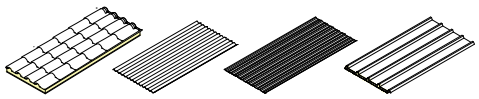
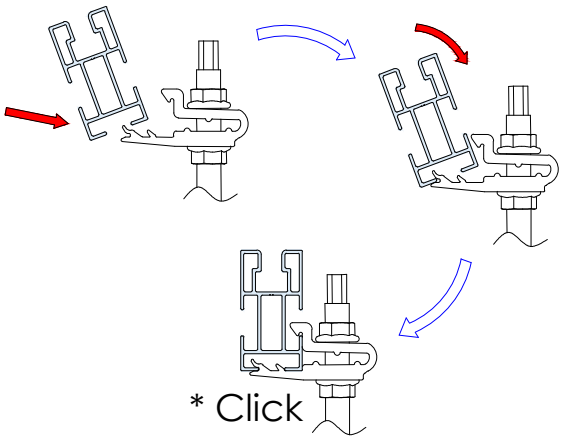
S01.1-EN

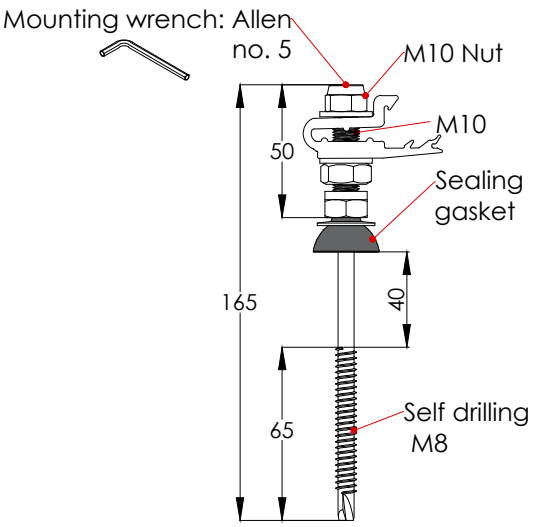
SUNFER Solar Mounting Systems



Steel beam

Steel profile





Units in millimeters (mm)

Characteristic tensile strength

	Thickness of steel profile [mm]			
	1.5	**2**	**3**	**≥4**
N_{RK} [kN]	2.20	3.40	5.80	6.80

With substructure(≤2mm) and asymmetrical substructures such as C- or Z-rails, the NRK load characteristic values must be reduced by 30%.

Pre-drill diameter

	Thickness of steel rail [mm]				
	1.5<3.0	**3.0<5.0**	**5.0<7.5**	**7.5≤10**	**≥10**
Ø (mm)	Without pre-drilling	6.8	7.0	7.2	7.4

50mm ≤ e ≤ 92mm

Specifications

Description	Fastening for direct anchoring to metal purlins with EPDM sealing washer Metric M8
Length	165 mm
Diameter	10 mm / 8 mm
Anchoring surface	Steel beam
Materials	Double threaded bolts: Stainless steel A2-70 Guide rail fastening: Aluminium EN AW 6005A T6 (raw or anodised) EPDM
Compatible profile	G1-EN
Drive	Hexagonal SW5
Pre-drill diameter	See table
Tightening torque	Screw M8: 20 Nm Screw M10: 40 Nm

Necessary tools:

Safety:

100% Recyclable

Marking ES19/86524 CE

Subject to change without notice. Product illustrations are for illustrative purposes only and may differ from the delivered product.