Assessed for non-structural applications

## PLASTIC FIXINGS

### T-NUX A A4



Universal high performance nylon plug. A4 Stainless steel. Countersunk head. ETA Assessed

### T-NUX E A4



Universal high performance nylon plug. A4 Stainless steel. Hexagonal head. ETA Assessed

### T-NUX



Universal high performance nylon plug. Nylon plug

### TC-A2



Polyamide 6.6 Hammerfix plug. Preassembled saw-tooth screw. Countersunk plug and A2 stainless steel screw

### TN4S



4-way expansion plug for all materials. Plug

### TN4S EP



4-way expansion plug for all materials. Plastic container

### TN4S-L




























4-way expansion plug for all materials. Long plug






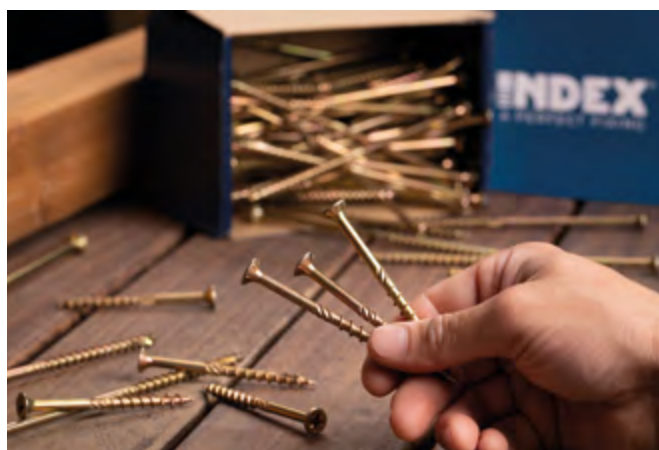
## CHEMICAL FIXINGS

<b>MO-PU</b>		Chemical fixings. Universal polyester. Opt.7 ETA Assessed	<b>MS-PR</b>		Adhesives Hybrid MS Polymer. Adhesive MS Professional
<b>MO-P+</b>		Chemical fixings. Polyester PLUS. Opt.7 ETA Assessed	<b>MS-SF</b>		Adhesives Hybrid MS Polymer. Adhesive MS Superfast High Tack
<b>MO-PS+</b>		Chemical fixings. Polyester PLUS styrene free with Working time indicator. Opt.7 ETA Assessed	<b>SI-PR</b>		Silicones. Professional neutral silicone for smooth and porous materials
<b>MOPISTO</b>		Guns for chemical fixings. Manual gun	<b>SI-PRS</b>		Silicones. Professional neutra SANITARI silicone with fungicidal properties
<b>MOPISPR</b>		Guns for chemical fixings. Professional gun	<b>SE-ACR</b>		Silicones. Acrylic sealant for joints & cracks
<b>MOPISSI</b>		Guns for chemical fixings. Silicone gun	<b>MS-CA</b>		Adhesives Hybrid MS Polymer
<b>MOBOMBA</b>		Accessories for chemical fixings. Blow pump			
<b>MORCANU</b>		Accessories for chemical fixings. Mixer nozzle (300-410 ml)	<b>PU-TP</b>		Polyurethane foam for fixing tiles. For gun application
<b>MORCEPKIT</b>		Accessories for chemical fixings. 3 brushes kit	<b>PU-TC</b>		Polyurethane foam for fixing tiles. For nozzle application
<b>MO-TN</b>		Sleeves & studs for chemical fixings. Plastic Mesh Sleeves	<b>PU-PI</b>		Application guns for polyurethane foams. Professional gun
<b>MO-TM</b>		Sleeves & studs for chemical fixings. Wire Mesh Sleeves	<b>PU-PI 2</b>		Polyurethane foams. Basic gun
<b>EQ-A2</b>		Stud bolt for chemical anchor, with nut and washer. A2 Stainless steel	<b>PU-CA</b>		Nozzle for polyurethane foam application
<b>EQ-A4</b>		Stud bolt for chemical anchor, with nut and washer. A4 Stainless steel	<b>PU-CL</b>		Cleaner for polyurethane foam accessories








