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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 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 9428:2008** is replaced with this Standard.

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Bicycles—Derailleur

Introduction

This Japanese Industrial Standard was established in 1987 and has gone through 3 revisions up to the present. The purpose of revision at this time is to include specifications for new types of shift levers which have been added to the market since the last revision was made in 2008.

No corresponding International Standard has been published at this point.

1 Scope

This Standard specifies derailleurs, used mainly for bicycles for general use, bicycles for young children and electric power-assisted bicycles specified in **JIS D 9111**.

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*

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 *Cycle threads*

JIS D 9111 *Cycles—Classification and essential characteristics*

JIS H 8610 *Electroplated coatings of zinc on iron or steel*

JIS H 8617 *Electroplated coatings of nickel and chromium*

3 Construction and classification

Derailleurs shall consist of a rear derailleur, front derailleur, shift levers and derailleur cable, and classification of derailleurs is given in Annex A through classification of each of the rear derailleurs, front derailleurs and shift levers. There are some constructions which do not include a front derailleur.