

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

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.



PSE-C



KFSFIM08 + PMOL + D603I08016 + D6923IM08



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.



GP-XS

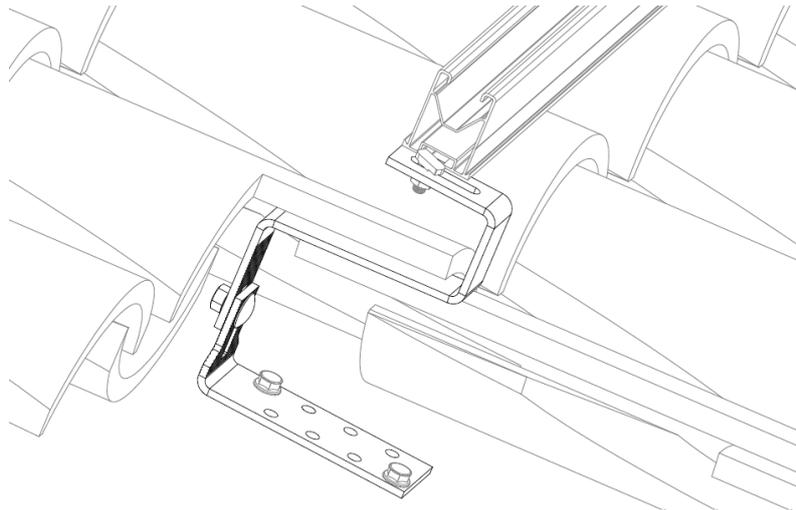


D603I08016 + D6923IM0808

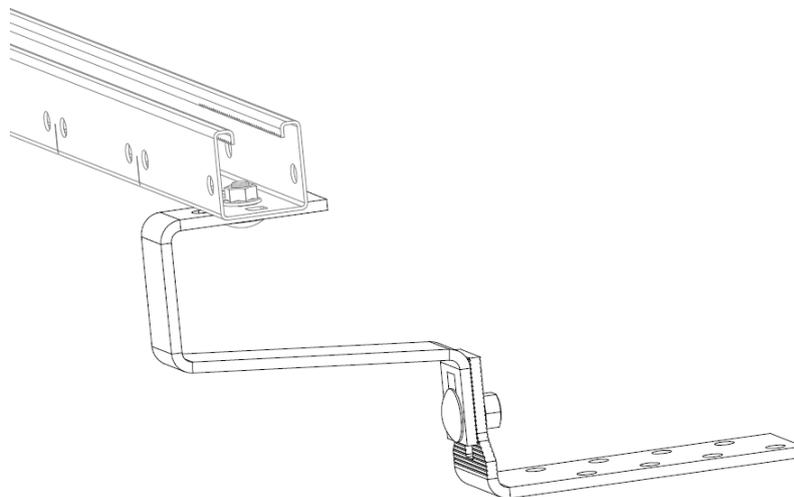
Used in **coplanar Atlantis steel systems** to attach the systems to tiled roof sub-structures. When mounting **GP-XS** "INDEXTTRUT solar perforated guide", one **D603I08016** "16 mm DIN-603 M8 bolt" and one **D6923IM08** "DIN-6923 M8 nut", both in A2-70 stainless steel, are used on each roof hook.

ROOF/SUB-STRUCTURE/FIXING							
ROOF	 TILE	SUB-STRUCTURE BASE MATERIAL	 WOOD	FIXING	 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
			 HOLLOW BRICK				 MO-TL Long cut-out sieve

