

# ORDERING INFORMATION

## GRATING

### 1. Description

- a. Aluminum:
  - ALUMINUM FLUSH TOP SGF Series
  - Aluminum Rectangular Bar SG Series
  - Aluminum I-Bar SGI Series
  - Aluminum Lite Bar
  - Aluminum Dove Tail ADT Series
  - Aluminum Riveted AR Series
  - Aluminum Plank Series
- b. Heavy Duty Steel
  - Heavy Duty Welded Steel W Series
  - Heavy Duty Welded Steel WH Series
  - Heavy Duty Riveted Steel R Series
- c. Light Duty Steel
  - Welded Carbon Steel W Series
  - Dove Tail Carbon Steel DT Series
  - Swaged Carbon Steel SGCS Series
  - Swaged Stainless Steel SGSS Series
  - Riveted Carbon Steel R Series

### 2. Size and Type (Bar grating):

- a. Bearing bar size
- b. Bearing bar spacing, center-to-center (face-to-face for riveted grating)
- c. Cross bar or rivet spacing, center-to-center

### 3. Surface

- a. Plain
- b. Serrated
- c. Striated (I-Bar)
- d. Slip Resistant Surface

### 4. Size and Punch/Pattern (Aluminum Plank grating):

- a. Plank size and type
- b. Unpunched
- c. Rectangular Punched
  - Upset Pattern (OGI)
  - Upset Pattern (WACO)
  - Plain Pattern
- d. Square Punched
  - Upset Pattern
  - Plain Pattern
- e. Round Punched
  - $\frac{13}{16}$ " Diameter In-Line Pattern
  - 1" Diameter Staggered Pattern
- f. ADA Diagonal Pattern

### 5. A drawing (if layout is complicated) showing:

- a. Area to be covered
- b. Span (direction of bearing bars)
- c. Method of support
- d. All critical dimensions
- e. Banding or toe plate

### 6. Type of Anchorage

- a. Grating clamp
- b. Plank clip
- c. Saddle clip
- d. Anchor block
- e. Countersunk land (aluminum only)
- f. Tack weld
- g. Z clip
- h. Plank lug

**Note:** Grating should always be held down by some positive means. See page 94.

### 7. Finish:

- a. Aluminum:
  - Mill Finish
  - Cleaned & Etched
  - A-31  $\frac{1}{2}$  hour Clear Anodizing
  - A-41 1 hour Clear Anodizing
- b. Carbon Steel
  - Mill Finish
  - Manufacturer's Standard Black Paint
  - Galvanized
- c. Stainless Steel
  - Mill Finish
  - Sandblast (used to help minimize the discoloration caused by welding Heavy Duty Stainless Steel grating)

## STAIR TREADS

### 1. Description: See Grating, Item 1

### 2. Size and Type (Bar grating): See Grating, Item 2

### 3. Surface: See Grating, Item 3

### 4. Size and Punch/Pattern (Aluminum Plank grating):

- a. See Grating, Item 4
- b. Type "F"

### 5. Type of Nosing

- a. Checker plate – standard for carbon steel treads
- b. Cast aluminum – an abrasive nosing available on aluminum or carbon steel
- c. Grooved – an extruded aluminum nosing standard on aluminum treads
- d. Slip-Not – a special nose for aluminum or carbon steel treads by request
- e. Stainless Steel

### 6. Dimensions

- a. Width of tread, including nosing
- b. Span (length of bearing bars)
- c. End plate dimensions "A" and "B" (see page 105)

### 7. Number of treads

### 8. Finish: See Grating, Item 7

## ALUMINUM GRATING FRAMES

### 1. Frame Size (corresponds with grating size)

### 2. Description

- a. Stock lengths
- b. A detailed drawing or accurate measurements for fabricated frames

### 3. Supplementary anchor straps and spacing, if required

### 4. Finish

- a. Mill Finish
- b. Bituminous Paint

### 5. Nail holes and location, if required