

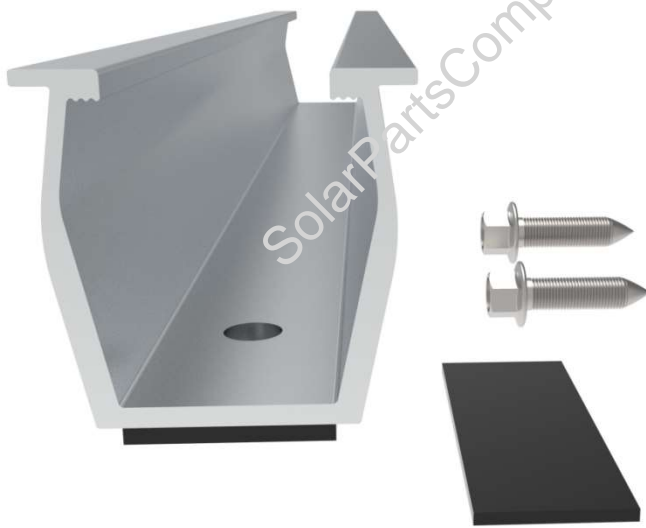
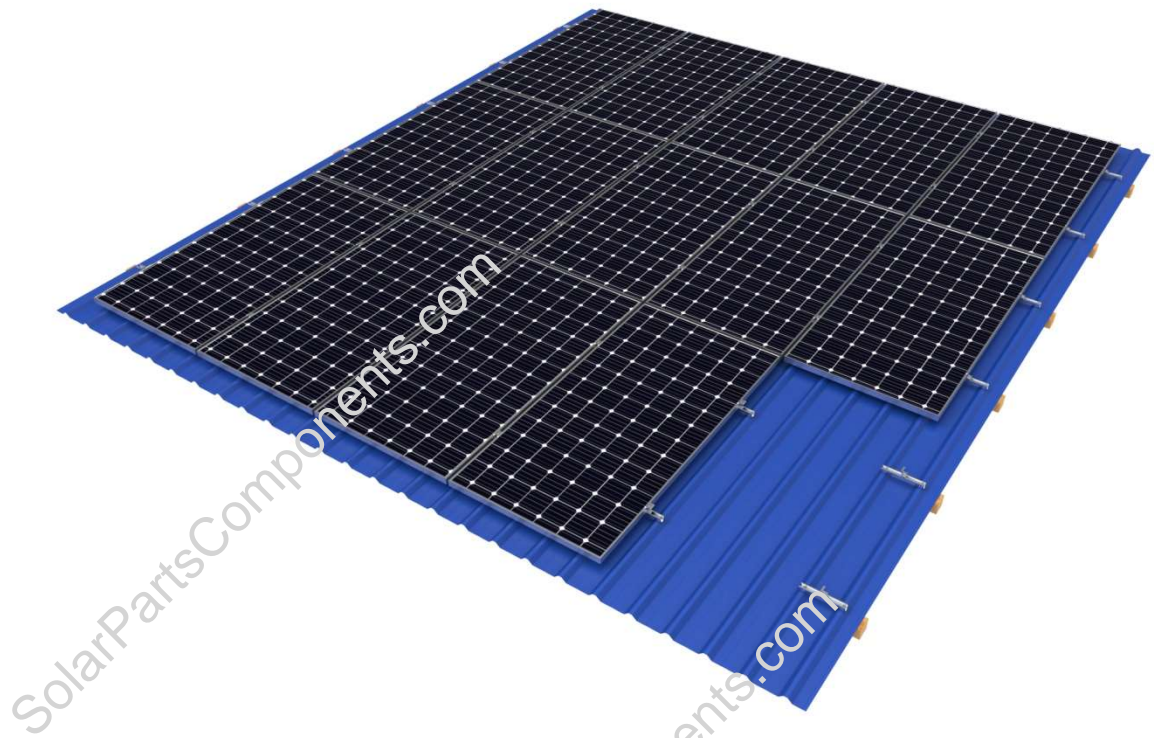
# **Solar roof mounting system**

## **U rail assembly instructions**

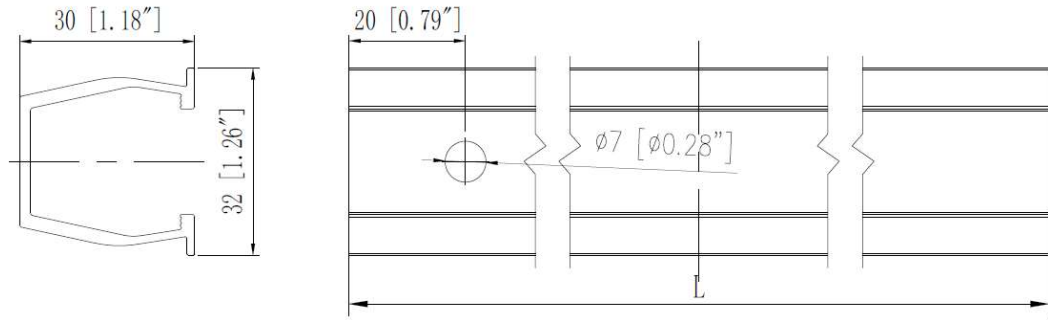
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U rail dimensional drawing as below:

