GS-PI

PRODUCT DESCRIPTION

Roof hook for slated tiles

CHARACTERISTICS

- Special design for slate tiles.
- Pre-assembled product
- Includes AISI-304 brackets
- For outside use.
- For slated tiles.
- Includes groove to facilitate adjustment.
- Includes eight drilled holes
- Set up for mounting on the higher part of the tiling.
- Avoids the need to drill through tiling

APPLICATIONS / MOUNTING ACCESSORIES

GSPI090115

PSE-A

KFSFIM08

Used in **coplanar aluminium installation systems** to attach the systems to tiled roof sub-structures. When mounting the **PSE-A** "aluminium profile for assembled fixing", a **KFSFIM08** "cross connector for bottom fixing" is used on each roof hook.

GP-XS

D603I08016 + D6923IM08

Used in **coplanar Atlantis steel systems** to attach the systems to tiled roof sub-structures. When mounting **GP-XS** "INDEXTRUT solar perforated guide", one **D603I08016** "16 mm DIN-603 M8 bolt" and one **D6923IM08** "DIN-6923 M8 nut", both in A2-70 stainless steel, are used on each roof hook.

GSPI045065

PSE-C

KFSFIM08

Used in **coplanar aluminium installation systems** to attach the systems to tiled roof sub-structures. When mounting the **PSE-C** "aluminium profile for assembled fixing", a **KFSFIM08** "cross connector for bottom fixing" is used on each roof hook.

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ROOF/SUB-STRUCTURE/FIXING

| ROOF	SUB-STRUCTURE BASE MATERIAL	FIXING			
SLATE	WOOD		**TP A2** Countersunk head chipboard screw, A2 Stainless steel		**TN4S** 4-way expansion nylon plug
	CONCRETE		**DIN-571 A2** Coach wood screw with hexagonal head, A2 Stainless steel		
	HOLLOW CONCRETE		**EQ-A2** Stud bolt for chemical anchor. A2 Stainless steel	**HE + ARVUL** Screw for direct fixing. Screw with vulcanized EPDM-steel washer.	**CHEMICAL ANCHOR** **MO-TL** Long cut-out sieve
	HOLLOW BRICK				

APPLICATION EXAMPLES
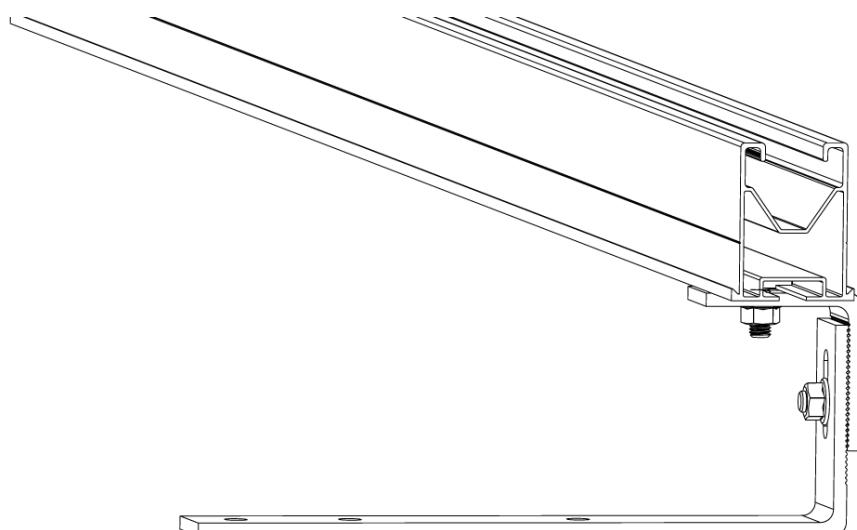
Application example 1: Mounting of the PSE-A profile
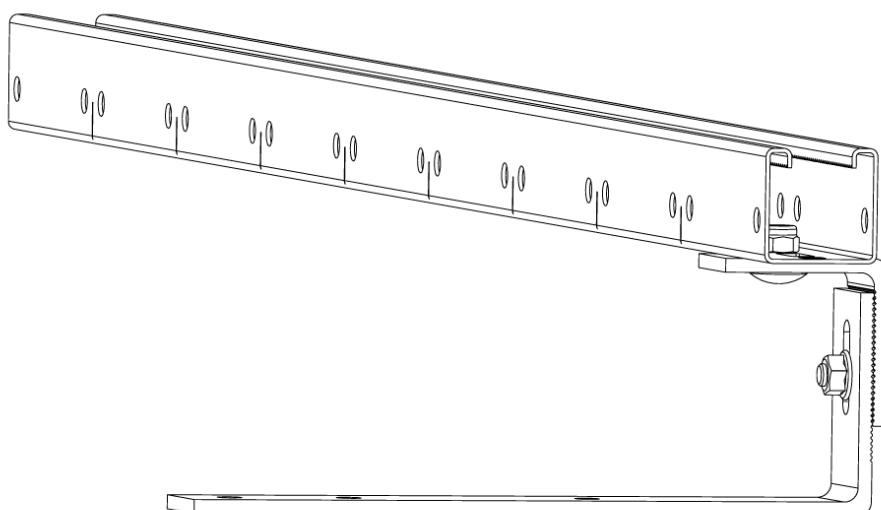
Application example 2: Mounting of the GP-XS guide
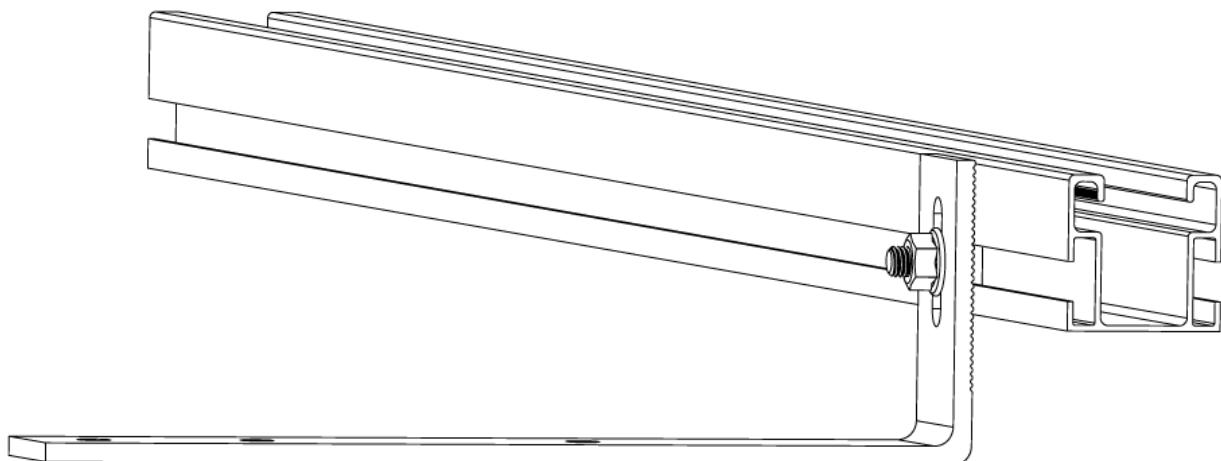
Application example 3: Mounting of the PSE-C profile

