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(JISF)

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

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Contents

	F	Page
Introduction ······1		
1	Scope ····	· 1
2	Normative references · · · · · · · · · · · · · · · · · · ·	· 2
3	Terms and definitions ·····	· 2
4	Classification and sectional shape ······	· 2
5	Expression of dimensions and marking	. 3
6	Standard dimensions ·····	. 3
7	Tolerances on shape and dimensions	. 3
8	Mass	.4
9	Tolerances on mass ·····	. 4
10 10.1 10.2 10.3	Appearance General Repair by grinding Repair by welding	· 4 · 4
Annex	x JA (informative) Comparison table between JIS and corresponding International Standards	38

G 3192: 2024

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 3192: 2021), which has been technically revised.

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JIS G 3192: 2024

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 657-1**: 1989, Edition 1, **ISO 657-2**: 1989, Edition 1, **ISO 657-5**: 1976, Edition 1, **ISO 657-11**: 1980, Edition 1, **ISO 657-15**: 1980, Edition 1, **ISO 657-19**: 1980, Edition 1, and **ISO 657-21**: 1983, 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 technical modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies requirements for the dimensions, mass and their tolerances as well as <u>appearance</u>, shape and permissible variations of steel sections produced by hot rolling (hereafter referred to as steel sections).

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.

 ${\rm ISO~657\text{-}1:1989} \quad \textit{Hot-rolled steel sections} --\textit{Part 1: Equal-leg angles} -- \\ \textit{Dimensions}$

ISO 657-2: 1989 Hot-rolled steel sections — Part 2: Unequal-leg angles — Dimensions

ISO 657-5: 1976 Hot-rolled steel sections — Part 5: Equal-leg angles and unequal-leg angles — Tolerances for metric and inch series

ISO 657-11: 1980 Hot-rolled steel sections — Part 11: Sloping flange channel sections (Metric series) — Dimensions and sectional properties

ISO 657-15: 1980 Hot-rolled steel sections — Part 15: Sloping flange beam sections (Metric series) — Dimensions and sectional properties

ISO 657-18: 1980 Hot-rolled steel sections — Part 18: L sections for shipbuilding (metric series) — Dimensions, sectional properties and tolerances

ISO 657-19: 1980 Hot-rolled steel sections — Part 19: Bulb flats (metric series) — Dimensions, sectional properties and tolerances

ISO 657-21: 1983 Hot-rolled steel sections — Part 21: T-sections with equal depth and flange width — Dimensions (overall evaluation: MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT