



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS D 9302 : 2019

(JBPI/JSA)

Bicycles for young children

ICS 43.150;97.190

Reference number : JIS D 9302 : 2019 (E)

Date of Establishment: 1979-03-01

Date of Revision: 2019-02-20

Date of Public Notice in Official Gazette: 2019-02-20

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Consumer Life Products

JIS D 9302:2019, First English edition published in 2019-09

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,
the original JIS is to be the final authority.

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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 Japan Bicycle Promotion Institute (JBPI)/Japanese Standards Association (JSA) 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 D 9302:2008** is replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

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Bicycles for young children

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 8098:2014**, Edition 3, with some changes in the technical contents to reflect unique conditions in Japan including Japanese laws and regulations, as the **ISO** Standard explicitly states that requirements for bicycles for use on public roads are left to national regulations.

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. Annex JA contains unique contents to **JIS** not given in the corresponding International Standard.

1 Scope

This Standard specifies requirements for bicycles for young children as defined in **JIS D 9111** (hereafter referred to as bicycles).

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

ISO 8098:2014 *Cycles—Safety requirements for bicycles for young children* (MOD)

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

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 A 1481-2 *Determination of asbestos in building material products—Part 2: Sampling and qualitative analysis for judgement of existence of containing asbestos*

JIS B 0205-1 *ISO general purpose metric screw threads—Part 1: Basic profile*

JIS B 0205-2 *ISO general purpose metric screw threads—Part 2: General plan*

JIS B 0205-3 *ISO general purpose metric screw threads—Part 3: Selected sizes for screws, bolts and nuts*

JIS B 0205-4 *ISO general purpose metric screw threads—Part 4: Basic dimensions*

JIS B 0209-1 *ISO general purpose metric screw threads—Tolerances—Part 1: Principles and basic data*

JIS B 0209-2 *ISO general purpose metric screw threads—Tolerances—Part 2: Limits of sizes for general purpose external and internal screw threads—Medium quality*

JIS B 0209-3 *ISO general purpose metric screw threads—Tolerances—Part 3: Deviations for constructional screw threads*

JIS B 0225 *Cycles—Screw threads*

JIS D 9111 *Cycles—Classification, terminology and essential characteristics*

JIS D 9417 *Bicycles—Chains*

JIS D 9422 *Tire valves for bicycles*

JIS D 9451 *Bicycles—Bells*

JIS D 9452 *Cycles—Reflex reflectors*

NOTE Corresponding International Standard: ISO 6742-2:2015 *Cycles—Lighting and retro-reflective devices—Part 2: Retro-reflective devices* (MOD)

JIS D 9453 *Bicycles—Luggage carriers and stands*

NOTE Corresponding International Standard: ISO 11243:1994 *Cycles—Luggage carriers for bicycles—Concepts, classification and testing* (MOD)

JIS G 4303 *Stainless steel bars*

JIS R 6252 *Abrasive papers*

JIS R 6253 *Waterproof abrasive papers*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS D 9111**, and the following apply.

3.1

stabilizers

small removable auxiliary wheels fitted to both sides of the wheels to enable the rider to balance and to prevent falls

4 Principal dimensions and components

4.1 Principal dimensions

The length, width (including that of stabilizers) and maximum saddle height of bicycles shall be in accordance with Clause 4 of **JIS D 9111**.

4.2 Components

The components of the bicycle shall be as follows.

- a) The parts to constitute the bicycle shall be selected from Table 2 in **JIS D 9111** based on functional and safety needs.

Interchangeable dimensions of the bicycle parts are given in Annex JA.

- b) The parts used for bicycles shall be in accordance with the Japanese Industrial Standards given in Table 2 in **JIS D 9111**, or at least equivalent thereto in quality. When using those parts specified in the said table for which no Japanese Industrial Standard exists, it shall be ensured that they have a quality that satisfies the functional and safety requirements of the bicycle.