

**GS-TC****PRODUCT DESCRIPTION**

Adjustable roof hook for curved roof tile. Stainless steel A2

**CHARACTERISTICS**

- Pre-assembled product.
- Includes AISI-304 brackets.
- Includes one DIN-6923 nut and one DIN-603 M10 bolt in A2-70 stainless steel.
- For outside use.
- For tiled roofs.
- Height-adjustable under tiling
- Two mounting position options.
- 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.
- Special design for curved tiles.

**APPLICATIONS/MOUNTING ACCESSORIES**

PSE-A



KFSFIM08



PSE-C

KFSFIM08 + PMOL +  
D603I08016 + D6923IM08

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



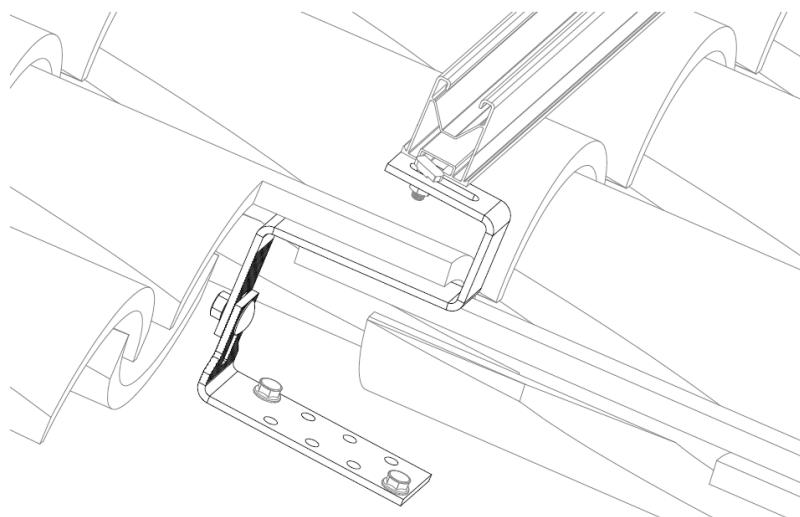
D603I08016 + D6923IM0808

Used in **coplanar aluminium lateral installation systems** to attach the systems to tiled roof sub-structures. When mounting the **PSE-C** "aluminium profile for lateral assembled fixing", a **KFSFIM08** "cross connector for bottom fixing", a **PMOL1012** "Aluminium L-shaped plate for lateral fixing.", 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.

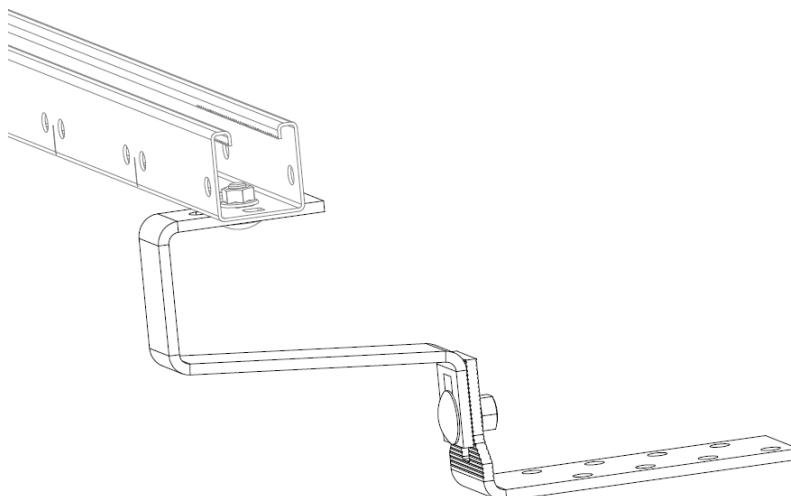
Used in **coplanar Atlantis steel systems** to attach the systems to tiled roof sub-structures. When mounting **GP-XS** "INDEXTRUT solar perforated guide", one **D603I08016** "16 mm DIN-603 M8 bolt" and one **D6923IM08** "DIN-6923 M8 nut", both in A2-70 stainless steel, are used on each roof hook.

