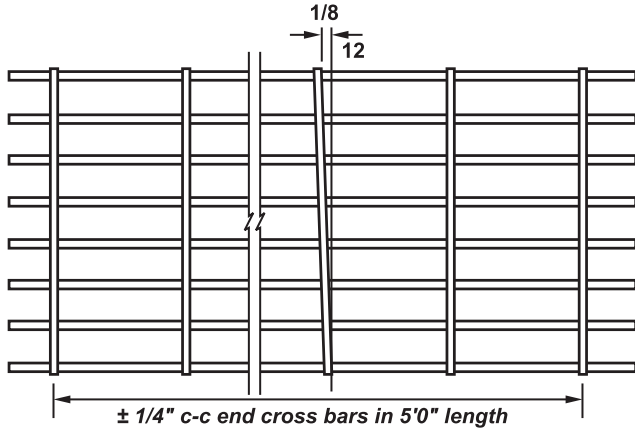


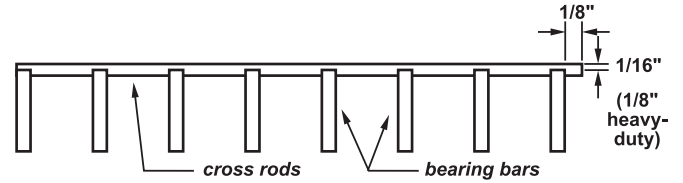
Bar Grating Manufacturing Tolerances

BEARING BAR AND CROSS ROD TOLERANCES



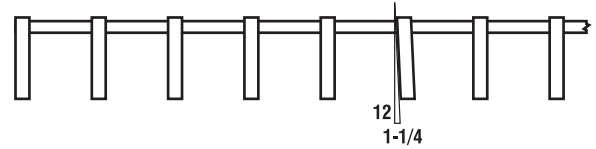
Cross Rod Spacing and Alignment

Cross rods should not vary more than 1/8 in 12 in either direction from perpendicular alignment with bearing bars. The tolerance of the cross bar spacing for 5' in length is $\pm 1/4$ ".



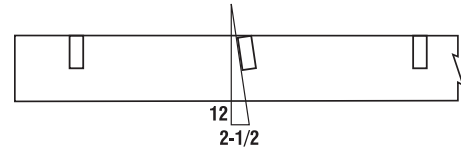
Cross Rod Position

The top of the cross rod should not project more than 1/16" above the top of the bearing bars for standard grating (1/8" for heavy-duty) and should not extend more than 1/8" from side of bearing bars.



Bearing Bar Lean

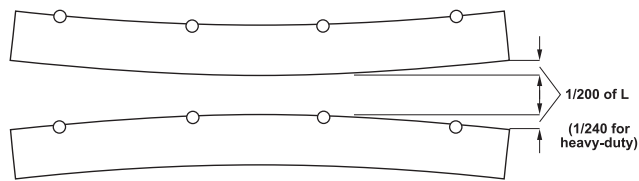
Bearing bar lean must not exceed a slope of 1-1/4 to 12.



Cross Bar Lean

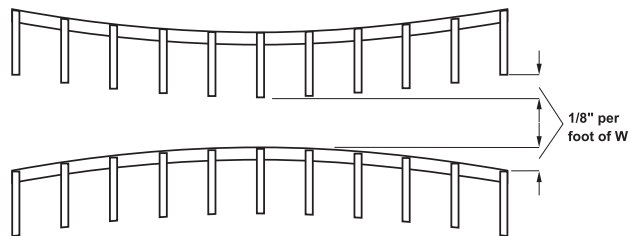
Cross bar lean must not exceed a slope of 2-1/2 to 12.

PANEL TOLERANCES AMICO manufacturers grating to meet or exceed ANSI / NAAMM Standards



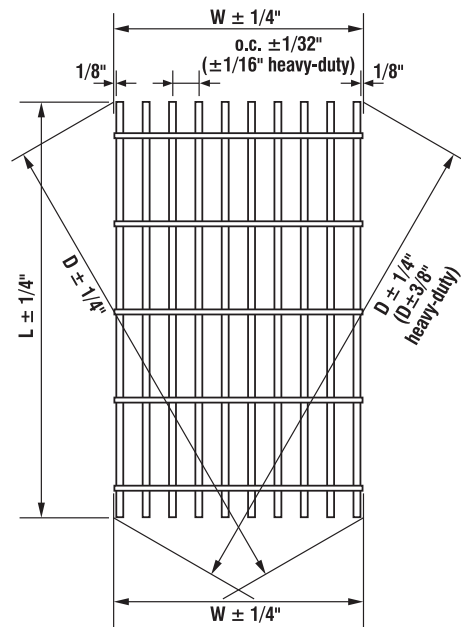
Longitudinal Bow

Longitudinal bow should be less than 1/200 of the length for standard grating (1/240 for heavy duty).



Transverse Bow

Before banding, the transverse bow should be less than 1/8" per foot of width.



Overall Dimensions and Squareness

D = Overall diagonal dimension

W = Length of cross rods including extensions outside of bearing bars

L = Length of bearing bars

