

Solar Bolts

Solex solar bolts are heavy duty stainless steel fastenings, designed for mounting solar panels over tiles, single lap slates and profile sheet roofing.

They consist of a wood screw section for fastening into the roof structure, and a machine screw section for attaching the panel. A rubber grommet ensures sealing of the upper surface of the roof penetration. Pre-drilled aluminium angle brackets are available to mount our solar panels.



Bolt material	Stainless steel						
Fittings	s/s nut, locknut, washers, epdm grommet						
Type	1	2	3	4	5	6	7
Machine thread dia	M8	M8	M8	M10	M10	M10	M10
Machine thread lgth	50	50	50	50	50	50	75
Wood thread dia mm	6.5	6.5	6.5	8.0	8.0	8.0	8.0
Wood thread length	75	125	150	80	130	150	80

Stainless straps

Our stainless straps are ideal for fitting solar panels over most types of roof tiles, and are especially useful over slates as they are fitted without penetrating the roof covering.

The straps are slipped between the slates or tiles, and secured inside the roofspace to the underside of the battens. Alternatively some tiles may be removed, and the straps screwed down from above.

Typically one strap is used on each corner of a solar panel, or each corner of a mounting frame if one is employed. Uni-strut for mounting several panels may be used if necessary. When mounting the solar panels supplied by us, short stainless M8 nuts and bolts are used, as shown.



Strap material	Stainless steel
Dimensions	550 x 50 x 30 x 2.2mm
Fittings to panel	M8 s/s nut & bolt
Fittings to battens	Wood screws or coachscrews