

Grating Fasteners

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Home of the "G-Clip" ...the best grating fastener!

Product Information – Saddle Clips

A popular method of attaching grating to structures involves formed metal pieces, variously called saddle clips, butterfly clips, and M-Clips, placed onto the grating top surface and attached with a suitable screw, bolt, or pin to the structure. All of our saddle clips are designed for use with a 0.25" diameter fastener.

Saddle Clips offered by our company include the following units:

- GSCF-10:** The most common saddle clip, this clip is used to fasten 19-space grating to structures. It has an oval-shaped hole, which will accommodate either a screw or a carriage bolt.
- GSCF-7:** This saddle clip is similar to the GSCF-10, but is for 15-space grating. Because of the small area between the "ears" of the fastener, an allen-head or phillips-head fastener is recommended.
- SSF-10:** This is the stainless version of the F-10 series. It is resistant to corrosion in most environments, due to its 316SS stainless steel material.
- SSFG-1.5:** This is the stainless steel saddle clip for 1.5" square mesh fiberglass gratings. Because this type of grating is usually used in corrosive environments, this clip is only available in stainless steel.
- SSI-60-1:** This saddle clip is designed for use on fiberglass, pultruded gratings that are 1" in height. Like the SSF-10, it is resistant to corrosion, due to its stainless steel material.
- SSI-60-1.5:** This saddle clip is designed for fiberglass, pultruded gratings that are 1.5" in height or more. It can also be used on 1.5" square mesh fiberglass gratings. It is also made of stainless steel.

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. Tightening a saddle-style fastener past 80 inch-pounds will typically result in the deformation of the clip and rapid loss of hold-down force.