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**Rolled carbon steel for cold-finished steel  
bars**

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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 The Japan Iron and Steel Federation (JISF) 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 G 3108:2004**), which has been technically revised.

However, **JIS G 3108: 2004** 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 21 February 2022.

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## Rolled carbon steel for cold-finished steel bars

### 1 Scope

This Japanese Industrial Standard specifies requirements for the hot-rolled carbon steel for cold-finished steel bars (hereafter referred to as steel products). The steel products covered by this Standard are either in the shape of bars or flats.

### 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 3191 *Dimensions, mass and permissible variations of hot rolled steel bars and bar in coil*
- JIS G 3194 *Dimensions, shape, mass and permissible variations of hot rolled flat steel*
- JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room temperature*

### 3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given in JIS G 0201, JIS G 0202 and JIS G 0203 apply.

#### 3.1

##### steel bar

steel product manufactured by hot-rolling steel into a bar

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

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

#### 3.2

##### round bar