

Second edition  
2021-04

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## Structural steels —

### Part 3: Technical delivery conditions for fine- grain structural steels

*Aciers de construction —*

*Partie 3: Conditions techniques de livraison pour aciers de  
construction à grains fins*



Reference number  
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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 17, Steel, Subcommittee SC 3, Steel for structural purposes.

This second edition cancels and replaces the first edition (ISO 630-3:2012), which has been technically revised. The main changes compared to the previous edition are as follows:

- grades S390N, S390M, S500M and pertaining requirements have been added;
- applicable thickness ranges have been added in the scope;
- additional terms and definitions concerning heat treatments have been deleted because ISO 4885 is in normative references of ISO 630-1;
- quality E has been renamed L (impact testing at -50 °C) to keep quality E for impact testing at -40 °C in all parts;
- quality E (impact testing at -40 °C) has been added
- quality F (impact testing at -60 °C) has been added to S355N and S355M;
- list of options has been integrated in ISO 630-1;
- the formula for CEV has been deleted because given in ISO 630-1;
- test units have been updated;
- in Tables, the designation concerning thickness have been changed into “nominal thickness”;
- order of listing chemical elements has been updated for grades of [Annex A](#) in accordance with ISO 6306;
- bibliography has been updated;
- the content of the document has been updated to harmonize with all parts of ISO 630.

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