

The design of bolted or welded connections is beyond the scope of this manual, which is concerned with the design of individual elements. The British Constructional Steelwork Association publishes a book on the design of connections for joints in simple construction which would be useful for anyone with a particular interest in this topic. This and other sources of information relating to steel design are listed in the reference section.

5.14 References

- BS 4 Structural steel sections.
Part 1 1980 Specification for hot-rolled sections.
BS 4360 1990 British Standard Specification for weldable structural steels.
BS 4848 Specification for hot-rolled structural steel sections.
Part 2 1991 Hollow sections.
Part 4 1972 Equal and unequal angles.
BS 5493 1977 Code of practice for protective coating of iron and steel structures against corrosion.
BS 5950 Structural use of steelwork in building.
Part 1 1990 Code of practice for design in simple and continuous construction: hot rolled sections.
Part 2 1985 Specification for materials, fabrication and erection: hot rolled sections.
Steelwork Design Guide to BS 5950: Part 1.
Volume 1 *Section Properties; Member Capacities* (1987).
Volume 2 *Worked Examples* (1986). Steel Construction Institute.
Introduction to Steelwork Design to BS 5950: Part 1. Steel Construction Institute, 1988.
Manual on Connections.
Volume 1 *Joints in Simple Construction Conforming with the Requirements of BS 5950: Part 1: 1985.* John W. Pask. British Constructional Steelwork Association, 1988.
Manual for the Design of Steelwork Building Structures. Institution of Structural Engineers, November 1989.

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Index

- Applied bending moment 14, 16, 177
- Applied compression stress for timber:
 - parallel to grain 50, 52
 - perpendicular to grain 39
- Applied loads 8, 14
- Applied shear stress for timber 38
- Area modification factor for masonry 143
- Areas of round bar reinforcement 81
 - spaced at various centres per metre width 106
- Axially loaded steel columns 209
 - with moments 209
 - with nominal moments 216
- Beams:
 - castellated steel 206
 - compound steel 206
 - concrete 79
 - deep concrete 79
 - design charts for concrete 82
 - design formulae for concrete 82, 83, 84
 - design summary for concrete 103
 - design summary for steel 200
 - doubly reinforced concrete 84
 - effective span of concrete 79
 - fabricated steel 206
 - flanged concrete 84, 85
 - glued laminated timber/glulam 49
 - laterally restrained steel 176
 - laterally unrestrained steel 181
 - ply web 49
 - plywood box 49
 - proprietary timber 49
 - simply supported 14
 - singly reinforced concrete 82
 - slender concrete 80
 - steel 170
 - timber 34
 - universal steel 166, 170
- Bearing of timber 39
- Bearing stress 39
- Bending deflection of timber 37
- Bending moment diagram 14
- Bending moments 14
- Bending strength of steel 182
- Bending stress 16
- Bending ultimate limit state 69, 82, 108, 170, 175, 176, 181
- Bent-up bars 94, 97
- Blocks 134
- Bottom edge notches 38
- Bow 49
- Braced concrete columns 113
- Bricks 133
- Bridge design 67
- British Standards 1, 2, 3
- British Standards Institution 3
- Brittle failure of steel 167
- Buckling 22, 23, 24
- Buckling resistance 165
- Buckling resistance moment 181, 182, 191
- Building elements 1
- Building Regulations 3
- Capacity reduction factor for slenderness 150
- Cased steel columns 222
- Castellated steel beams 206
- Cavity wall 132
- Cellular blocks 135