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**Automobile tyres—
Designation and dimensions**

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

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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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Automobile tyres—Designation and dimensions

1 **Scope** This Japanese Industrial Standard specifies types and designations of automobile tyres (hereafter referred to as “tyres”), as well as basic items necessary to determine tyre dimensions, and is not applicable to tyres for industrial vehicles, construction vehicles, agricultural machines or two-wheeled vehicles.

NOTES 1 For details regarding specific tire sizes, reference shall be made to other official standards established in accordance with this Standard (hereafter referred to as “relevant standards”).

2 Units and figures appearing in braces { } in this Standard denote conventional units of specified values and shall be used only for reference from April 1, 1995.

3 The normative references to this Standard are as follows:

JIS D 4102 *Wheels/rims—Classification, designation and marking*

JIS D 4207 *Tyre valves for automobiles*

JIS D 4218 *Automobile parts—Wheels—Contours of rims*

JIS D 4230 *Automobile tyres*

JIS Z 8401 *Guide to the rounding of numbers*

4 The corresponding International Standards for this Standard are as follows:

ISO 4000-1 : 1994 *Passenger car tyres and rims—Part 1 : Tyres (metric series)*

ISO 4209-1 : 1993 *Truck and bus tyres and rims (metric series)—Part 1 : Tyres*

ISO 4223-1 : 1989 *Definitions of some terms used in the tyre industry—Part 1 : Pneumatic tyres*

2 **Definition of terms** For the purpose of this Standard, the definitions given in JIS D 4230 and the following definitions apply.

(1) **design dimensions** dimensions used as reference in the design of tyres. Generic term for design sectional width, design sectional height, and design outside diameter.

(2) **growth dimensions** dimensions that include growth due to running of the tyre. Generic term for total growth width and growth outside diameter.

(3) **new product dimensions** dimensions of a new tyre measured by the specified method. Generic term for total width and outside diameter of a new tyre.

(4) **total width** distance between tyre sidewalls under no-load condition while the