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**NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC  
OF CHINA**

**中华人民共和国国家标准**

GB/T 2933–2009/ISO 3911: 2004

Replace GB/T 2933–1995

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**Wheels and rims for pneumatic  
tyres—Vocabulary, designation and marking**  
**充气轮胎用车轮和轮毂的术语、规格代号和标志**

(ISO 3911: 2004, IDT)

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**Standardization Administration of the People's Republic of  
China**

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## Foreword

This standard is identical with ISO 3911: 2004 *Wheels and rims for pneumatic tyres — Vocabulary, designation and marking* (English version).

For ease of use, following editing changes in this standard have been made:

- Replaced “this International Standard” by “this standard”;
- Deleted the FOREWORD of International Standard;
- Deleted France text in International Standard (including annex D and index of France terms);
- Added Chinese terms into annex C, changed the name as “Comparison table of terms of English, Chinese, France and German”;
- Added index of Chinese Pinyin;
- Changed the printing error (Figure) in International Standard;
- Changed the International Standard as National Standard in EXAMPLE (see Annex A).

This standard replaces GB/T 2933-1995 *Wheels/rims for pneumatic tyres— Nomenclature, designation and marking*.

Comparison with GB/T 2933-1995, main changes of this standard are as follows:

- Changed the layout of standard (Clause 3 and 4 in 1995, annex A and B in this standard);
- Changed the terms of wheels with demountable rims (2.2.4 in 1995, 2.2.4 in this standard);
- Deleted the term and definition of hub body (2.3.6 in 1995);
- Deleted the term and definition of bead flange (2.3.7 in 1995);
- Deleted the term and definition of retainer (2.3.8 in 1995);

- Deleted the term and definition of seat retainer (2.3.9 in 1995);
- Deleted the term and definition of incline seat bead flange (2.3.10 in 1995);
- Changed the description on subclause according to International Standard;
- Added corresponding French and German in comparison table of terms (annex A in 1995, annex C in this standard);
- Added index of Chinese Pinyin.

Annex A and B of this Part are normative annex, Annex C of this Part is informative annex.

This Standard is proposed by State Development and Reform Commission (SDRC)

This Standard is under the jurisdiction of National Technical Committee on Road Vehicles of Standardization Administration of China.

The responsible drafting organization is Dongfeng Automotive Wheel Co., Ltd and Zhejiang Wanfeng Auto Holding Group.

The chief drafting staff of this standard includes Lei Na, Cao Yalan, Zhu Xunming and Mao Qiuxian

This standard replaces the following historical editions issued:

- GB 2933-1982, GB/T 2933-1995.

# Wheels and rims for pneumatic tyres—Vocabulary, designation and marking

## 1 Scope

This Standard presents a vocabulary of terms related to, and systems for the designation and marking of, wheels and rims intended for use with pneumatic tyres. The intention is to define fundamental wheel and rim terms rather than provide a comprehensive tabulation of all wheel design features. Also specified are the content, location and minimum size of the wheel and rim marking, with the purpose of establishing, on a worldwide basis, a uniform identification system for wheels and rims.

NOTE 1 In addition to terms in English and French (two of the three official ISO languages), this International Standard gives the equivalent terms in German; these are published under the responsibility of the member bodies for Germany (DIN). However, only the terms and definitions given in the official languages can be considered as ISO terms and definitions. See Annex C.

## 2 Terms and definitions

### 2.1

#### **wheel**

rotating load-carrying member between the tyre and the axle, usually consisting of two major parts, the rim and the wheel disc, which may be integral, permanently attached or detachable

See Figures 1 to 8.

#### 2.1.1

#### **rim**

that part of the wheel on which the tyre is mounted and supported

#### 2.1.2



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