

This is a preview of "ISO 13887:2011". [Click here to purchase the full version from the ANSI store.](#)

Third edition
2011-11-15

Cold-reduced steel sheet of higher yield strength with improved formability

Tôles laminées à froid en acier à limite d'élasticité et aptitude au formage accrues



Reference number
ISO 13887:2011(E)

© ISO 2011

This is a preview of "ISO 13887:2011". [Click here to purchase the full version from the ANSI store.](#)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2011

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 13887:2011". [Click here to purchase the full version from the ANSI store.](#)

Contents

Page

| | |
|--|----|
| Foreword | iv |
| Introduction | v |
| 1 Scope | 1 |
| 2 Normative references | 1 |
| 3 Terms and definitions | 1 |
| 4 Conditions of manufacture | 1 |
| 4.1 Steelmaking | 1 |
| 4.2 Chemical composition | 2 |
| 4.3 Chemical analysis | 2 |
| 4.4 Weldability | 3 |
| 4.5 Application | 3 |
| 4.6 Mechanical properties | 3 |
| 4.7 Surface condition | 4 |
| 4.8 Surface finish | 4 |
| 4.9 Oiling | 4 |
| 5 Dimensional and shape tolerances | 4 |
| 6 Sampling | 4 |
| 6.1 Chemical composition | 4 |
| 6.2 Tensile test | 4 |
| 7 Mechanical property tests — Tensile test | 4 |
| 8 Retests | 4 |
| 8.1 Machining and flaws | 4 |
| 8.2 Additional tests | 5 |
| 9 Resubmission | 5 |
| 10 Workmanship | 5 |
| 11 Inspection and acceptance | 5 |
| 12 Coil size | 5 |
| 13 Marking | 5 |
| 14 Information to be supplied by the purchaser | 6 |
| Bibliography | 7 |

This is a preview of "ISO 13887:2011". [Click here to purchase the full version from the ANSI store.](#)

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 13887 was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 12, *Continuous mill flat rolled products*.

This third edition cancels and replaces the second edition (ISO 13887:2004), which has been technically revised.

This is a preview of "ISO 13887:2011". [Click here to purchase the full version from the ANSI store.](#)

Introduction

With the combination of higher strength and improved formability derived from the tests outlined in this International Standard, it is possible to obtain savings in mass along with better weldability.

The last two standards listed in the Bibliography may be reviewed for comparison with this International Standard. The relationship between the standards might only be approximate; therefore, the respective standards should be consulted for actual requirements. Those who use these documents will need to determine which specifications address their needs.