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STANDARD

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(JBPI/JSA)

Bicycles—Handle grips

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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 9413 : 1995** is replaced with this Standard.

This revision has been made based on **ISO 4210 : 1996 Cycles—Safety requirements for bicycles** and **ISO 8098 : 1989 Cycles—Safety requirements for bicycles for young children** for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Bicycles—Handle grips

Introduction This Japanese Industrial Standard has been prepared based on the fourth edition of **ISO 4210 : 1996** *Cycles—Safety requirements for bicycles* and the first edition of **ISO 8098 : 1989** *Cycles—Safety requirements for bicycles for young children* with some modifications of technical contents.

Portions underlined with dots are the matters modified from the original International Standards. The list of modification with its explanation is given in annex 1 (informative).

1 Scope This Standard specifies handlebar grips, tapes, plugs and caps (hereafter referred to as “grips, etc.” when these are mentioned generically) to be used for bicycles for general use and for young children defined in **JIS D 9111**.

NOTE : The International Standards corresponding to this Standard are as follows:

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**.

ISO 4210 : 1996 *Cycles—Safety requirements for bicycles* (MOD)

ISO 8098 : 1989 *Cycles—Safety requirements for bicycles for young children* (MOD)

2 Normative references The following standards contain provisions which, through reference in this Standard, 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 D 9111 *Cycles—Classification and essential characteristics*

3 Strength The strength of grips, etc. shall be as follows:

3.1 Tensile strength of handlebar grip When two round rods of 8 mm diameter each which are inserted into the opening end of a handlebar grip as shown in figure 1 are pulled in opposite directions at a steady rate (approximate 200 mm/min) by the extending distance, (A), given in table 1, the opening part of the handlebar grip shall not be torn.