

Bar Grating Accessories

Bar Grating Clips, Fasteners and Anchoring Devices

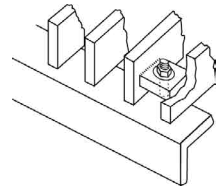
Saddle Clips

The saddle clip bridges two bearing bars and is attached with 1/4" self-tapping bolt, 1/4" self threader, 1/4" weld stud or 1/4" bolt and nut when hole is drilled through supporting flange. Available for 15/16", 1-3/16" and 1-3/8" bearing bar spacings (15, 19 and 22 space) in carbon and stainless steel. Fasteners should be specified separate from clips. (Fasteners available in Self tapping, or Bolts with nuts and washers included).



Weld Lugs

Weld lugs may be used for installations where grating is subject to removal. Weld lugs are shop fabricated and must be specified at time of grating order. Fasteners are 1/4 minimum and supplied by others. Location is the same as Attachment Locations diagram.



G Clips

Fastens grating to a horizontal-facing steel structural member edge.

The model GG- describes an assembly of fastener parts identical but for materials of construction, that each contain three common parts. First is a G-Clips unique top for better holding strength and to suit 19W4 grating. Second, a G-Clips patented bottom connects to the beam underside. A hex-headed cap screw connects the two, and its length suits the grating height being installed.



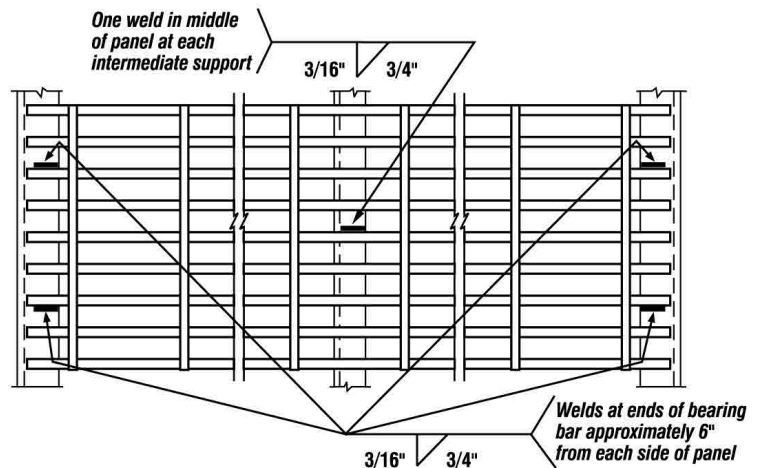
Welding Information

When bar grating needs to be a permanent installation, fasten bar grating in place by securing welding panels to the supporting structure. The diagram below shows the recommended minimum weld size and spacing for pedestrian applications.

Applications where there will be vehicular traffic usually require additional welding, size and spacing as determined by the specifying authority.

Minimum Weld Pattern for Pedestrian Applications

Attachments should be placed at intermediate supports in the middle of the panels and at four bearing bar ends, 6 from each side of panel. Welds should be 3/16 fillet welds, 3/4 long. Heavy-Duty grating may require additional welding to meet application needs.



Grate Fast Clips

The Type GF Grate-Fast Fastener enables rapid and secure connection of open grate flooring to steel sections. Grating can be connected by one man only, working from above, without the need to drill the steel, or weld on site.



The standard product (LGF037) consists of a pre-assembled top-hat bracket, socket head cap screw and body casting and provides the additional benefit of increased clamping force over lower quality clips.

For specific applications, it can be supplied with an off-set top-hat bracket to accommodate non-standard grating bars.

Z Clip

The most versatile clip anchor available is the Z Clip. These clips are especially helpful in holding down riveted grating. Z Clips are manufactured from stainless steel and are available in 1(1 and 1-1/4 grating) 1-1/2 (1-1/2 and 1-3/4 grating) and 2(2, 2-1/4 and 2-1/2 grating) with a pre-punched hole to accept a 1/4 bolt or TEK screw.