

EJOT® solar fastener JT3-SB-8.0xL



Cross references

Bit hexagon
Bit holder
Cordless screwdriver ASCM 18
Drill bit HSS
Weldable flat steel



Watch the video now:
<https://youtu.be/AnTV9Pyubqc>

Online shop



Application range

- > For fastening elevated solar and photovoltaic installations to steel substructures 1.5 - 3 mm
- > Can also be used for steel substructure ≥ 3.0 mm if pre-drilled
- > For high-strength steel substructures up to S450GD

Properties

- > A2 stainless steel
- > With FZD sealing washer

Benefits

- > Quick retrofitting on existing roofs
- > No additional holes in the roof cladding
- > Use of proven sealing systems
- > No special assembly tools necessary
- > Extremely safe fastening with direct embedment into the substructure

Note

The solar fastener components are tailored to your project.
Further versions upon request!

**Characteristic values for the load-bearing capacity
Steel substructure (S235 - EN 10025-1)**

| Thickness of substructure [mm] | 1.5 | 2.0 | 3.0 | ≥ 4.0 |
|--------------------------------|-----|-----|-----|------------|
| $N_{R,k}$ [kN] | 2.2 | 3.4 | 5.8 | 6.8 |

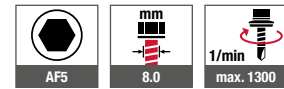
**Drill hole diameter
Steel substructure (S235 - EN 10025-1)**

| Thickness of substructure [mm] | 1.5 < 3.0 | 3.0 < 5.0 | 5.0 < 7.5 | 7.5 < 10 | ≥ 10 |
|--------------------------------|----------------------|-----------|-----------|----------|-----------|
| Drill hole diameter [mm] | without Pre-drilling | 6.8 | 7.0 | 7.2 | 7.4 |

Applications



Technical data



Certifications



| Order description | Screw length [mm] | Clamp thickness [mm] | PU [pieces] | Price/1 [EUR] | Article number | EAN |
|---|-------------------|----------------------|-------------|---------------|----------------|---------------|
| Set screw M10 x 50 mm | | | | | | |
| Set JT3-SB-3-8.0x85/M10x50 FZD DIN 934 | 85 | 14-55 | 25 | | 3 340 898 905 | 4061245021249 |
| Set JT3-SB-3-8.0x115/M10x50 FZD DIN 934 | 115 | 44-85 | 25 | | 3 341 198 905 | 4061245021256 |
| Set JT3-SB-3-8.0x155/M10x50 FZD DIN 934 | 155 | 84-125 | 25 | | 3 341 598 905 | 4061245021263 |
| Set JT3-SB-3-8.0x195/M10x50 FZD DIN 934 | 195 | 124-165 | 25 | | 3 341 998 905 | 4061245021270 |
| Set screw M10 x 70 mm | | | | | | |
| Set JT3-SB-3-8.0x85/M10x70 FZD DIN 934 | 85 | 14-55 | 25 | | 3 340 898 907 | 4061245041100 |
| Set JT3-SB-3-8.0x115/M10x70 FZD DIN 934 | 115 | 44-85 | 25 | | 3 341 198 907 | 4061245041087 |
| Set JT3-SB-3-8.0x155/M10x70 FZD DIN 934 | 155 | 84-125 | 25 | | 3 341 598 907 | 4061245041063 |
| Set JT3-SB-3-8.0x195/M10x70 FZD DIN 934 | 195 | 124-165 | 25 | | 3 341 998 907 | 4061245041049 |