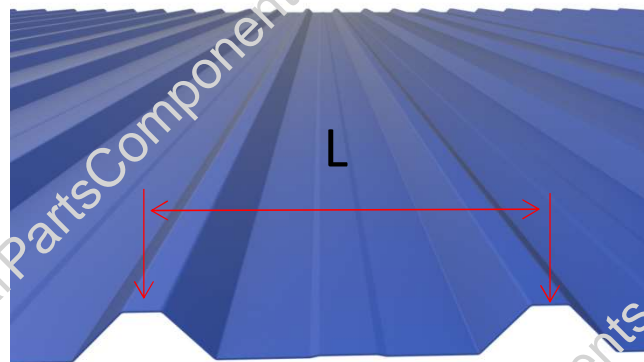


U rail assembly instructions:

1.1 One hole will be pre-drilled before U rail shipping, with a rubber pad attaching on the bottom. The other hole should be drilled according to the corrugation pitch of metal roof. (Pic 1)



Pic 1



Pic 2

1.2 According to the corrugation pitch "L", drilling a  $\phi 6$  hole on U rail from same distance. (Pic2, Pic3)



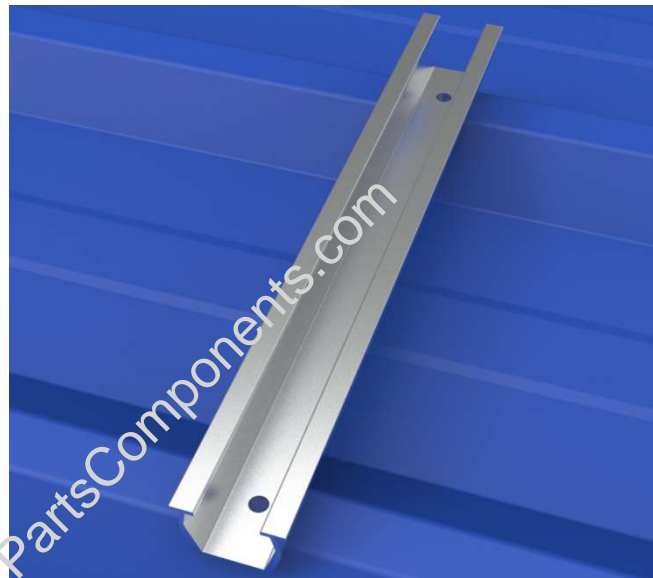
Pic 3

1.3 After drilling, attaching a rubber pad on the bottom. (Pic 4)



Pic 4

1.4 Put U rail flat on 2 corrugations (Pic 5), apply sealant before screws in. (Pic 6)

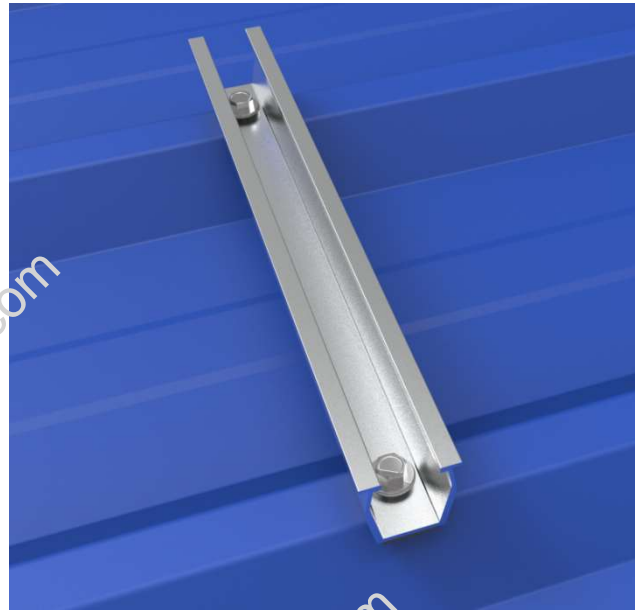


Pic 5



Pic 6

1.5 Screw in 2 bolts on corrugations of metal roof. (Pic 7)



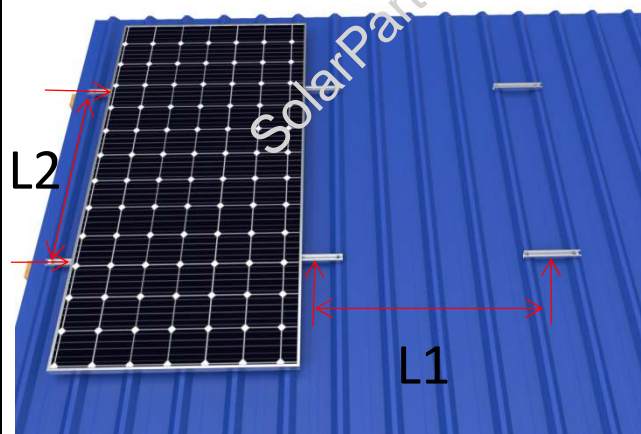
Pic 7

1.6 Fasten bolts, then use sealant on them again. (Pic 8)



Pic 8

1.7 Put module smoothly on U rails. L2 distance should be half in length of module. L1 distance can adjust according to width of module. U rail required to install on 2 corrugations. Space between modules is decided from size of mid clamps. (Pic 9)



Pic 9

1.8 Using mid clamps & end clamps to fix modules on U rails. (Pic 10, Pic 11)



Pic 10



Pic 11

1.9 Installation completed. (Pic 12)



Pic 12