

Sup. by 4360:1968.

BRITISH STANDARD 15:1961

[UDC 669.14 : 624 : 693.8]

+ PD 5183
+ PD 5572

**SPECIFICATION FOR
MILD STEEL FOR
GENERAL STRUCTURAL
PURPOSES**



BRITISH STANDARDS INSTITUTION

Amendment No. 1 published 19 March, 1964

to B.S. 15 : 1961

Mild steel for general structural purposes**Revision****Clause 1. Scope. Delete and insert:**

'This British Standard applies to structural mild steel plates, sections and bars where a specified yield stress is required. The standard includes requirements for hot-rolled structural steel sections to B.S. 4, Parts 1 and 2, except for hollow sections formed from plate and subsequently welded; these latter sections are covered only in regard to the plate material from which they are formed'.

Clause 5. Margin over and under dimensions and weights. Delete the text of this clause and Tables 2 and 4, and insert the following:

'5a. *Structural sections.* The margin over and under dimensions and weights shall comply with the requirements of B.S. 4*.

b. Plates, flat bars, round and square bars.

(i) '*Specified*' lengths. When steel in the form of bars is specified to be cut to certain lengths it shall be cut within a margin of 1 in (25.4 mm) under and 1 in over the specified length, but if minimum lengths are specified the margin shall be 2 in (50.8 mm) over.

(ii) '*Exact*' lengths. If lengths are specified to be 'exact', the bars shall be cold sawn or machined with a margin of $\frac{1}{8}$ in (3.18 mm) over and $\frac{1}{8}$ in in under the length specified.

(iii) *Weights.* If the specified weight is not stated to be either a maximum or a minimum, the rolling margins shall be as shown in Table 2.

If a minimum weight is specified, the rolling margin shall be wholly over such specified weight and if a maximum weight is specified the rolling margin shall be wholly under such specified weight. In both cases the rolling margin shall be equal to the total rolling margin given in the tables for the appropriate thickness, or diameter, of the material.

* B.S. 4, 'Structural steel sections.'