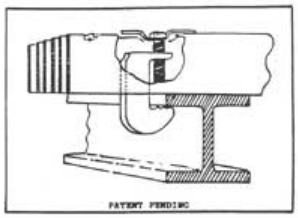
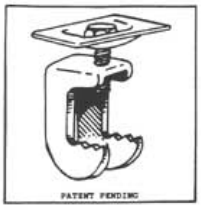
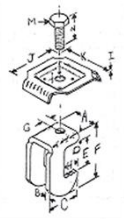
Production Fastening Systems, L.L.C.

New Orleans, LA

G-Clip Grating Fasteners







Part Numbering System

Describes Top Unit of the Fastener	
R	= (Galvanized, carbon steel) Top for close-mesh grating
R	= (316 Stainless steel) Top only, misc. uses
W	= (Galvanized, carbon steel) 7/8" minimum between bars
W	=(Aluminum) 1" minimum between bars
X	= (316 Stainless steel) 13/16" or 7/8" between bearing bars
Y	= (316 Stainless steel) 1-1/2" square mesh FRP grating
Z	= (316 Stainless steel) 2" square mesh FRP grating

Describes Model Purpose		
GA	=	Vertical Flanges
GC	=	Close-mesh grating
GG	=	Horizontal flanges
GM	=	Mounts devices to grating
GP	=	Binds parallel sheets of grating to each other
GS	=	Binds stacked grating sheets to each other
GT	=	Tops only

Describes Flanged Edge Thickness		
1	=	1/4" to 3/4"
2	=	3/4" to 1-1/4"
3	=	1-1/4" to 1-3/4"
4	=	1-3/4" to 2-1/4"

X SS GG - 1 A

Describes Material of Construction		
Blank	=	Galvanized, carbon steel
AL	=	Aluminum
SS	=	316 Stainless Steel
MN	=	Monel (Special orders)

Describes Grating Thickness (plain, or serrated edge)		
A	=	1" high
B	=	1-1/4"
C	=	1-1/2"
D	=	1-3/4"
E	=	2"
Other sizes are available		

Grating Thickness	Structural Member Flange Thickness			
	1/4" to 3/4"	3/4" to 1-1/4"	1-1/4" to 1-3/4"	1-3/4" to 2-1/4"
1 inch	GG-1A	GG-2A	GG-3A	GG-4A
1-1/4 inch	GG-1B	GG-2B	GG-3B	GG-4B
1-1/2 inch	GG-1C	GG-2C	GG-3C	GG-4C
1-3/4 inch	GG-1D	GG-2D	GG-3D	GG-4D
2 inch	GG-1E	GG-2E	GG-3E	GG-4E

MATERIAL SPECIFICATIONS

Galvanized, carbon steel

- Fasteners body units are stamped, using 11 guage hot-rolled, pickled and oiled, steel coils, conforming to ASTM A-366.
- Top units are identical, except that 16 guage coil is used, and conforms to ASTM A-569.
- Top and body units are mechanically galvanized, after stamping, with galvanized conforming to ASTM B-695, class 50 (2 mils thick).

eel, hex head cap screws, conforming to ASTM A-307, and mechanically galvanized.

316 Stainless steel

- Fastener body units are stamped, using 13 guage hot rolled and annealed stainless steel coils, conforming to ASTM A-240 and ASME SA-240.
- Top units are identical, except that 16 guage coil is used.
- Threaded studs are 316 stainless steel, hex head cap screws, conforming to ANSI B-18.2.1.
- Internal tooth lock washers are 410 stainless steel, conforming to ANSI B-27.1.

Aluminum

- Fastener body units are stamped, using 1/8″ thick, grade 5052 aluminum plate, conforming to ASTM B-209 and Federal Spec. Q2A-250/8.
- Top units are identical, except that 13 guage plate is used.
- Threaded studs are 6061 T-6 aluminum, hex head cap screws, conforming to Federal Spec. QQA-270.

Torque Requirements

- G-Clips should be tightened by hand, using a 7/16″ nut driver. When fully tightened by the average installer, a torque value of approximately 58 inch/ pounds torque is realized, according to tests. This is sufficient to allow the clips to resist typical vibration and stress loads to which grating is often subjected.

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