

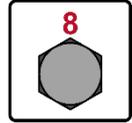


CWL SOLAR SYSTEM

M-389 2601 EN

FLAT ROOF SYSTEM

SOLAR PANELS ON THE LONG SIDE



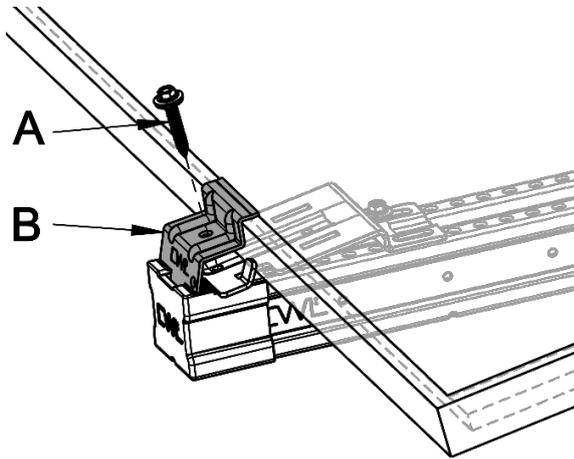
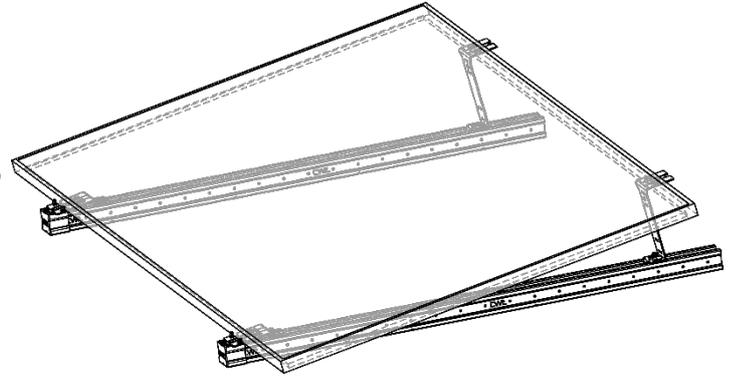
The instructions apply when clamping is performed on the long side of the solar panels.

First, install all equipment (e.g. ballast, cross rails and electrical installations) that must be mounted under the solar panels.

The high brackets have holes that can be used for electrical installations or for installing weather protection. The holes are designed for our 6.3x19 construction screws or M8/M10 screws.

Position the solar panel on the low brackets so that the lower long side of the panel rests against the stop blocks.

Position the solar panel on the high brackets so that the upper long side of the panel rests on the top surface of the high bracket. The solar panel must protrude equally from the brackets on both sides. If all measurements are correct, the low and high brackets must now be positioned on the solar panel's optimal clamping zone, and the top surface of the high bracket should protrude 35 mm beyond the upper long side.

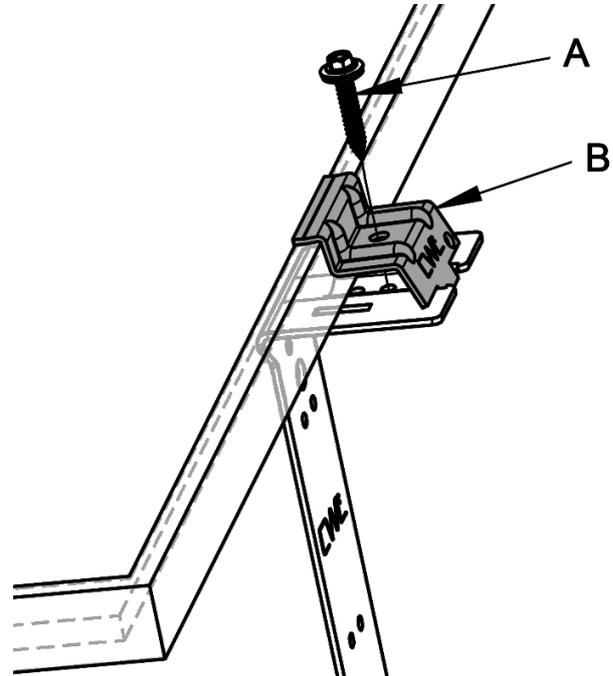


Position end clamp (B) on both low brackets so that the end caps' guide fits into the groove on the solar panel rail and the clamping strip is placed on the solar panel frame at the optimal clamping zone. At the end of the solar panel rail, the end clamp may lie on the end cap.

Position the end clamp (B) on both high brackets so that the end cap's guide is positioned in the recess at the far end of the high bracket's top surface. If the high bracket is positioned correctly, the end clamp's clamping strip should be positioned directly above the solar panel and spring down towards the frame with light pressure from your finger.

Install long construction screws (A) to a torque of 10 Nm on both low brackets and both high brackets.

It should be easy to find the hole for the screw. Hold the high bracket during installation so that it does not twist.



Repeat for all solar panels so that there is an equal gap between all panels.

Solar panels will be installed in the next stage. See installation instructions **M-389 Solar panels long side** or **M-390 Solar panels short side**.

A= Stainless steel construction screw with washer 6.3 x 38 mm, B= End clamp