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Steel bars for concrete reinforcement

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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 based on the provision of Article 14, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act in response to a proposal for revision of Japanese Industrial Standard with a draft being attached, submitted by The Japan Iron and Steel Federation (JISF), an accredited standards development organization. This edition replaces the previous edition (**JIS G 3112 : 2020**), which has been technically revised.

However, **JIS G 3112 : 2020** 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 20 April 2026.

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Steel bars for concrete reinforcement

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 6935-1** : 2007, Edition 2, and **ISO 6935-2** : 2019, Edition 4, with some modifications of the technical contents.

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

1 Scope

This Standard specifies requirements for round steel bars ¹⁾ and deformed steel bars ¹⁾ manufactured by hot rolling to be used as reinforcement in concrete. This Standard does not apply to rerolled steel bars for concrete reinforcement specified in JIS G 3117.

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

ISO 6935-1 : 2007 *Steel for the reinforcement of concrete — Part 1: Plain bars*

ISO 6935-2 : 2019 *Steel for the reinforcement of concrete — Part 2: Ribbed bars* (Overall evaluation: MOD)

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

Note ¹⁾ Including those in coil form.

2 Normative references

Part or all of the provisions of the following standards, 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 0201 *Glossary of terms used in iron and steel (Heat treatment)*

JIS G 0202 *Glossary of terms used in iron and steel (Testing)*

JIS G 0203 *Glossary of terms used in iron and steel (Products and quality)*

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

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

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

JIS G 0416 *Steel and steel products — Location and preparation of samples and*