

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS G 3194 : 2020

(JISF)

**Dimensions, shape, mass and
permissible variations of hot rolled
flat steel**

ICS 77.140.50

Reference number : JIS G 3194 : 2020 (E)

G 3194 : 2020

Date of Establishment: 1966-07-01

Date of Revision: 2020-06-22

Date of Public Notice in Official Gazette: 2020-06-22

Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area
Technical Committee on Metal and Inorganic
Materials

JIS G 3194:2020, First English edition published in 2020-12

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
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Printed in Japan

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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 3194:2010**), which has been technically revised.

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Dimensions, shape, mass and permissible variations of hot rolled flat steel

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 1035-3:1980** (Edition 1), **ISO 1035-4:1982** (Edition 2), **ISO 9034:1987** (Edition 1), with some modifications of the technical contents.

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

1 Scope

This Standard specifies the shape, dimensions, their tolerances, as well as appearance and mass of flat steels produced by hot rolling.

The application of this Standard shall be as specified in each product standard.

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

ISO 1035-3:1980 *Hot-rolled steel bars—Part 3: Dimensions of flat bars*

ISO 1035-4:1982 *Hot-rolled steel bars—Part 4: Tolerances*

ISO 9034:1987 *Hot-rolled structural steel wide flats—Tolerances on dimensions and shape* (Overall evaluation: MOD)

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

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this Standard. The most recent edition of the standard (including amendments) indicated below shall be applied.

JIS Z 8401 *Rounding of numbers*

3 Term and definition

3.1

flat steel

flat product with a rectangular section, hot-rolled on its four sides, and having a width of 500 mm or under and a thickness of 100 mm or under