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**Aluminium and aluminium alloy extruded
profiles**

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In the event of any doubts arising as to the contents,
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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 Japan Aluminium Association (JAA)/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 4100:2006** is replaced with this Standard.

However, **JIS H 4100: 2006** 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 November 19, 2016.

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Aluminium and aluminium alloy extruded profiles

Introduction

This Standard has been prepared based on the first edition of **ISO 209** published in 2007, the second edition of **ISO 6362-1** published in 2012, the fourth edition of **ISO 6362-2** published in 2014, the second edition of **ISO 6362-4** published in 2012, and the second edition of **ISO 6362-7** published in 2014 with some modifications of the technical contents.

The portions given sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies the extruded aluminium and aluminium alloy profiles (hereafter referred to as “profiles”). This Standard applies to all cross-sections not specified in JIS H 4000, JIS H 4040 and JIS H 4080.

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

ISO 209 : 2007 *Aluminium and aluminium alloys — Chemical composition*

ISO 6362-1 : 2012 *Wrought aluminium and aluminium alloys — Extruded rods/bars, tubes and profiles — Part 1 : Technical conditions for inspection and delivery*

ISO 6362-2 : 2014 *Wrought aluminium and aluminium alloys — Extruded rods/bars, tubes and profiles — Part 2 : Mechanical properties*

ISO 6362-4 : 2012 *Wrought aluminium and aluminium alloys — Extruded rods/bars, tubes and profiles — Part 4 : Profiles — Tolerances on shape and dimensions*

ISO 6362-7 : 2014 *Wrought aluminium and aluminium alloys — Extruded rods/bars, tubes and profiles — Part 7 : Chemical composition (overall evaluation : 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.