

Steel plate, sheet and strip —

Part 1: Carbon and carbon-manganese plate, sheet and strip —

Section 1.1 General specification

Confirmed
January 2010

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Iron and Steel Standards Policy Committee (ISM/-) to Technical Committee ISM/10, upon which the following bodies were represented:

- British Railways Board
- British Steel Industry
- Cold Rolled Sections Association
- Society of Motor Manufacturers and Traders Limited

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- British Welded Steel Tube Association
- Institution of Mechanical Engineers
- National Association of Steel Stockholders

This British Standard, having been prepared under the direction of the Iron and Steel Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 31 October 1991

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The following BSI references relate to the work on this standard:
Committee reference ISM/10
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Foreword

This Section of BS 1449 has been prepared under the direction of the Iron and Steel Standards Policy Committee and is a new edition of section one of BS 1449-1:1983. This Section of BS 1449, together with BS 1449-1.2 to 1.15 and BS EN 10130, supersedes BS 1449-1:1983 which is withdrawn.

When EN 10130 “Cold rolled low carbon steel flat products for cold forming — Technical delivery conditions” became available, it was a requirement that it should be published as a British Standard and any conflicting national standards withdrawn. This meant that the requirements for cold rolled wide strip specified in section two of BS 1449-1:1983 had to be deleted with the exception of the requirements for sheets for vitreous enamelling.

In view of the fact that there was other European work in hand which would also affect BS 1449-1, the Technical Committee responsible considered that BS 1449-1 should be split into a number of separately published Sections, mirroring as far as possible European work in hand or projected. In this way, when the equivalent European Standard becomes available and is published as a British Standard, the appropriate Section of BS 1449-1 will be withdrawn.

In Europe the practice is to prepare separate standards for hot rolled and cold rolled products and also for wide strip and narrow strip. Tolerance standards are also prepared as separate publications. Consequently BS 1449-1:1983 has been split into 15 separately published Sections as listed below. The related draft European Standard, prEN, or Euronorm, EU, is indicated.

- Section 1.1, *General specification.*
- Section 1.2, *Specification for hot rolled wide steel plate, sheet and wide strip based on formability.* (Related to EU 111)
- Section 1.3, *Specification for cold rolled steel plate, sheet and wide strip for vitreous enamelling based on formability.* (Related to prEN 10209)
- Section 1.4, *Specification for hot rolled wide material based on specified minimum strength.* (Related to EU 149)
- Section 1.5, *Specification for cold rolled wide material based on specified minimum strength.* (Related to EU 149)
- Section 1.6, *Specification for tolerances on dimensions and shape for hot rolled wide material.* (Related to prEN 10051)
- Section 1.7, *Specification for tolerances on dimensions and shape for cold rolled wide material.* (Related to prEN 10131)
- Section 1.8, *Specification for hot rolled narrow strip based on formability.* (Related to EU 46)
- Section 1.9, *Specification for cold rolled narrow strip based on formability.* (Related to EU 139)
- Section 1.10, *Specification for hot rolled narrow strip based on specified minimum strength.* (Related to EU 149)
- Section 1.11, *Specification for cold rolled narrow strip based on specified minimum strength.* (Related to EU 149)
- Section 1.12, *Specification for tolerances on dimensions and shape for hot rolled narrow strip.* (Related to EU 48)
- Section 1.13, *Specification for tolerances on dimensions and shape for cold rolled narrow strip.* (Related to EU 140)
- Section 1.14, *Specification for hot rolled narrow strip supplied in a range of conditions for heat treatment and general engineering purposes.*
- Section 1.15, *Specification for cold rolled narrow strip supplied in a range of conditions for heat treatment and general engineering purposes.*

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

