

# INTERNATIONAL STANDARD

**ISO**  
**4000-2**

Second edition  
1994-12-15

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## **Passenger car tyres and rims —**

### **Part 2:**

#### **Rims**

*Pneumatiques et jantes pour voitures particulières —*

*Partie 2: Jantes*

ISO 4000-2:1994

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Reference number  
ISO 4000-2:1994(E)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 4000-2 was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 3, *Passenger car tyres and rims*.

This second edition cancels and replaces the first edition (ISO 4000-1:1987), of which it constitutes a technical revision.

ISO 4000 consists of the following parts, under the general title *Passenger car tyres and rims*:

- Part 1: *Tyres (metric series)*
- Part 2: *Rims*

# Passenger car tyres and rims —

## Part 2: Rims

### 1 Scope

This part of ISO 4000 specifies the designation, contour and dimensions of 5° tapered (drop-centre) rims primarily intended for passenger cars.

The designation, dimensions and load ratings of tyres (metric series) are given in ISO 4000-1.

### 2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 4000. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 4000 are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 3911:1977, *Wheels/rims — Nomenclature, designation, marking, and units of measurement*.

### 3 Definitions

For the purposes of this part of ISO 4000, the definitions given in ISO 3911 apply.

### 4 Designation and marking

The rim shall be designated by its nominal rim diameter code, nominal rim width code and rim flange type (for example, 15 × 6J or 13 × 5.50B).

### 5 5° tapered (drop-centre) rims

#### 5.1 Rim flanges

Recommended rim flanges are given in table 1 for the appropriate nominal rim diameter code.

Table 1 — Recommended rim flanges

Nominal rim diameter code	Rim flange
10 12 13	B
14 15 16 17 18 19	J

#### 5.2 Rim contours

Dimensions and tolerances of the rims shall be as given in figure 1 and table 2. Optional bead seat contours and their dimensions are given in figure 2.

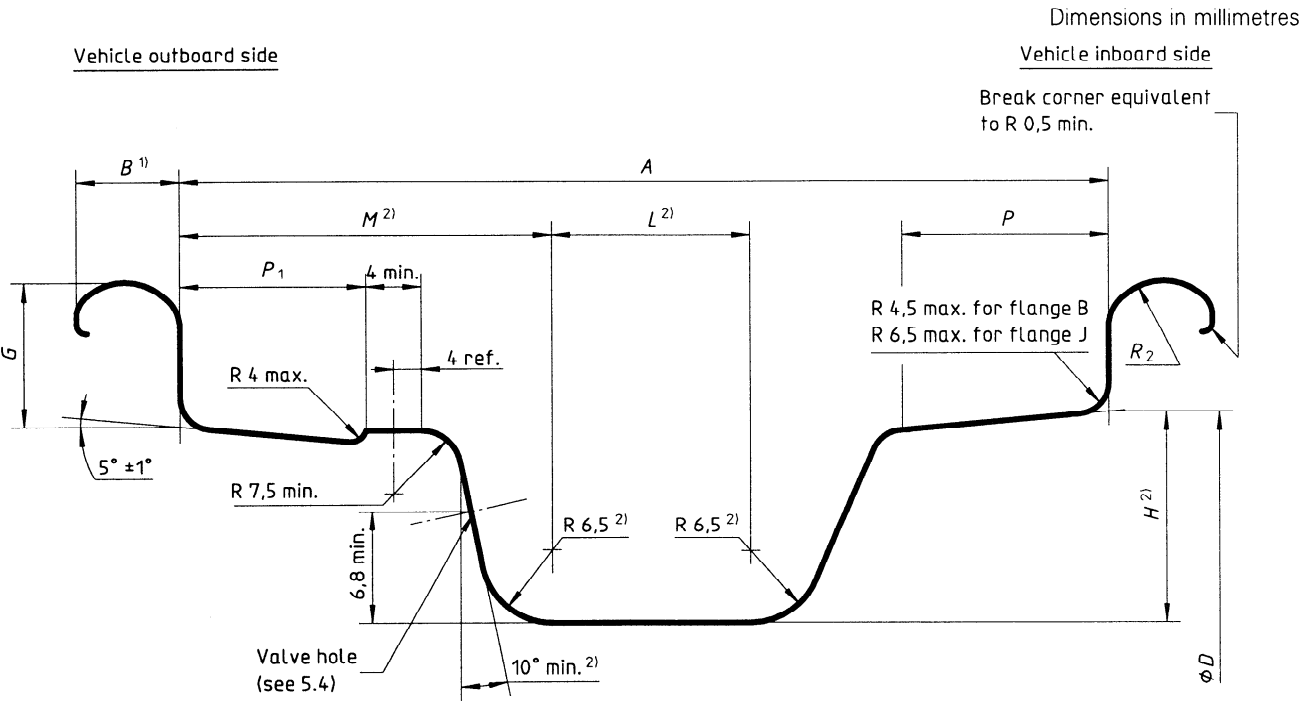
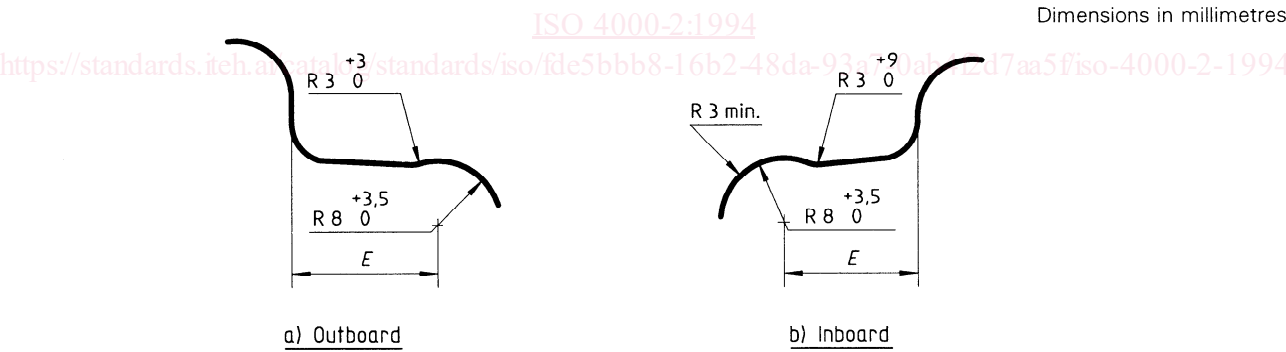


Figure 1 — Contour of 5° tapered (drop-centre) rims



Rim width code	$E$ mm
3.00	$16,5 \begin{smallmatrix} +1 \\ 0 \end{smallmatrix}$
3.50 or 3 1/2	$19,5 \begin{smallmatrix} +1,5 \\ 0 \end{smallmatrix}$
4.00 or 4, and wider	$21 \begin{smallmatrix} +2 \\ 0 \end{smallmatrix}$ 1)
1) 19,5 mm permitted on some existing rims only.	

Figure 2 — Optional bead seat contours