

# JIS

JAPANESE  
INDUSTRIAL  
STANDARD

Translated and Published by  
Japanese Standards Association

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**JIS D 9421** : 2009

(JBPI/JSA)

**Bicycles — Rims**

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ICS 43.150; 97.190

Reference number : **JIS D 9421 : 2009 (E)**

D 9421 : 2009

Date of Establishment: 1961-01-01

Date of Revision: 2009-06-20

Date of Public Notice in Official Gazette: 2009-06-22

Investigated by: Japanese Industrial Standards Committee  
Standards Board

Technical Committee on Consumer Products

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JIS D 9421:2009, First English edition published in 2010-05

Translated and published by: Japanese Standards Association  
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

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Printed in Japan

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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 of 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 9421:2005** is replaced with this Standard.

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# Bicycles—Rims

## Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 5775-2** published in 1996 and Amendment 1 (2001) with some modifications of the technical contents.

The portions with continuous sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JA.

## 1 Scope

This Standard specifies the rims to be used mainly for bicycles for general use and bicycles for young children as defined in **JIS D 9111** (hereafter referred to as “rims”).

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

ISO 5775-2:1996 *Bicycle tyres and rims—Part 2: Rims* and Amendment 1 (2001) (MOD)

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

## 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 D 9111	<i>Cycles—Classification and essential characteristics</i>
JIS D 9112	<i>Cycle—Tyres—Dimensions</i>
JIS D 9420	<i>Rims for bicycles</i>
JIS D 9422	<i>Tire valves for bicycles</i>
JIS H 8617	<i>Electroplated coatings of nickel and chromium</i>
JIS K 6302	<i>Pneumatic tyres for bicycles</i>
ISO 5775-1	<i>Bicycle tyres and rims—Part 1: Tyre designations and dimensions</i>

## 3 Classification of rims and their symbols

Classification of rims and their symbols, according to the subtype and shape, are shown in table 1. Rims are classified into four types of tyres: BE rims<sup>1)</sup>, WO rims<sup>2)</sup> [or SS rims<sup>3)</sup>], HE rims<sup>4)</sup>, [or HB rims<sup>5)</sup>] and CT rims<sup>6)</sup>.

Notes <sup>1)</sup> Abbreviation for beaded edge rim

<sup>2)</sup> Abbreviation for wired on rim

<sup>3)</sup> Abbreviation for straight side rim