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**Heat-resistant steel plate, sheet and strip**

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In the event of any doubts arising as to the contents,  
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## Foreword

This Japanese Industrial Standard has been 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 Japan Stainless Steel Association (JSSA)/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 G 4312:2011** is replaced with this Standard.

However, **JIS G 4312:2011** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until March 19, 2020.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

# Heat-resistant steel plate, sheet and strip

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 4955** : 2016, Edition 4, with some modifications of the technical contents.

The vertical lines on both sides indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

## 1 Scope

This Standard specifies heat-resistant steel plate and sheet (hereafter referred to as sheets) and heat-resistant steel strip (hereafter referred to as strips).

**NOTE** The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 4955 : 2016 *Heat-resistant steels* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

## 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 G 0320 *Standard test method for heat analysis of steel products*

JIS G 0321 *Product analysis and its tolerance for wrought steel*

JIS G 0404 *Steel and steel products — General technical delivery requirements*

JIS G 0415 *Steel and steel products — Inspection documents*

JIS G 0567 *Method of elevated temperature tensile test for steels and heat-resisting alloys*

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

JIS Z 2243-1 *Brinell hardness test — Part 1 : Test method*

JIS Z 2244 *Vickers hardness test — Test method*

JIS Z 2245 *Rockwell hardness test — Test method*

JIS Z 2248 *Metallic materials — Bend test*

JIS Z 8401 *Guide to the rounding of numbers*