## SCREWS

<b>DIN-7504-K A2</b>		Self-drilling screw with hexagonal head. Screw. A2 Stainless steel
<b>ABE BIMETAL</b>		Bimetal, stainless-steel, self-drilling screw with hexagonal head. Screw
<b>ABE BIMETAL + ARVUL</b>		Bimetal, stainless-steel, self-drilling screw with hexagonal head. Screw with vulcanized EPDM-steel washer
<b>AUTO BIMETAL</b>		Bimetal, stainless steel, self-drilling screw for beam with hexagonal head. Screw
<b>AUTO BIMETAL + ARVUL</b>		Bimetal, stainless steel, self-drilling screw for beam with hexagonal head. Screw with vulcanized EPDM-steel washer
<b>PS 3 + ARVUL A2</b>		Self-drilling screw with hexagonal head for sandwich panels. Standard drill point #3 with ATLANTIS C4-M coating and A2 stainless washer
<b>PS 5 + ARVUL A2</b>		Self-drilling screw with hexagonal head for sandwich panels. Standard drill point #5 with ATLANTIS C4-M coating and A2 stainless washer
<b>ARVUL A2</b>		Vulcanized EPDM-steel washer. A2 Stainless steel
<b>ATAP</b>		Nylon cover cap in colours, for hexagonal-head screws.
<b>TP-A2</b>		Countersunk head chipboard screw. A2 Stainless steel. PZ recess
<b>DIN-571 A2</b>		Coach wood screw with hexagonal head. A2 Stainless steel
<b>INV A2</b>		Tamperproof screw with TX recess. A2 Stainless steel
<b>DIN-933 A2</b>		Hexagonal head bolt 8.8. Full thread. A2 Stainless steel
<b>DIN-934 A2</b>		Hexagonal nut. A2 Stainless steel
<b>DIN-985 A2</b>		Nylon insert nut. A2 Stainless steel
<b>DIN-125 A2</b>		Plain washer. A2 Stainless steel
<b>DIN-9021 A2</b>		Wide plain washer. A2 Stainless steel
<b>BOCA</b>		Magnetic hexagonal nut setter
<b>PU-PM</b>		1/4" magnetic bit holder





## CLAMPS

<b>CI-PE A2</b>		Fixing band. Round fixing band. A2 Stainless steel	<b>AB-IN</b>		Simple polypropylene pipe clip with M6 threaded brass insert
<b>BN-N</b>		Nylon cable tie. Black	<b>AB-GU</b>		Closed polypropylene pipe clip with pre-thread M6
<b>TACOBRI N</b>		Nylon cable tie. White	<b>AB-MUG</b>		Multiuse pipe clamp
<b>BN-B</b>		Cable tie plug. Black	<b>AB-PR</b>		Duty pipe clamp with pre-thread M6
<b>TACOBRI B</b>		Cable tie plug. White	<b>FI-CA AB</b>		Cable clamp. Clamp
<b>BN-GR</b>		Nylon cable tie. Colours: Gray	<b>FI-CA PS</b>		Cable clamp. Single clamp
<b>TACOBRI G</b>		Cable tie plug. Gray	<b>FI-CA PD</b>		Cable clamp. Double clamp
<b>BN-ID</b>		Nylon cable tie for identification	<b>FI-CA CL</b>		Cable clamp. Clip
<b>BN-PL</b>		Identification plaque for nylon cable ties up to 4,8 mm.	<b>RV-A2</b>		Threaded rod. A2 Stainless steel. 1 meter
<b>BN-BA</b>		Two-way, adhesive base for nylon cable ties	<b>MA-RI</b>		Coupling nut. Round. A2 Stainless steel



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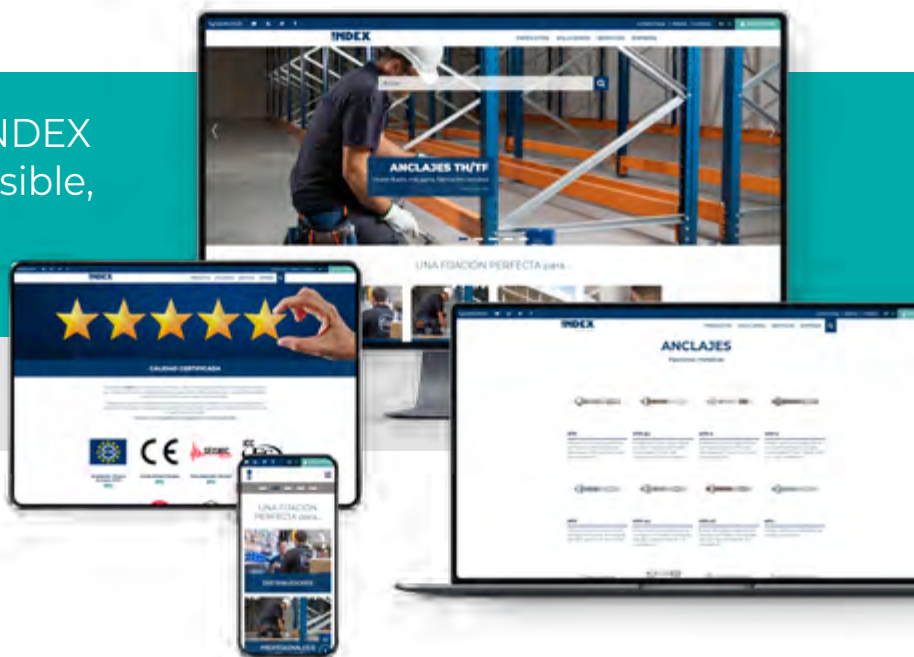
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## NOTES



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