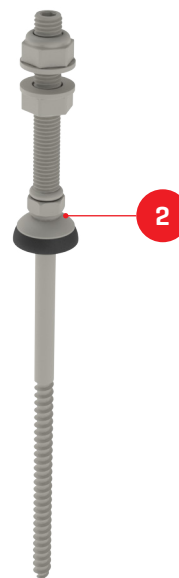
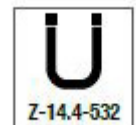


1



2



## Solar Fasteners

### TECHNICAL SHEET

Item Number	Description	Compatible substructure	Part Number
1	Solar Fastener 8mm, length 85mm	Metal	4000149   Solar Fastener 8mm length, 85mm
2	Solar Fastener 8mm, length 155mm	Metal	4000167   Solar Fastener 8mm length, 155mm

For fixing elevated solar panels and photovoltaic installations on steel substructures 1.5 - 3 mm.  
 Can also be used for steel substructure  $\geq 3.0$ mm if pre-drilled.  
 For high strength steel substructures up to S450GD.

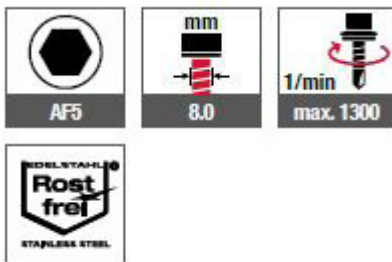
## SOLAR FASTENER



### Mechanical Properties

Solar Fastener	
Material	A2 stainless steel, with sealing washer FZD

### Technical Data



Characteristic Values of Load Capacity Steel Structure [S235 - EN - 10025 - 1]	1.5	2.0	3.0	≥4.0
Substructure Thickness [mm]	1.5	2.0	3.0	≥4.0
N R,K [kN]	2.2	3.4	5.8	6.8

Drill Diameter Steel Structure [S235 - EN10025 - 1]	1.5<3.0	3.0<5.0	5.0<7.5	7.5<10	≥10
Substructure Thickness [mm]	1.5<3.0	3.0<5.0	5.0<7.5	7.5<10	≥10
Drill Diameter [mm]	No drilling	6.8	7.0	7.2	7.4
Clamp Thickness [mm]	84-125mm				