Joint brackets

The connector with lateral fixing for hook - Solar profile connection or profiles Solar cross connection (90° degrees)

Profiles solar cross connection

Detail: cross connector

VERSIONS

- cross connector XC in aluminium alloy AW6060 T6 according to EN 755-2:2013
- hexagon socket cylindrical head screw TCEI in stainless steel A2-70 according to EN ISO 3506-1:2009
- channel nut FCN AL in aluminium alloy AW6060 T66 according to EN 755-2:2013 and nylon PA6 grey

ADVANTAGES

- Fast: quick Solar profile installation by tightening 1 screw.
- Complete: the pre-assembled cross connector PXC does not need any further accessory (e.g. screws, washers, nuts).
- Safe fixing: the cross connector XC has a large contact surface area that increases the connection load-bearing capacity.

APPLICATIONS

Suitable for:
- Special application System

For the connection of:
- Profile Solar-fish
- Profile Solar-mid

FUNCTIONING

Hook - profile Solar connection:
- Connect the cross connector XC to the hook GT/GTR/GTT/GTP/GTPR/GC using hex head screw SKS M 8 and hexagonal nut MU M 8 included in the hook package.
- Approach the profile Solar to the cross connector XC hook.
- Lock the connection tightening the hexagon socket cylindrical head screw TCEI, applying the right installation torque (10 Nm).

Crossed connection:
- Connect the cross connector XC to the lower Solar profile, upper channel, using the channel nut FCN AL M 8 and screw SKS M 8; rotate it clockwise 90°.
- Approach the upper Solar profile to the cross connector XC/PXC hook.
- Lock the connection tightening the hexagon socket cylindrical head screw TCEI, applying the right installation torque (10 Nm).

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Joint brackets

Cross connector **XC AL**
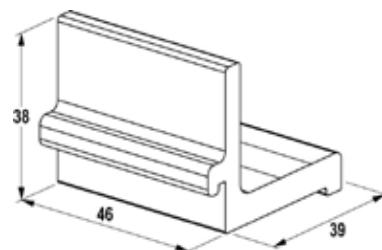
Item	Art.-No.	Weight W [g]	Thread M	Screw length l [mm]	Sales unit [pcs]		GTIN (EAN code)
XC AL	**516998**	40	M 8	20	10		8001132031834
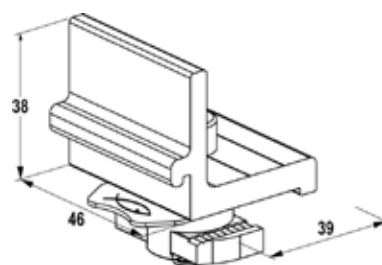
Pre-assembled cross connector **PXC**

Item	Art.-No.	Weight W [g]	Thread M	Screw length l [mm]	Installation torque T_{inst} [Nm]	Sales unit [pcs]		GTIN (EAN code)
PXC	**522671**	65	M 8	20	10	10		8001132031681

Hexagon socket cylindrical head screw **TCEI A2**

Channel nut **FCN AL**

Item	Art.-No.	Weight W [g]	Thread M	Screw length l [mm]	Width across nut ○ SW	Sales unit [pcs]		GTIN (EAN code)
TCEI M 8 x 20 mm A2	**071984**	-	M 8	20	6	50		8001132719848
FCN AL M 8	**571165**	10	M 8	-	-	50		8001132711651