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**Rerolled steel bars for concrete
reinforcement**

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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 3117 : 2020**), which has been technically revised.

However, **JIS G 3117 : 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 19 December 2023.

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Rerolled steel bars for concrete reinforcement

1 Scope

This Japanese Industrial Standard specifies requirements for the rerolled steel bars manufactured by hot-rolling that are intended for concrete reinforcement. Rerolled steel bars are classified into rerolled plain steel bars and rerolled deformed steel bars.

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 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 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 3191 *Dimensions, mass, shape and permissible variations of hot rolled steel bars and bar in coil*
- JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room temperature*
- JIS Z 2248 *Metallic materials — Bend test*
- JIS Z 8401 *Rounding of numbers*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given in JIS G 0202 and JIS G 0203 apply.

3.1

steel bar

product manufactured by hot-rolling steel into a bar

Note 1 to entry This Standard classifies steel bars into plain steel bars (3.2) and deformed steel bars according to the sectional shape.

Note 2 to entry Steel bars include bars in coil (3.3).

3.2

plain steel bar

steel bar (3.1) having a circular cross-section