

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.












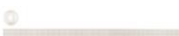


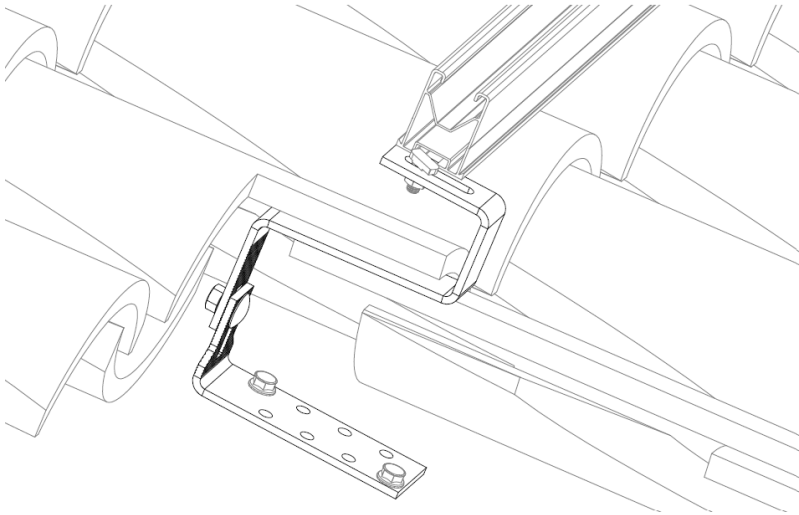
GP-XS



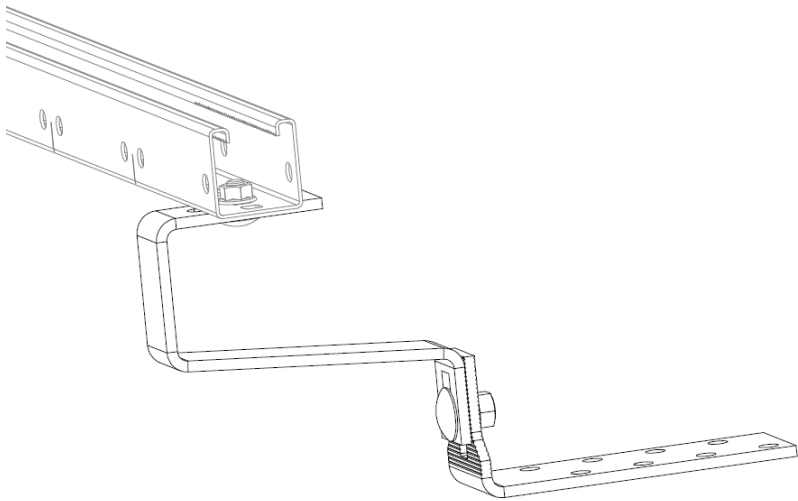
D603I08016 + D6923IM0808

Used in **coplanar Atlantis steel systems** to attach the systems to tiled roof sub-structures. When mounting **GP-XS** "INDEXTUT 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.

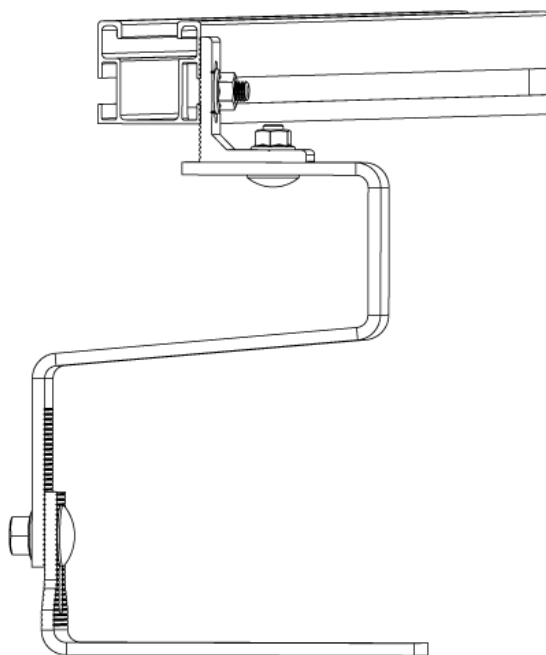
| ROOF/SUB-STRUCTURE/FIXING | | | | | | |
|---|---|---|---|--------|--|---|
| ROOF |  | SUB-STRUCTURE BASE MATERIAL |  | FIXING |  |  |
| | | | WOOD | | TP A2 | TN4S |
| | | |  | | Countersunk head chipboard screw, A2 Stainless steel | 4-way expansion nylon plug |
| | | | CONCRETE | |  | |
| | | |  | | Coach wood screw with hexagonal head, A2 Stainless steel | |
| HOLLOW CONCRETE |  |  | | | | |
|  |  |  | | | | |
| HOLLOW BRICK | EQ-A2 | HE + ARVUL | MO-TL | | | |
| | Stud bolt for chemical anchor. A2 Stainless steel. | 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






















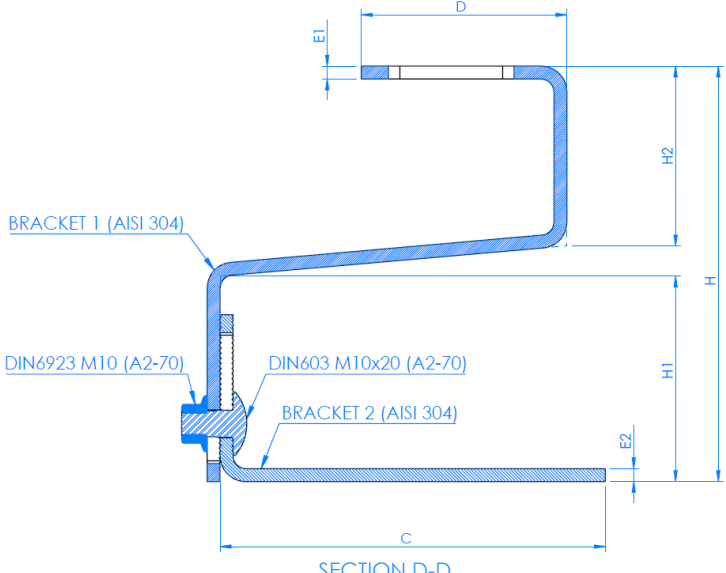
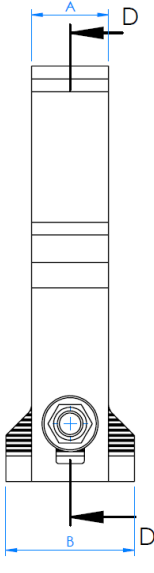
1. RANGE

| ITEM | CODE | PHOTO | DESCRIPTION | ADJUSTABLE HEIGHT | MATERIAL |
|------|------------|-------|--|-------------------|--------------|
| 1 | 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 | | | | | |
|--|--|---|---|---|---|--|--------|---------|---------|
| |  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 |  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 | | | | | | | | | |
| 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) |
| GSTC040080 | M10 | SW15 | 28 | M8 | SW13 | 14 | 0.8 | 0.45 |
| GSTC080120 | M10 | SW15 | 28 | M8 | SW13 | 14 | 0.6 | 0.35 |