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**Dimensions, mass, shape and
permissible variations of hot rolled steel
bars and bar in coil**

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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 3191** : 2012), which has been technically revised.

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Dimensions, mass, shape and permissible variations of hot rolled steel bars and bar in coil

1 Scope

This Japanese Industrial Standard specifies requirements for appearance, shape, dimensions, mass and tolerances thereof of steel bars which are manufactured by hot rolling.

The application of this Standard is designated in respective product standards.

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

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 0203 apply.

3.1

steel bars

steel products prepared by hot rolling steels into bar form

Note 1 to entry Steel bars are manufactured with a round (3.2), square (3.3) or hexagonal (3.4) cross-section.

Note 2 to entry Steel bars include bars in coil (3.5).

3.2

round bars

steel bar (3.1) having a circular cross-section

3.3

square bars

steel bars (3.1) having a square cross-section

Note 1 to entry Square bars include those rounded at the corner of the cross section.

3.4

hexagonal bars