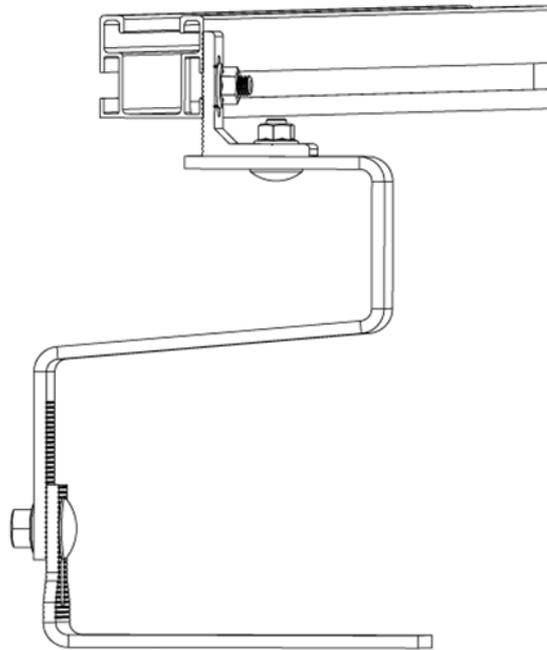
APPLICATION EXAMPLES



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

2. INSTALLATION INFORMATION

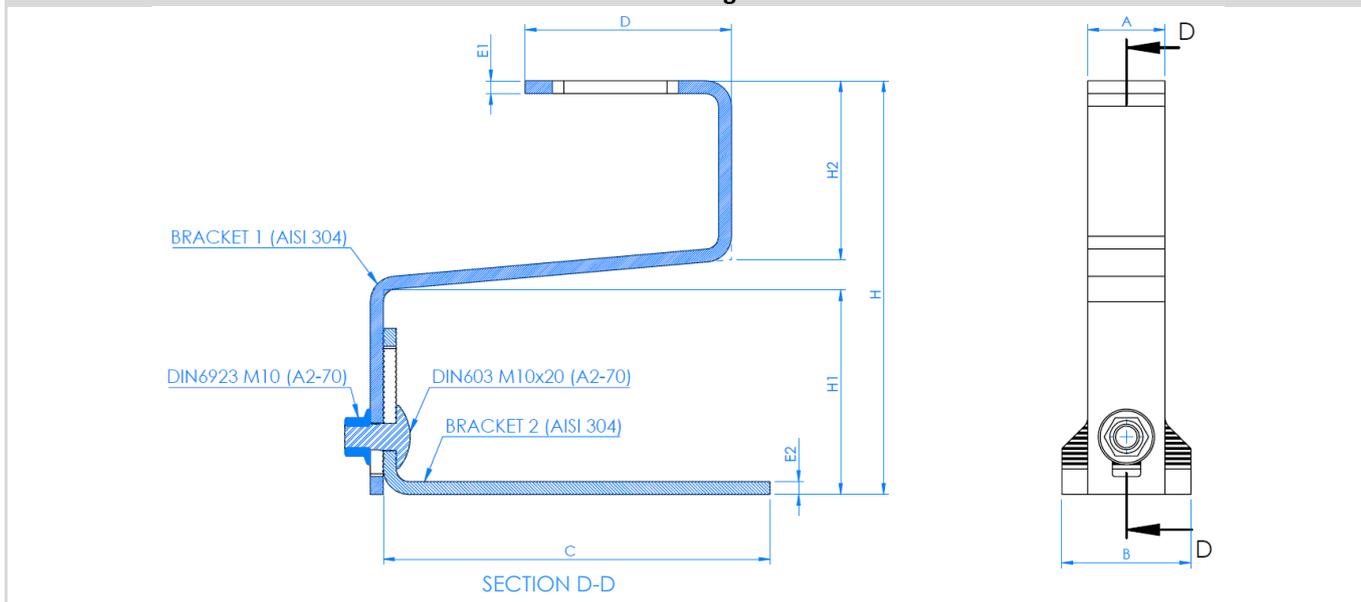
2.1 GS-TC Adjustable roof hook for curved roof tiles. Stainless steel A2

	Material	Compatible	Mounting accessories	Roof		
	<p>AISI-304</p>	<p>PSE-A Aluminium profile for assembled fixing</p>	<p>KFSFIM08 Cross connector kit for bottom fixing</p>	<p>Tile</p>		
		<p>PSE-C Aluminium profile for lateral assembled fixing</p>	<p>KFSFIM08 + PMOL + D603I08016 + D6923IM08</p>			
		<p>GP-XS INDETRUT solar perforated guide</p>	<p>D603I08016 + D6923IM08 DIN-603 M8x16 + DIN-6923 M8</p>			
Sub-structure base material		Fixing accessories				
<p>Wood</p>		<p>TP A2 Countersunk head chipboard screw, A2 Stainless steel</p>	<p>TN4S 4-way expansion nylon plug</p>			
		<p>DIN-571 A2 Coach wood screw with hexagonal head, A2 Stainless steel</p>				
<p>Concrete</p>	<p>Hollow concrete</p>	<p>Hollow brick</p>	<p>Thermo-clay</p>	<p>EQ-A2 Stud bolt for chemical anchor, A2 Stainless steel.</p>	<p>HE+ARVUL Screw for direct fixing. Screw with vulcanized EPDM-steel washer.</p>	<p>Chemical anchor</p>
				<p>MO-TL Long cut-out sieve</p>		

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 (N/m)	Nut	Installation wrench (mm)	Max. installation tightening torque (N/m)	Design load (kN)	Design load (kN)
GSTC040080	M10	SW15	28	M8	SW13	14	0.8	0.45
GSTC080120	M10	SW15	28	M8	SW13	14	0.6	0.35