

JAPANESE INDUSTRIAL STANDARD

Translated and Published by Japanese Standards Association

JIS D 9418:2021

(JBPI/JSA)

Bicycles — Free wheels and hub cogs

ICS 43.150

Reference number: JIS D 9418: 2021 (E)

D 9418: 2021

Date of Establishment: 1960-12-01

Date of Revision: 2021-03-22

Date of Public Notice in Official Gazette: 2021-03-22

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

JIS D 9418 : 2021, First English edition published in 2022-06

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 HT/HN

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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 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 D 9418: 2008), which has been technically revised.

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Bicycles — Free wheels and hub cogs

JIS D 9418: 2021

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 6697**: 1994, Edition 1 and **ISO 10230**: 1990, Edition 1, by modifying the technical contents for the parts corresponding to this Standard (shapes and dimensions) but also adding some **JIS** specification contents that are not given in the said International Standards.

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

1 Scope

This Standard specifies the requirements for the freewheels and hub cogs to be used for bicycles for general use, bicycles for young children and <u>electric power assisted bicycles mainly specified in JIS D 9111</u>.

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

ISO 6697: 1994 Cycles — Hubs and freewheels — Assembly dimensions

ISO 10230: 1990 Cycles — Splined hub and sprocket — Mating 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 (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 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