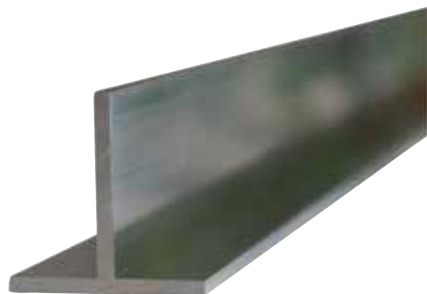


The 'T' shaped aluminium profile for customized installations on special structures



Special application on industrial roof



Detail: rear view of customized structure

VERSIONS

- aluminium alloy AW 6060 T5 according EN 755-2:2013

ADVANTAGES

- Customized: The profile TP AL allows you to build load bearing structures (when used with profile REP AL) for multi-rows of modules with particular tilt.
- Easy: profile TP AL is easy to work (cut and drill) and can be used with all profiles Solar.
- High performance: The profile TP AL is used when the number of load bearing frames needs to be reduced.

APPLICATIONS

Suitable for:

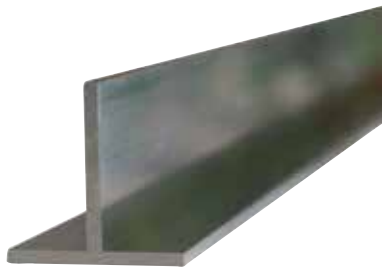
Special application System with:

- Profile REP AL
- Bracing profile BP AL

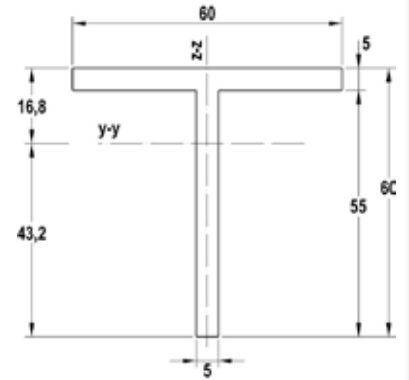
FUNCTIONINGS

- Load-bearing structures geometry and spacing has to be evaluated depending on snow and wind loads for installation area, according National Regulations.
- Cut to size and drill the profile TP AL according to the assumed load-bearing structure shape.
- Assembly the load-bearing structure through hex head screws SKS M 10 and flanged hex nuts MU F M 10.
- Fasten the load-bearing structure with the proper anchors depending on the building material of the substrate.
- Join profiles Solar with the assembled structure through hex head screw SKS M 8 and flanged hex nuts MU F M 8.

TECHNICAL DATA



Profile TP AL



Item	Aluminium alloy Art.-No.	Weight W [kg/m]	Profile length l [mm]	Profile cross section S [mm ²]	Moment of inertia y-axis I _y [cm ⁴]	Moment of inertia z-axis I _z [cm ⁴]	Section modulus y-axis W _y [cm ³]	Section modulus z-axis W _z [cm ³]	Sales unit [pcs]	GTIN (EAN code)
TP AL 60x60x5 mm - 6 mt	571185	1,55	6000	575	19,90	9,05	11,85	3,02	3	8001132711859

ACCESSORIES



Hex head screw **SKS A2**

Item	Art.-No.	Thread M	Length l [mm]	Width across nut ○ SW	Sales unit [pcs]	GTIN (EAN code)
SKS M 8 x 20 mm A2	505614	M 8	20	13	100	4006209651797
SKS M 8 x 50 mm A2	571208	M 8	50	13	100	8001132712085
SKS M 10 x 30 mm A2	557086	M 10	30	17	100	8001132570869
SKS M 10 x 50 mm A2	071181	M 10	50	17	100	8001132711811
SKS M 10 x 70 mm A2	071182	M 10	70	17	100	8001132711828

ACCESSORIES



Flanged hex nut **MU F A2**

Item	Art.-No.	Thread M	Width across nut ○ SW	Sales unit [pcs]	GTIN (EAN code)
MU F M 8 A2	571210	M 8	13	100	8001132712108
MU F M 10 A2	071952	M 10	17	100	8001132719527