

This is a preview of "ISO 6305-2:2007". [Click here to purchase the full version from the ANSI store.](#)

Second edition
2007-02-15

Railway components — Technical delivery requirements —

Part 2: Non-alloy carbon steel baseplates

*Éléments constitutifs de la voie ferrée — Spécifications techniques de
livraison —*

Partie 2: Selles en acier au carbone non allié



Reference number
ISO 6305-2:2007(E)

© ISO 2007

This is a preview of "ISO 6305-2:2007". [Click here to purchase the full version from the ANSI store.](#)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

This is a preview of "ISO 6305-2:2007". [Click here to purchase the full version from the ANSI store.](#)

Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 General requirements	1
3.1 Steelmaking process	1
3.2 Manufacture of baseplates	2
3.3 Freedom from defects	2
3.4 Drawings and working gauges	2
3.5 Finishing	2
3.6 Flatness	3
4 Technical requirements	3
4.1 Tensile properties	3
4.2 Properties of bend test	3
4.3 Dimensional tolerances	3
5 Acceptance testing	4
5.1 General	4
5.2 Number of tests	4
5.3 Dimensions and finish	5
5.4 Sampling for mechanical test	5
5.5 Dimensional checks	5
6 Test methods	5
6.1 Tensile test	5
6.2 Bend test	6
6.3 Retest	6
6.4 Interpretation of dimensional inspection	6
6.5 Alternative to dimensional inspection by selection from batches — Quality control cards	6
7 Marking	7
8 Information to be supplied by the purchaser	7
Annex A (normative) Checking of dimensions and tolerances	8
Annex B (normative) Progressive sampling plan — Wald method	10
Annex C (normative) Progressive sampling plan for inspection of resubmitted batches	12

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 2.

The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 6305-2 was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 15, *Railway rails and their fasteners*.

This second edition cancels and replaces the first edition (ISO 6305-2:1983), which has been editorially revised.

ISO 6305 consists of the following parts, under the general title *Railway components — Technical delivery requirements*:

- *Part 1: Rolled steel fishplates*
- *Part 2: Non-alloy carbon steel baseplates*
- *Part 3: Steel sleepers*
- *Part 4: Untreated steel nuts and bolts and high-strength nuts and bolts for fishplates and fastenings*

Part 1 of ISO 6305 was withdrawn by systematic review in 2002.