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

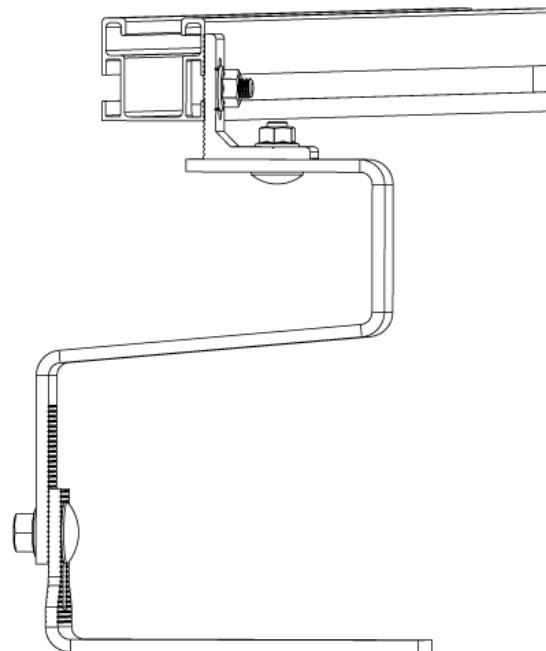
## APPLICATION EXAMPLES



Application example 1: PSE-A profile mounting on curved tile roof



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	<b>GSTC040080</b>		Adjustable roof hook for curved roof tiles. Stainless steel A2	40 - 80 mm	 AISI-304
2	<b>GSTC080120</b>		Adjustable roof hook for curved roof tiles. Stainless steel A2	80 - 120 mm	 AISI-304

## 2. INSTALLATION INFORMATION

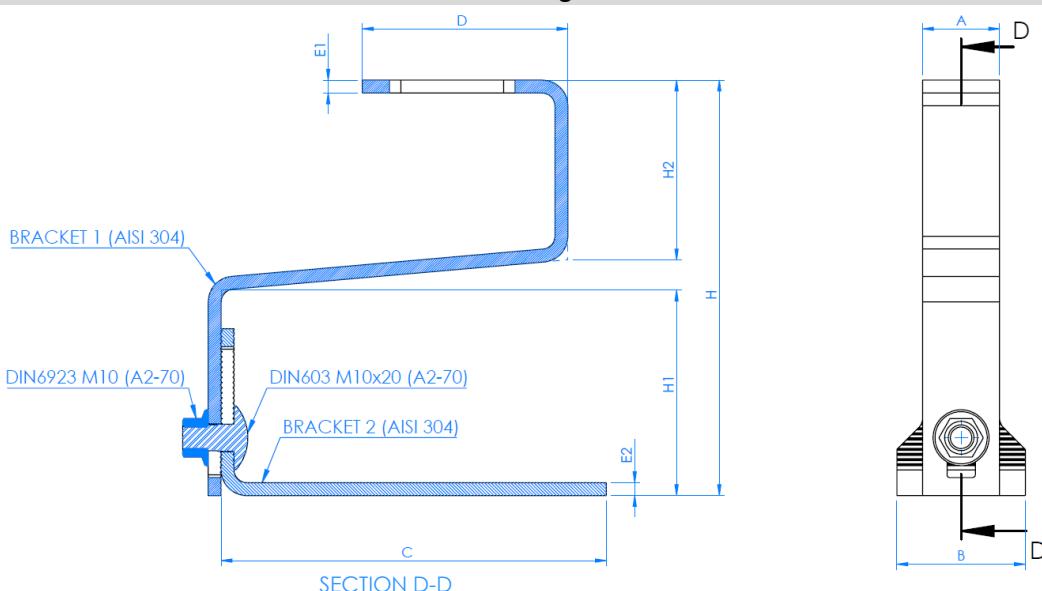
### 2.1 GS-TC

### Adjustable roof hook for curved roof tiles. Stainless steel A2



Material	Compatible	Mounting accessories	Roof						
 AISI-304	 PSE-A Aluminium profile for assembled fixing	 KFSFIM08 Cross connector kit for bottom fixing	 Tile						
	 PSE-C Aluminium profile for lateral assembled fixing	 KFSFIM08 + PMOL + D603I08016 + D6923IM08							
	 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						
 Concrete			 TN4S 4-way expansion nylon plug						
 Hollow concrete			 DIN-571 A2 Coach wood screw with hexagonal head, A2 Stainless steel						
 Hollow brick			 EQ-A2 Stud bolt for chemical anchor. A2 Stainless steel.						
 Thermo-clay			 HE+ARVUL Screw for direct fixing. Screw with vulcanized EPDM-steel washer.						
 Chemical anchor									
 MO-TL Long cut-out sieve									
Measurement table									
Code	H1 (mm)	H2 (mm)	H (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E1 (mm)	E2 (mm)
GSTC040080	40-80	70	122-162	30	50	150	80	5	5
GSTC080120	80-120	70	162-202	30	50	150	80	5	5

#### Drawing



Installation table								
	Height adjustment			Profile fixing			Compression	Tensile
	Nut	Height adjustment wrench (mm)	Max. installation tightening torque (Nm)	Nut	Installation wrench (mm)	Max. installation tightening torque (Nm)	Design load (kN)	Design load (kN)
<b>GSTC040080</b>	M10	SW15	28	M8	SW13	14	0.8	0.45
<b>GSTC080120</b>	M10	SW15	28	M8	SW13	14	0.6	0.35