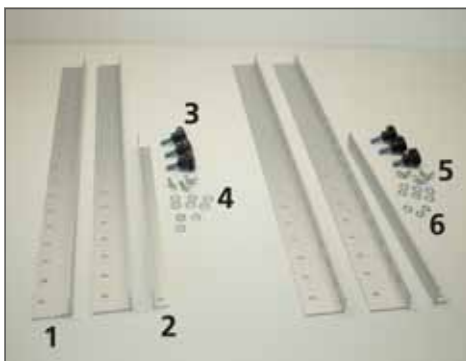


# Solar Module Support Structure PN-SMS 2

31.01.14\_DAH



## Bill of Materials:

- 4x rail (1)
- 2x sustainer (2)
- 6x wing screw (3)
- 12x washer (4)
- 6x wing nut (5)
- 6x snap ring (6)

## Assembly of support structure 1

- 2x rail
- 1x sustainer
- 3x wing screw
- 6x washer
- 3x wing nut
- 3x snap ring

### Step 1

Slip a washer on one of the wing nuts and stick the wing nut through rail and sustainer.



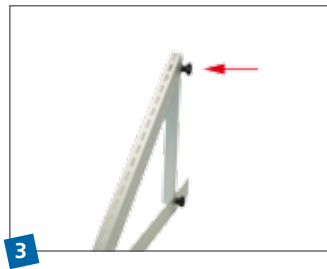
### Step 2

Slip another washer, snap ring and wing nut on the wing screw and tighten the screw.



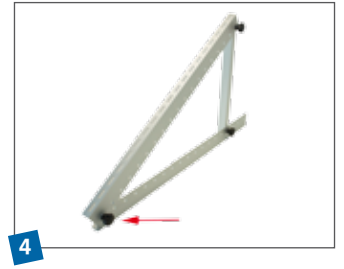
**Step 3**

Turn the rail upward and use a second rail to form a triangle. Tighten the rail to the sustainer as mentioned before.



**Step 4**

Screw the two sustainers together.

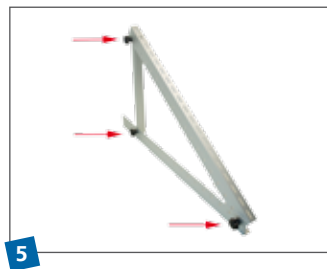


**Assembly of support structure 2**

- 2x rail
- 1x sustainer
- 3x wing screw
- 6x washer
- 3x wing nut
- 3x snap ring

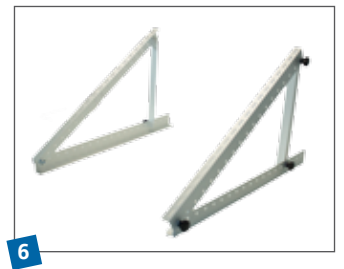
**Step 5**

Assemble the second support structure as before. Please observe to assemble side-invertedly.

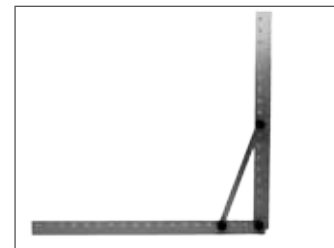


**Step 6**

Arrange the two sides in parallel and fix the solar module.



**Various angular adjustments:**



**Adjustable from 0 – 90°**