

9.1 Bolts

See Ref. [9.1] for information on AS 4100 requirements, bolt types and bolting categories, design capacities of commonly used bolts, minimum edge distances and design details for bolts.

9.2 Welds

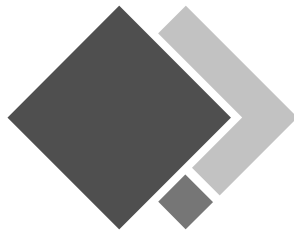
See Ref. [9.1] for information on AS 4100 requirements, weld quality, design of butt welds, design of fillet welds.

9.3 Connection Design

See Ref. [9.2] for information and connection design models for Australian Standards and practice. Ref. [9.2] also notes further quality publications for hollow section connection design.

9.4 References

- [9.1] AISI, “Design Capacity Tables for Structural Steel - Volume 1: Open Sections”, third edition, Australian Institute of Steel Construction, 1999.
- [9.2] Syam, A.A., Chapman, B.G., “Design of Structural Steel Hollow Section Connections – Volume 1: Design Models”, Australian Institute of Steel Construction, 1996.



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CHS - Grade C250/C350 (to AS 1163)

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**NOTE: SEE SECTION 2.1 FOR THE SPECIFIC MATERIAL
STANDARD (AS 1163) REFERRED TO BY THE SECTION TYPE AND
STEEL GRADE IN THIS PUBLICATION**