



FIGURE 48 FULLY WELDED SPLICE

The fully welded splice to an I-section comprises:

- full penetration butt welded flanges;
- either complete penetration butt welded web or incomplete penetration butt welded web or fillet welded doubler plates to web.

Web cover plates are generally grade 250 plate and may be of a variety of depths.

Erection plates may be used to align the splice for site welding (as shown in Figure 48).

Fully welded splices may be shop welded or field welded.

Design capacity tables for structural steel
Volume 4: Rigid connections—Open sections

by

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first edition—2009



AUSTRALIAN STEEL INSTITUTE
(ABN)/ACN (94) 000 973 839

**Design capacity tables for structural steel
Volume 4: Rigid connections—Open sections**

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FIRST EDITION 2009 (LIMIT STATES)

National Library of Australia Cataloguing-in-Publication entry:

Hogan, T.J.

Design capacity tables for structural steel. Volume 4: Rigid connections—Open sections

1st ed.

Bibliography.

ISBN 978 1 921476 18 1 (pbk.).

ISBN 978 1 921476 19 8 (pdf.).

This publication originated as part of
Design of structural connections

First edition 1978

Second edition 1981

Third edition 1988

Fourth edition 1994

1. Steel, Structural—Standards – Australia.
2. Steel, Structural—Specifications – Australia.
3. Joints, (Engineering)—Design and construction.
 - I. van der Kreek, N.
 - II. Australian Steel Institute.
 - III. Title

(Series: Structural steel connection series).

Also in this series:

Design Capacity Tables for Structural Steel Volume 3: Simple connections—Open sections

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