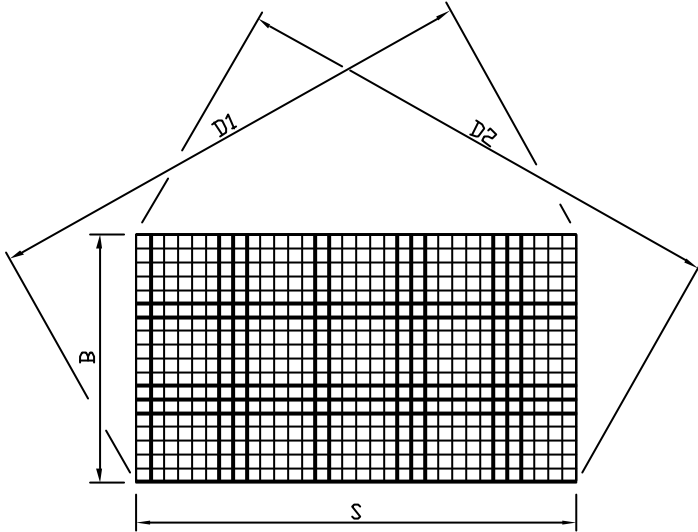


# Tolerances for gratings

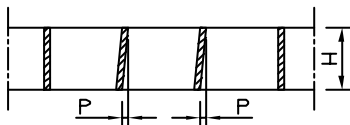
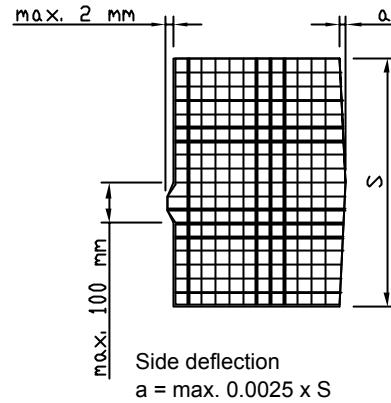
These manufacturing and delivery tolerances are to be observed for the construction of all gratings in accordance with the following dimensioning:

The tolerances occurring under load (deformations) are not included.

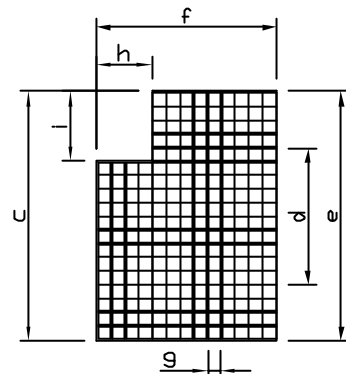


- for bearing bars < 100 mm x 5 mm
- mesh pitches maximum 68 mm and minimum 11 mm
- grating size 2.0 m<sup>2</sup> whereby one side dimension must not be greater than 2000 mm

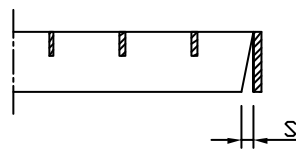
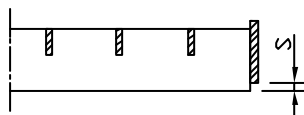
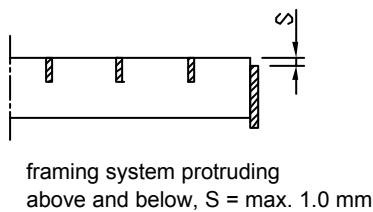
Difference in the measured diagonals  
D1 minus D2 max. 0.01 x S (largest side length)



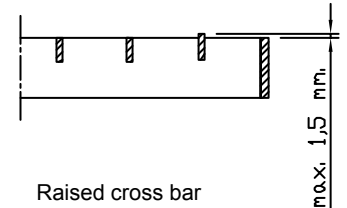
Angular position of the bearing and edge bars  
P max. = 0.1 x H  
However max. 3 mm



c; e; f; = max. +0 mm to -4 mm;  
g = max. +/- 1.5 mm;  
d = max. +/- 4 mm (measured over 10 pitches)  
h; i = + 8 mm - 0



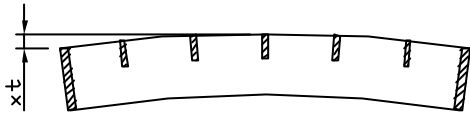
Angular cut of the bearing bar  
S = max 0.1 x H, max. 3 mm



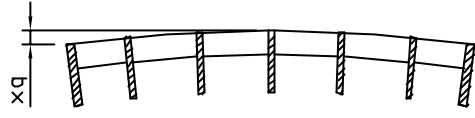
Raised cross bar

## Tolerances for pressure locked gratings

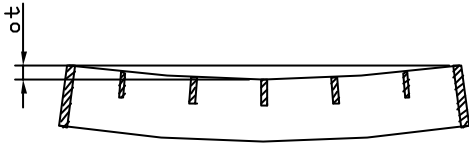
The tolerances occurring under load (deformations) are not included



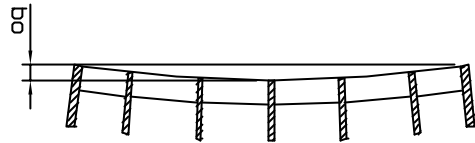
Deviations for convex xt max. = 1/200 of the length for measurements > 600 mm: max. 8mm; measurements smaller than 600 mm: max. 3 mm



Deviations for convex xq max. = 1/200 of the width for measurements >600mm: max. 8mm; measurements smaller than 600mm: max. 3 mm



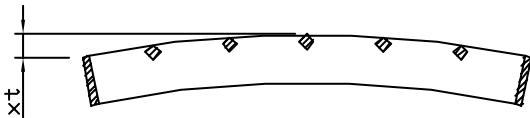
Deviations for concave ot max. = 1/200 of the length for measurements > 600 mm: max. 8mm; measurements smaller than 600 mm: max. 3 mm



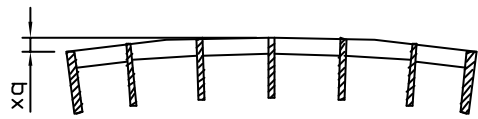
Deviations for concave oq max.= 1/200 of the width measurements > 600 mm: max. 8mm; measurements smaller than 600 mm: max. 3 mm

## Tolerances for welded gratings

The tolerances occurring under load (deformations) are not included



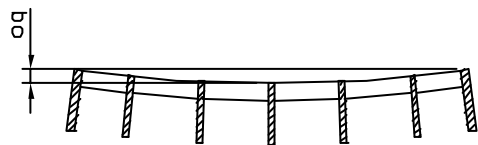
Deviations for convex xt max. = 1/150 of the length for measurements > 450 mm: max. 8mm; measurements smaller than 450 mm: max. 3 mm



Deviations for convex xq max. = 1/150 of the length for measurements >450mm: max. 8mm; measurements smaller than 450mm: max. 3 mm



Deviations for concave ot max. = 1/200 of the length for measurements > 600 mm: max. 8mm; smaller measurements than 600 mm: max. 3 mm



Deviations for concave oq max.=1/200 of the length for measurements >600mm: max. 8mm; measurements smaller than 600mm: max. 3 mm