SpeedRail System
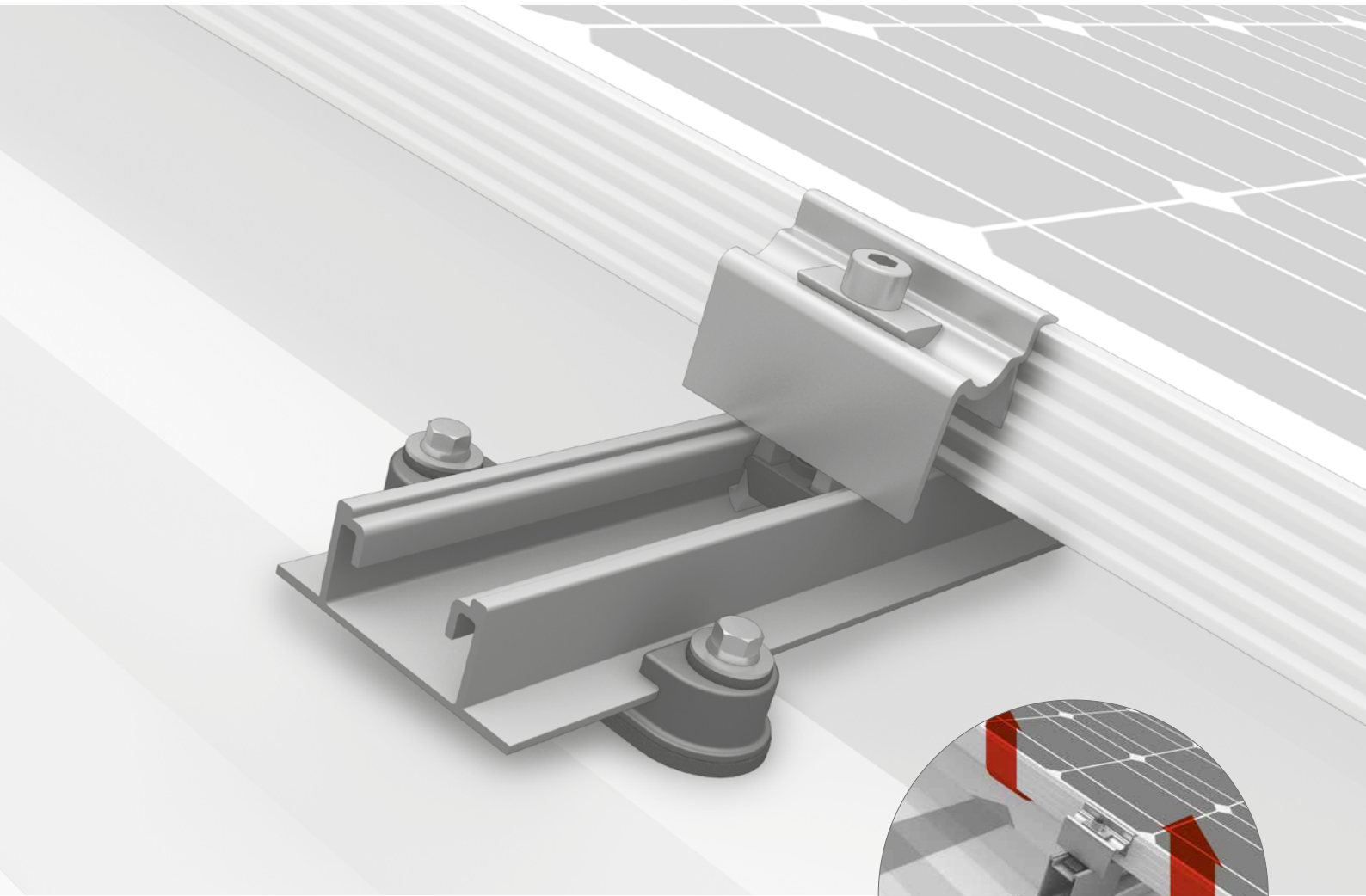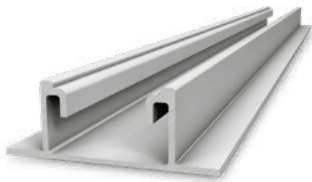
/ The proven long rail system for trapezoidal sheet applications
  as well as floating suspension with controlled thermal linear expansion

/ Our most popular system – over 3 GW installed worldwide

/ All-rounder with only 4 installation steps – also suitable for high loads

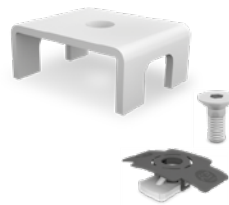**Optionally with RailUp**

Components

SpeedRail

/ Mounting rail with easy insertion mounting into SpeedClips

/ Various lengths available

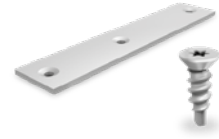**SpeedClip**

/ Mounting brackets for SpeedRail

/ Simple insertion feature

/ Glass fibre reinforced polyamide with EPDM seals

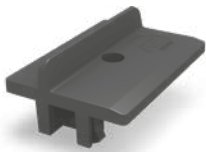/ Fastened with self-drilling screws for trapezoidal sheet metal

SpeedLock

/ Mounting lock for SpeedRail in case of thermal expansion

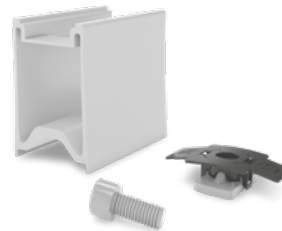/ In a set with MK2 slot nut and stainless steel screw

SpeedConnector

/ Rail connector for SpeedRail

/ Three boreholes for flexible mounting

/ In a set with countersunk screws

AddOn

/ For grid mounting with horizontal modules

/ Seamless module blocks and no second rail layer

RailUp Set

/ Improves rear ventilation of the modules

/ Easier installation of micro inverters

Technical data

	SpeedRail / SpeedClip
Scope of application	Trapezoidal sheet roof
Fastening type / roof fixture	Insertion mounting into SpeedClips and screws in the roofing
Requirements	▪ Sheet thickness: ≥ 0.4 mm steel or ≥ 0.5 mm aluminium ▪ Sandwich panel: Approval from manufacturer required ▪ Crest width: At least 22 mm ▪ Flush area surrounding the bore hole: Ø ≥ 20 mm
Material	▪ SpeedRail: Aluminium (EN AW-6063 T66; 0.64 kg/m) ▪ SpeedClip: Glass fibre reinforced polyamide with EPDM
SpeedRail dimensions W = width [mm] H = height [mm] L = lengths [m]	 63 22.5 2.25 / 3.30 / 4.40 / 5.50 m
SpeedClip dimensions	See drawing
Second rail layer	SingleRail or SolidRail