

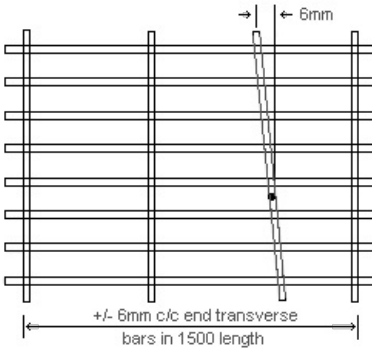
## GRATING - Tolerances

Quality Management System ISO 9001:2015

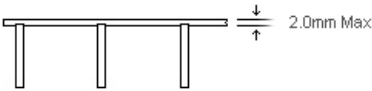
Tolerances and standards for all Mentis gratings are the same as those laid down in the Metal Bar Grating Manual published by the National Association of Architectural Metal Manufacturers in the U.S.A. These are the same tolerances and standards adopted for use by most leading grating manufacturers worldwide.

- Bearer Bar lean  $.6^\circ$
- Length and width =  $\pm 6$ mm.
- Out of square = 10mm.
- Mass, bearer bar and transverse bar dimensions = 10% of catalogue dimensions and closer mass.
- Kickplate Dimensions =  $\pm 10\%$  in width and closer thickness.
- Bearer Bar Thickness: As specified  $\pm 0.4$ mm (for bars up to 10mm)

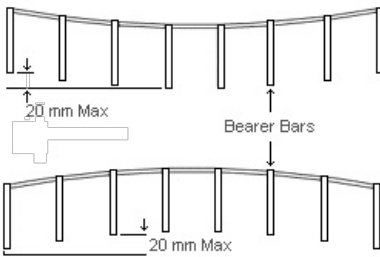
### Transverse Bar Alignment & Spacing



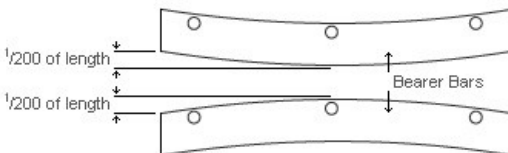
### Transverse Bar Tolerances - Gripweld



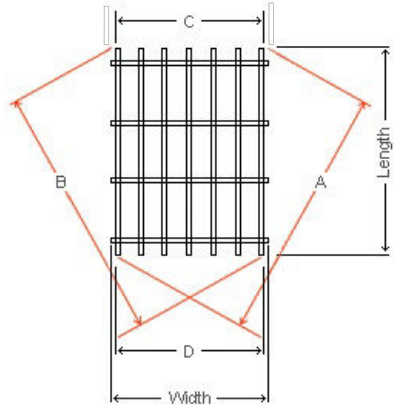
### Transverse Bow



### Longitudinal Bow



### Squareness Tolerances & Dimensions



Length $\pm 6$ mm	B = A $\pm 10$ mm
Width $\pm 6$ mm	C = D $\pm 6$ mm