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**Steel flat products for pressure  
purposes — Technical delivery  
conditions —**

**Part 7:  
Stainless steels**

*Produits plats en acier pour service sous pression — Conditions  
techniques de livraison —*

*Partie 7: Aciers inoxydables*



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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](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

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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.

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 9328-7 was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 10, *Steel for pressure purposes*.

This second edition cancels and replaces the first edition (ISO 9328-7:2004), which has been technically revised.

ISO 9328 consists of the following parts, under the general title *Steel flat products for pressure purposes — Technical delivery conditions*:

- *Part 1: General requirements*
- *Part 2: Non-alloy and alloy steels with specified elevated temperature properties*
- *Part 3: Weldable fine grain steels, normalized*
- *Part 4: Nickel-alloy steels with specified low temperature properties*
- *Part 5: Weldable fine grain steels, thermomechanically rolled*
- *Part 6: Weldable fine grain steels, quenched and tempered*
- *Part 7: Stainless steels*

The clauses marked by two points (••) contain information relating to agreements that may be made at the time of enquiry and order.

# Steel flat products for pressure purposes — Technical delivery conditions —

## Part 7: Stainless steels

### 1 Scope

This part of ISO 9328 specifies requirements for flat products for pressure purposes made of stainless steels, including austenitic creep-resisting steels, in thicknesses as indicated in Tables 7 to 10.

Additionally the requirements of ISO 9328-1 also apply.

### 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

ISO 643:2003, *Steels — Micrographic determination of the apparent grain size*

ISO 3651-2:1998, *Determination of resistance to intergranular corrosion of stainless steels — Part 2: Ferritic, austenitic and ferritic-austenitic (duplex) stainless steels — Corrosion test in media containing sulfuric acid*

ISO 9328-1:2011, *Steel flat products for pressure purposes — Technical delivery conditions — Part 1: General requirements*

ISO 10474:1991, *Steel and steel products — Inspection documents*

ISO 18286, *Hot-rolled stainless steel plates — Tolerances on dimensions and shape*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 9328-1 and the following apply.

#### 3.1

##### **cryogenic temperature**

temperature lower than  $-75\text{ }^{\circ}\text{C}$  used in the liquefaction of gases

### 4 Classification and designation

See ISO 9328-1.

**NOTE** Information on the designation of comparable steel grades in national or regional standards is given in Annex A.