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**Rerolled steel bars for concrete
reinforcement**

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Foreword

This translation has been made based on the original Japanese Industrial Standard 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 the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS G 3117:1987** is replaced with this Standard.

However, **JIS G 3117:1987** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until October 19, 2018.

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Rerolled steel bars for concrete reinforcement

1 Scope

This Japanese Industrial Standard specifies the rerolled steel bars¹⁾ manufactured by hot-rolling, that are intended for concrete reinforcement. Rerolled steel bars specified in this Standard are either plain steel bars or deformed steel bars.

Note ¹⁾ Including those in coil form.

2 Normative references

The following standards contain provisions which, 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 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 1253 *Iron and steel—Method for spark discharge atomic emission spectrometric analysis*

JIS G 3191 *Dimensions, mass 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 *Guide to the rounding of numbers*

3 Classification and symbols

The rerolled steel bars shall be classified into one grade of plain steel bars and two grades of deformed steel bars as given in Table 1.

Table 1 Symbol of grade

Classification	Symbol of grade
Rerolled plain steel bars	SRR235
Rerolled deformed steel bars	SDR295
	SDR345

4 Manufacturing method

The manufacturing method shall be as follows.

- a) The rerolled steel bars shall be rolled from the scraps produced in the manufacture of steel plates or of other steel products, or remnant steel plates produced in excess of the ordered mass (these rolling materials are hereafter referred as materials).