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**Automobile parts — Wheels —  
Performance requirements and  
marking**

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In the event of any doubts arising as to the contents,  
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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 Society of Automotive Engineers of Japan, Inc. (JSAE) 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 4103**:1998 is replaced with this Standard.

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# Automobile parts—Wheels— Performance requirements and marking

## Introduction

This Japanese Industrial Standard has been prepared based on the fourth edition of **ISO 3006** published in 2005, the third edition of **ISO 3894** published in 2005, and the third edition of **ISO 7141** published in 2005 with some modifications of the technical contents.

The portions given 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 wheels made of steel and light alloy used on automobiles (hereafter referred to as “wheels”). However, this Standard does not apply to wheels used for emergency tyres, two-wheeled vehicles, industrial vehicles, construction vehicles and agricultural machines.

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

ISO 3006:2005 *Road vehicles—Passenger car wheels for road use—Test methods*

ISO 3894:2005 *Road vehicles—Wheels/rims for commercial vehicles—Test methods*

ISO 7141:2005 *Road vehicles—Light alloy wheels—Impact test (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 S 0101 *Glossary of terms relating to kinds of automobiles*

**NOTE :** Corresponding International standard: ISO 3833 *Road vehicles—Types—Terms and definitions (MOD)*

JIS D 4102 *Wheels and rims for pneumatic tyres—Vocabulary, designation and marking*

**NOTE :** Corresponding International standard: ISO 3911 *Wheels and rims for pneumatic tyres—Vocabulary, designation and marking (IDT)*