

Definition and classification of grades of steel

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British Standard

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National foreword

This British Standard has been prepared under the direction of the Iron and Steel Standards Policy Committee and is the English language version of EN 10020, “*Definition and classification of grades of steel*”, published by the European Committee for Standardization (CEN).

This British Standard is a new edition of BS 6562-3:1990 (EN 10020:1988) and corrects a number of errors and incorporates the CEN corrigendum which became effective on 20 March 1991. The opportunity has been taken to renumber the standard BS EN 10020:1991 in accordance with current BSI policy. BS 6562-3:1990 is therefore withdrawn.

Corresponding British Standards to Euronorms and ISO standards referenced in the text for normative purposes are listed in National appendix NB. In the Annexes to this standard further Euronorms and ISO standards are referenced for information purposes and any corresponding British Standards can be found from the BSI Catalogue.

Textual error. When adopting the text of the European Standard, the following textual error was discovered. It has been marked in the text and has been reported to ECISS/TC6a in a proposal to amend the text of the European Standard.

In Annex A against the heading “4 Steels with specified magnetic or electrical properties”, in the fourth column “Quality steels”, “< 9 S m/mm²” should be “≤ 9 S m/mm².”

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 14, 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.

Key words: Iron and steel products; steels; alloy steels; unalloyed steels; grades; quality; definitions; classifications; chemical composition; quality classes;

English version

Definition and classification of grades of steel

Définition et classification des nuances d'acier Begriffsbestimmung für die Einteilung der
Stähle

This European Standard was accepted by CEN on 5 November 1988. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

This European Standard was prepared by the Technical Committee ECISS/TC 6a “Definitions and classification of grades of steel”, the Secretariat of which is allocated to the Association Française de Normalisation (AFNOR).

It has been submitted to the CEN Formal vote following the decision of the Coordinating Commission (COCOR) of the European Committee for Iron and Steel Standardization in November 1987.

It has been adopted and ratified by CEN BT on 1988-11-05.

According to the common CEN/CENELEC rules, the following countries are bound to implement this European Standard:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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