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Titanium and titanium alloys — Sheets, plates and strips

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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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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by the Japan Titanium Society (JTS)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS H 4600**:2007 is replaced with this Standard.

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Titanium and titanium alloys — Sheets, plates and strips

1 Scope

This Japanese Industrial Standard specifies the sheets and plates (hereafter referred to as "sheets") and strips (hereafter referred to as "strips") of titanium and titanium alloys.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

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

JIS H 1610 *Titanium and titanium alloys — Sampling methods*

JIS H 1612 *Methods for determination of nitrogen in titanium and titanium alloys*

JIS H 1614 *Methods for determination of iron in titanium and titanium alloys*

JIS H 1617 *Methods for determination of carbon in titanium and titanium alloys*

JIS H 1619 *Titanium and titanium alloys — Determination of hydrogen content*

JIS H 1620 *Methods for determination of oxygen in titanium and titanium alloys*

JIS H 1621 *Methods for determination of palladium in titanium alloys*

JIS H 1622 *Titanium alloys — Methods for determination of aluminium*

JIS H 1624 *Titanium alloys — Method for determination of vanadium*

JIS H 1625 *Titanium alloy — Method for determination of lanthanum, cerium, praseodymium and neodymium*

JIS H 1626 *Titanium alloys — Methods for determination of sulfur*

JIS H 1630 *Method for atomic emission spectrometric analysis of titanium*

JIS H 1631 *Titanium alloys — Method for X-ray fluorescence spectrometric analysis*

JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room temperature*

JIS Z 2248 *Metallic materials — Bend test*

3 Terms and definitions

For the purposes of this Standard, the following terms and definitions apply.

3.1 sheet

rolled materials with rectangular section, which are generally straight-shaped sheets that are obtained by slitting, shearing or sawing