

Grating Fasteners

P. O. Box 610
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Home of the "G-Clip" ...the best grating fastener!

Product Information – GT Models (Top Only)

G-Clip **model GT-** is the top part of a G-Clip that can be used on its own to fasten bar grating to structural shapes. The GT is capable of higher installation torque than a saddle-style fastener and is available in a range of materials. When used correctly, it will also have greater uplift resistance than a saddle clip. The GT is available in various shapes to accommodate many grating styles and installation techniques.

Model GT – tops include the following units:

- GT-R:** This G-Clip top is a galvanized round unit that is designed to attach close mesh grating, checkered plate, or expanded metals. The unit lies atop the grating surface, but is not a trip hazard. Many installers use this clip top for the close mesh grating that complies with ADA standards.
- SSGT-R:** This is the stainless version of a GT-R. It is one of our best sellers, due to its 316SS corrosion protection and wide range of uses.
- GT-W:** This G-Clip top is the galvanized carbon steel top found on our GG- series for 19-space bar grating. Since it has a rectangular shape, the top can be turned 90 degrees to fit spaces between adjacent bars of either 7/8" or 1-1/8". It features turned down sides that encase two bars, for a positive holding action. It can be used instead of the F-10 style saddle clips and, in fact, provides a higher installation torque.
- SSGT-W:** This is the stainless version of the GT-W. It is made of 316SS.
- ALGT-W:** This is the aluminum version of the GT-W.
- SSGT-F:** This G-Clip top is our strongest, due to the reinforcing ridges of the top. It is made only in 316SS and was designed for fiberglass, pultruded gratings. It also features overhanging "ears" which fit on the outer edges of the adjacent bearing bars, restricting them from spreading.
- SSGT-FF:** This top is our Model SSGT-F, which is then modified further to remove the "ears" that hang down. This top can fit extreme bar width situations, as it has an overall width of 3.1".
- GT-FF:** This is the galvanized carbon steel version of the SSGT-FF.
- SSGT-X:** This 316SS G-Clip top has a rectangular shape so it can fit gratings with either .75" or 1" openings. The top has a slight depression so that the clip fits snugly between the bars and so that the fastener head does not extend too far past the grating surface.
- SSGT-Y:** This 316SS G-Clip top is designed for 1.5" square-mesh molded fiberglass gratings. Like the SSGT-X, it has a slight depression in its center.
- SSGT-Z:** This 316SS G-clip top is very similar to the SSGT-Y, but it is slightly larger to fit 2" square mesh molded fiberglass gratings.

INSTALLATION TORQUE:

-A measure of the integrity of any grating fastener is the amount of initial hold-down force provided by the fastener. Typical saddle clips provide an average hold down force (via installation torque) of approximately 70 inch-pounds. Common hand-held nut drivers have a handle diameter of 1" to 1.25", which will allow installation torque of approximately 60 inch-pounds to be easily achieved.

-All galvanized steel and stainless steel G-Clip top plates are capable of being installed at a value of at least 110 inch-pounds of torque with some stainless models being capable of taking 200 inch-pounds of installation torque. However, we recommend that end-users do not exceed torque values of 110 inch-pounds, as the top plates may begin to deform at a value greater than this, thus losing holding force.