1.RANGE

ITEM	CODE	PHOTO	DESCRIPTION	ADJUSTABLE HEIGHT	MATERIAL
1	GSPI040065		Roof hook for slated tiles and PSE-C profile	40-65 mm	A2 INOX AISI 304 C4 / AISI-304
2	GSPI090115		Roof hook for slated tiles for PSE-A and GP-XS profile	90-115mm	A2 INOX AISI 304 C4 / AISI-304

2.INSTALLATION INFORMATION

2.1 GS-PI	Roof hook for slated tiles

	Material	Compatible	Mounting accessories	Roof
	A2 INOX AISI 304 C4 — AISI-304	**PSE-A** Aluminium profile for assembled fixing	**KFSFIM08** Cross connector kit for bottom fixing	**Slate**
		PSE-C Aluminium profile for lateral assembled fixing	**KFSFIM08** Cross connector kit for bottom fixing	
		GP-XS INDEXTRUT solar perforated guide	**D603I08016 + D6923IM08** DIN-603 M8x16 + DIN-6923 M8	

| Sub-structure base material		Fixing accessories	
Wood		**TP A2** Countersunk head chipboard screw, A2 Stainless steel	**TN4S** 4-way expansion nylon plug
		DIN-571 A2 Coach wood screw with hexagonal head, A2 Stainless steel	
Concrete	**Hollow concrete** / **Hollow brick** / **Thermo-clay**	**EQ-A2** Stud bolt for chemical anchor. A2 Stainless steel. / **HE+ARVUL** Screw for direct fixing. Screw with vulcanized EPDM-steel washer.	**Chemical anchor** / **MO-TL** Long cut-out sieve

Measurement table (mm)

Code	A	B	C	D	E	F	G	H	I	J	K	L	M	N
GSPI040065	250	80	60	40	5	150	62	18	25	9	15	-	-	-
GSTPI090115	250	80	60	40	5	150	62	18	25	9	15	40	60	48

Drawing

Bracket 1 : Material AISI 304
Finished: Blasting treatment with stainless steel shot S170
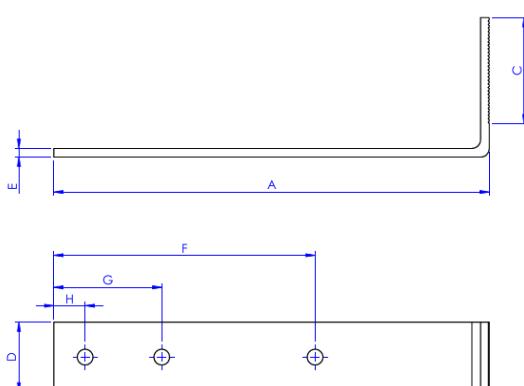
Bracket 2 : Material AISI 304
Finished: Blasting treatment with stainless steel shot S170
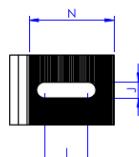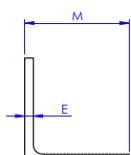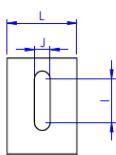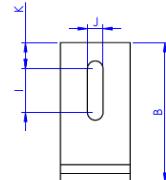
Installation table

	Profile fixing			Compression	Tensile
	Nut	Height adjustment wrench (mm)	Max. Installation tightening torque (Nm)	Design load (kN)	Design load (kN)
GSPI040065	M8	SW13	14	0,8	0,45
GSPI090115	M8	SW13	14	0,6	0,35