

# Universal-Clamp

## GS Rail System with Click-in Technology

### GS Universal Clamp

Article No. UC-GS

#### Product properties

|               |                      |
|---------------|----------------------|
| Material      | AL6005-T5 and SUS304 |
| Dimensions    | 40x40 mm             |
| Weight        | 0.070 kg             |
| Colour        | Mill or Black        |
| Pre-assembled | Yes                  |

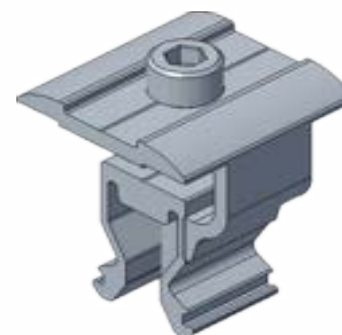
#### Application properties

|                              |                   |
|------------------------------|-------------------|
| Function                     | Mid and End Clamp |
| Max. fastening torque        | 14.5 Nm           |
| Clamping range               | 30 - 46 mm Panels |
| Type of modules              | Framed Modules    |
| Drive                        | Hexagon Socket M8 |
| Can be used with Rail system | GS Rail           |

The recommend torque for Universal Clamps in the End Clamp position is 13~14N.m.  
The recommend torque for Universal Clamps in the Inter Clamp position is 16~20N.m.

#### Package

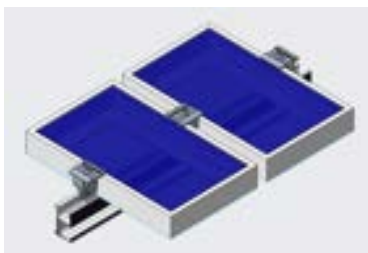
Package Detail 320 pcs/ctn



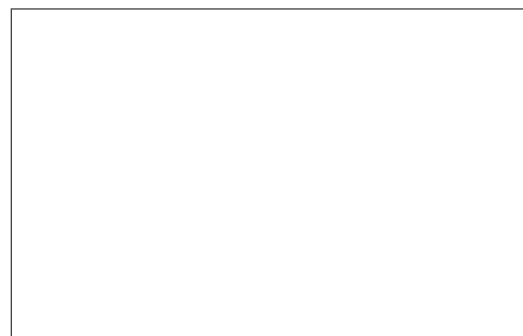
## One Clamp For All



#### Installation



Dealer information



## Fastensol Universal Clamp - Notes from an Installer

The fastensol Universal Clamp means that you only need one product for mids, ends and it fits all sizes of panel 30-46mm thick.



There is actually more to successful use than merely clipping them in. Others might find this helpful;

One benefit of the new design is that they will pop into the rail and stay (rather than dropping out while one is handling the panels)- however, do not clip in until you have the panel in place because once clipped there is no lateral movement. Press the clip right into the rail, then, once the panel is secured on the opposite side, move the clip adjacent to the panel and raise it, one side at a time to clip in to the top of the rail.

If there is a small gap between the clip and the panel it is easier to tap the clip across with a light tool (an Allen key is usually enough) than to try to move it by hand. If it is too far to tap long nose pliers can be used to unclip it - but beware too much pressure will compress the clip, in which case it can be gently parted with the same pliers.

Because there is a lot of thread to sink, a multi drill, on screw setting and highest torque, is very handy - but do finish with an Allen key turn.

Off the top plate (at 90 degrees) there is a spacer - this works best hanging downwards. If not (or on a flatter roof) it may snag the top of the clip and this can then lead to a bent/twisted clip that is of no further use. On a flatter roof it is worth screwing down part way before the next panel is placed.

Notes courtesy of  
Andy Green