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Technical product documentation — Heat-treated ferrous parts — Presentation and indications

Documentation technique de produits — Produits ferreux traités thermiquement — Présentation et indications



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Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Terms, definitions and abbreviations.....	1
4 Indications in drawings.....	2
4.1 General.....	2
4.2 Material data.....	2
4.3 Heat-treatment condition.....	2
4.4 Hardness data.....	2
4.5 Marking of measuring points.....	3
4.6 Hardness depth.....	3
4.7 Carburization depth (CD).....	3
4.8 Compound layer thickness (CLT).....	4
4.9 Strength data.....	4
4.10 Microstructure.....	4
5 Graphical representation	4
5.1 General.....	4
5.2 Heat-treatment of the entire part.....	4
5.3 Local heat-treatment	5
5.4 Drawings providing specific indication of heat treatment.....	5
6 Practical examples	6
6.1 General.....	6
6.2 Quench hardening, quench hardening and tempering, austempering.....	6
6.3 Surface hardening	8
6.4 Surface fusion hardening	14
6.5 Case hardening.....	16
6.6 Nitriding and nitrocarburizing.....	21
6.7 Annealing	24
Annex A (informative) Tables.....	25

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 15787 was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, Subcommittee SC 6, *Mechanical engineering documentation*.

Annex A of this International Standard is for information only.

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Technical product documentation — Heat-treated ferrous parts — Presentation and indications

1 Scope

This International Standard specifies the manner of presenting and indicating the final condition of heat-treated ferrous parts in technical drawings.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 128-24:1999, *Technical drawings — General principles of presentation — Part 24: Lines on mechanical engineering drawings*

ISO 2639—¹⁾, *Steels — Determination and verification of the depth of carburized and hardened cases*

ISO 4885, *Ferrous products — Heat treatments — Vocabulary*

ISO 6506-1, *Metallic materials — Brinell hardness test — Part 1: Test method*

ISO 6507-1, *Metallic materials — Vickers hardness test — Part 1: Test method*

ISO 6508-1:1999, *Metallic materials — Rockwell hardness test — Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T)*

3 Terms, definitions and abbreviations

For the purposes of this International Standard, the terms and definitions given in ISO 4855 and the following abbreviations/symbols apply.

CHD	Case hardening depth
CD	Carburization depth
CLT	Compound layer thickness
FHD	Fusion hardness depth

1) To be published. (Revision of ISO 2639:1982)