System

Mounting systems for solar technology
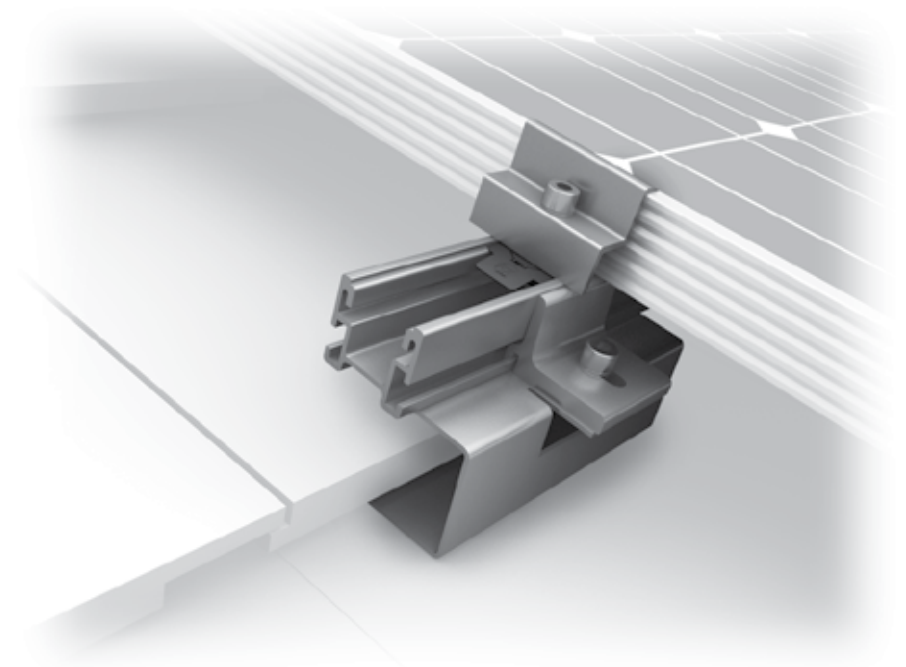
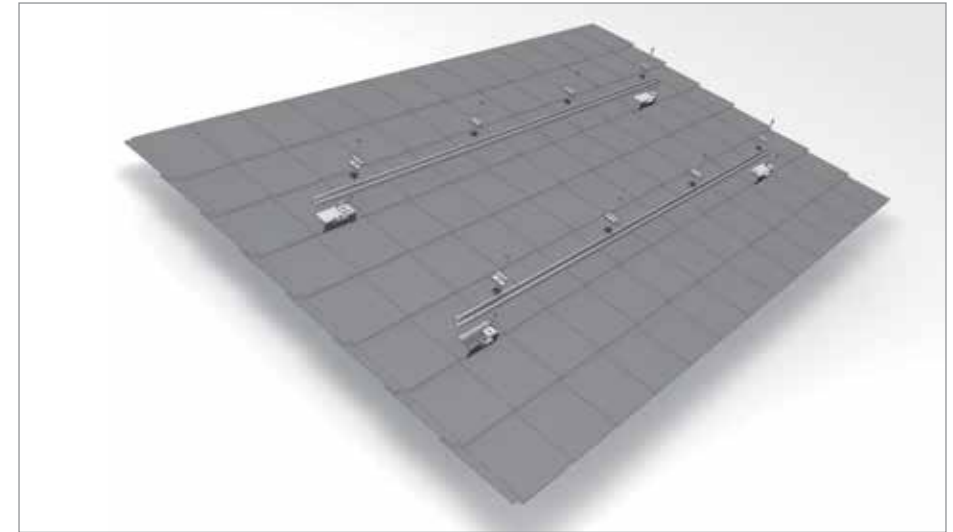CERT ISO 9001   TÜVRheinland www.tuv.com   VDE REG.-Nr. E524

K2 SYSTEMS
SLOPED ROOF SYSTEMS
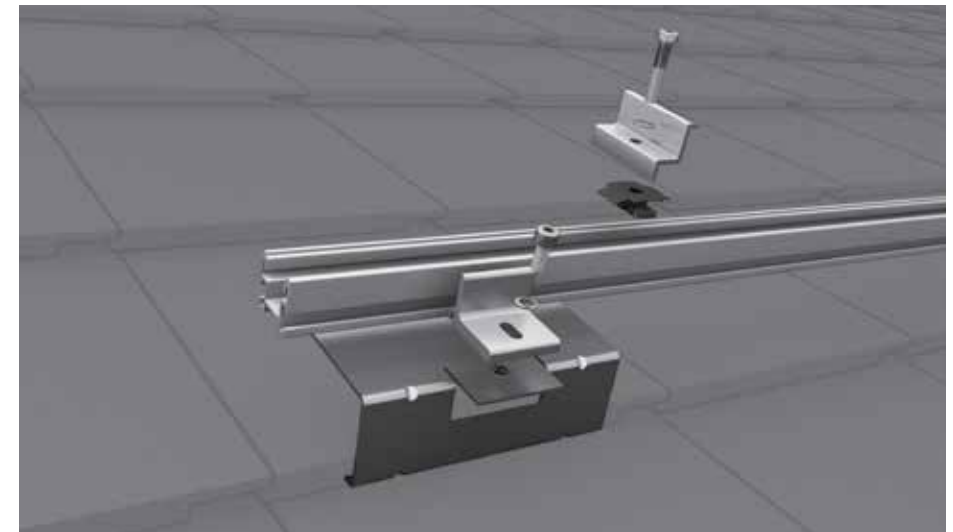**VARIO 2S & CROSSHOOK 2**

VARIO 2S & CROSSHOOK 2

¬ K2 Systems roof fastener system developed especially for flat tiles in accordance with British standards
¬ Easy installation with screw connection from above using the K2 CrossRail and K2 Climber
¬ Limited modification of tiles, in most cases
¬ Excellent corrosion resistance thanks to use of high-quality aluminium alloys and stainless steel components
¬ Suitable for all module types
¬ Modular structure suitable for any system size
¬ Round elongated hole for standard-compliant fastening on to timber substructures
¬ Sophisticated geometry and targeted use of materials allows for increased span widths at installation
¬ High level of flexibility due to adjustment of bracket height on Vario 2S

System Explosion drawing

Technical data		12 Jahre Produktgarantie / Years product warranty
Field of application	Sloped roof 5-75°	
Roofing	Various tiled roofs or flat tile roofs	
PV modules	Suitable for all standard module types	
Module orientation	Vertical / horizontal (with cross bracing)	
Material	Stainless steel 1.4301	
Connecting elements	Stainless steel A2-70 M6 rafter screws	
Roof connection	Screw connection	
Rafter width	From 36 mm	
Static principles	Determination of load capacity values by independent testing institutes	
Load assumption in accordance with	DIN EN 1991 (Eurocode 1), screw connection in accordance with Eurocode 5	
System components	Roof fastener, K2 CrossRail range, K2 Climber, mid and end clamp sets, M K2	

Explosion drawing - CrossHook 2