

**SINGAPORE STANDARD**

**Singapore National Annex to Eurocode 3 :  
Design of steel structures**

– Part 1-8 : Design of joints

Confirmed 2016



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**NA to SS EN 1993-1-8 : 2010 (2016)**

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## NA to SS EN 1993-1-8 : 2010 (2016)

This Singapore Standard was approved by the Building and Construction Standards Committee on behalf of the Standards Council of Singapore on 9 December 2010.

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*Integrated Resource & Services*  
*Maritime Production Research Pte Ltd*  
*National University of Singapore*  
*TTJ Design and Engineering Pte Ltd*  
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## **National Foreword**

This National Annex was prepared by the Technical Committee on Building Structure and Sub-structure under the purview of the Building and Construction Standards Committee.

This standard is an adoption of UK National Annex (NA to BS EN 1993-1-8:2005) to Eurocode 3 : Design of steel structures – Part 1-8 : Design of joints and is implemented with the permission of the British Standards Publishing Ltd.

Acknowledgement is made to BSI for the use of information from the above publication.

This Singapore NA contains information on those parameters which are left open in EN 1993-1-8 for national choice, known as nationally determined parameters. The Singapore NA is to be read in conjunction with the SS EN 1993-1-8 : 2010 – Eurocode 3: Design of steel structures – Part 1-8 : Design of joints.

Where appropriate, users may refer to the guidance and recommendation in the BC 1:2008 'Design Guide on use of alternative steel material to BS 5950' published by the Building and Construction Authority (BCA). Reference should be made to the most current version as this publication is expected to be replaced by subsequent revisions based on the SS EN 1993 series of standards.

At the time of publication, this standard is expected to be used as a reference in the Building and Construction Authority's 'Approved Document – Acceptable Solutions'.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

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1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions.*
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3. *Compliance with a SS or TR does not exempt users from any legal obligations.*

## Singapore National Annex to SS EN 1993-1-8 : 2010 – Eurocode 3: Design of steel structures – Part 1-8 : Design of joints

### NA.1 Scope

This National Annex gives:

- a) the Singapore decisions for the National Determined Parameters a) described in the following subclauses of SS EN 1993-1-8:2010:
  - 1.2.6(Group 6: Rivets)
  - 2.2(2)
  - 3.1.1(3)
  - 3.4.2(1)
  - 5.2.1(2)
  - 6.2.7.2(9)
- b) references to non-contradictory complementary information.