

Second edition
2021-04

Structural steels —

Part 4:

Technical delivery conditions for high yield strength quenched and tempered structural steel plates and wide flats



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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).

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This document was prepared by Technical Committee ISO/TC 17, *Steels*, Subcommittee SC 3, *Steels for construction purposes*.

This second edition cancels and replaces the first edition (ISO 630-4:2012), which has been technically revised. The main changes compared to the previous edition are as follows:

- modification of the title to integrate wide flats;
- integration of wide flats in the text;
- applicable thickness ranges have been added in the scope;
- extension of applicable thicknesses for S890Q and S960Q;
- addition of quality F for grade S960Q;
- additional terms and definitions concerning heat treatments have been deleted because ISO 4885 is in normative references of ISO 630-1;
- list of options has been updated as part 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;
- the content of the document has been updated to harmonize with all parts of ISO 630.

A list of all parts in the ISO 630 series can be found on the ISO website.

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