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(JAA/JSA)

Aluminium and aluminium alloy extruded tubes and cold-drawn tubes

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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 Aluminium Association (JAA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS H 4080** : 2015), which has been technically revised.

However, **JIS H 4080** : 2015 may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 19 December 2024.

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

Aluminium and aluminium alloy extruded tubes and cold-drawn tubes

Introduction

This Japanese Industrial Standard has been prepared based on ISO 209 : 2007, Edition 1, ISO 6362-1 : 2022, Edition 3, ISO 6362-2 : 2022, Edition 5, ISO 6362-6 : 2012, Edition 1, ISO 6362-7 : 2022, Edition 3, ISO 6363-1 : 2022, Edition 3, ISO 6363-2 : 2022, Edition 3 and ISO 6363-6 : 2022, Edition 2 with some modifications of the technical contents to reflect the actual market situations in Japan.

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

1 Scope

This Standard specifies requirements for the extruded and cold-drawn aluminium and aluminium alloy seamless tubes (hereafter referred to as tubes). This Standard is applicable only to tubes of round cross-section. It does not apply to welded joint tubes.

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 : 2022 *Wrought aluminium and aluminium alloys — Extruded rods/bars, tubes and profiles — Part 1 : Technical conditions for inspection and delivery*

ISO 6362-2 : 2022 *Wrought aluminium and aluminium alloys — Extruded rods/bars, tubes and profiles — Part 2 : Mechanical properties*

ISO 6362-6 : 2012 *Wrought aluminium and aluminium alloys — Extruded rods/bars, tubes and profiles — Part 6 : Round, square, rectangular and hexagonal tubes — Tolerances on shape and dimensions*

ISO 6362-7 : 2022 *Wrought aluminium and aluminium alloys — Extruded rods/bars, tubes and profiles — Part 7 : Chemical composition*

ISO 6363-1 : 2022 *Wrought aluminium and aluminium alloys — Cold-drawn rods/bars, tubes and wires — Part 1 : Technical conditions for inspection and delivery*

ISO 6363-2 : 2022 *Wrought aluminium and aluminium alloys — Cold-drawn rods/bars, tubes and wires — Part 2 : Mechanical properties*

ISO 6363-6 : 2022 *Wrought aluminium and aluminium alloys — Cold-drawn rods/bars, tubes and wires — Part 6 : Tolerances on form and dimensions for drawn round tubes* (overall evaluation : MOD)

In addition, symbols which denote the degree of correspondence in the