



JAPANESE
INDUSTRIAL
STANDARD

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JIS H 4551 : 2000

Nickel and nickel alloy plate,
sheet and strip

ICS 77.150.40

Descriptors : copper alloys, nickel, nickel alloys, rolling, sheet materials, strips

Reference number : JIS H 4551 : 2000 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently, **JIS H 4551 : 1991** is replaced with **JIS H 4551 : 2000**.

In order to make it easy the comparison between Japanese Industrial Standard and International standards, the preparation of Japanese Industrial Standards which are in conformity with International Standard, and the proposal of a draft for the International Standard based on the Japanese Industrial Standard, both standards **ISO 6208 : 1992, Nickel and nickel alloy plate, sheet and strip**, and **ISO 9722 : 1992, Nickel and nickel alloys—Composition and forms of wrought products** have been employed for the basis of this revision.

Being in conformance with this Standard may come under the use of the following patent right:

Denomination of invention	Corrosion resistant nickel alloy
Available time limit	2001-06-26

Besides, this description does not affect to any extent the validity, the scope and the like of the above patent right.

The holder of this patent right gives guarantee to the Japanese Industrial Standards Committee with respect to his willingness to permit anyone to exercise the relevant patent right under the nondiscriminatory and reasonable conditions.

There is a possibility that a part of this Standard conflicts with a patent right, application for a patent after opened, utility model right or application for registration of utility model after opening to the public which have other technical properties than those above-mentioned. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the technical properties of this kind.

Date of Establishment: 1977-05-01

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Investigated by: Japanese Industrial Standards Committee
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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Nickel and nickel alloy plate, sheet and strip

Introduction This Japanese Industrial Standard has been prepared on the basis of the first edition of **ISO 6208** *Nickel and nickel alloy plate, sheet and strip*, published in 1992; and **ISO 9722** *Nickel and nickel alloys—Composition and forms of wrought products*, published in 1922, without any modification in the technical contents which are corresponding to each other, however the items such as dimensions and tolerances, which are not specified in the corresponding International Standards, are supplemented in Annex.

In this Standard, the portions with sidelines or dotted underlines are the items not specified in the corresponding International Standards.

1 Scope This Japanese Industrial Standard specifies rolled nickel and nickel alloy plate, sheet, and strip.

- Remarks
- 1 Plate means the rolled flat product, measuring more than 4 mm in thickness, prepared by hot rolling or cold rolling.
 - 2 Sheet means the rolled flat product, measuring 4 mm or less in thickness, prepared by hot rolling or cold rolling.
 - 3 Strip means the sheet, with 4 mm or less thickness prepared by hot rolling or cold rolling, which is wound in coil-form, and includes a cold-rolled strip which was cut to make specified length.
 - 4 The International Standards corresponding to this Standard are as follows.

ISO 6208 : 1992 *Nickel and nickel alloy plate, sheet and strip*

ISO 9722 : 1992 *Nickel and nickel alloys—Composition and forms of wrought products*

Informative reference : The products, which have not been specified in this Standard but have been specified in the corresponding International Standards, are specified in the following standards.

At present, **JIS G 7605** is under the procedures for establishment, therefore it is not established yet as a standard, but because it is scheduled to be established in the near future, it has been mentioned here.

JIS G 4902 *Corrosion-resisting and heat-resisting super-alloy plates and sheets*

JIS G 7605 *Nickel and nickel alloy plate, sheet and rolled strip*

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards indicated below shall be applied.

JIS H 0321 *General rules for inspection of non-ferrous metal materials*