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МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

## Passenger car tyres and rims —

### Part 2 : Rims

*Pneumatiques et jantes pour voitures particulières —*

*Partie 2: Jantes*

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## 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 4000-2 was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

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# Passenger car tyres and rims —

## Part 2 : Rims

### 1 Scope and field of application

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

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

For definitions of terms relating to rims, see ISO 3911.

### 2 References

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

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

### 3 Designation and marking

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

### 4 5° Tapered (drop-centre) rims

#### 4.1 Rim flanges

Rim flanges shall be designated as given in table 1 for the appropriate nominal rim diameter code.

Table 1 — Rim flanges

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

#### 4.2 Rim contours

Dimensions and tolerances of the rims are given in the figure and table 2.

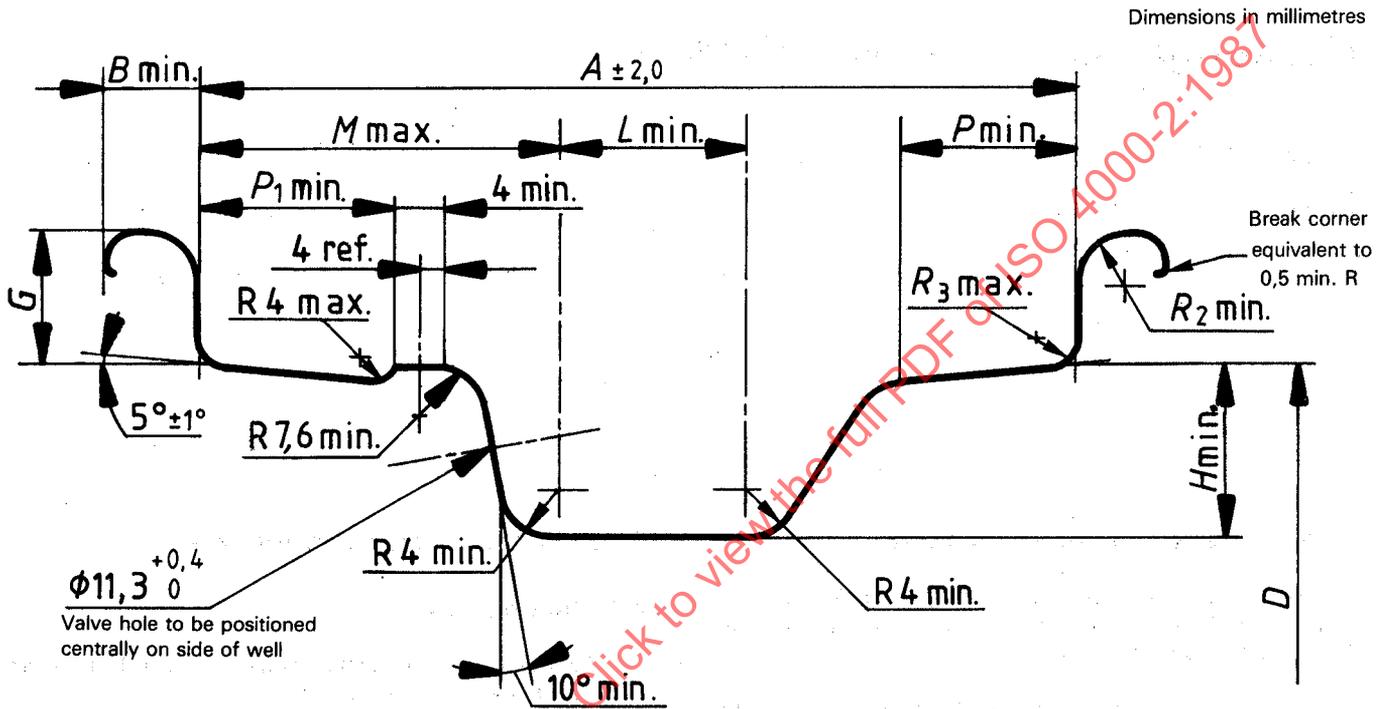


Figure — Contour of  $5^\circ$  tapered (drop-centre) rims

Table 2 — Dimensions of 5° tapered (drop-centre) rim contours

Dimensions in millimetres

Rim size designation	A ±2	B min.	G	P min.	P <sub>1</sub> min.	H min.	L min.	M max.	R <sub>2</sub> min.	R <sub>3</sub> max.
10 × 3.00B	76	(to be developed)								
12 × 3.00B										
10 × 3.50B	89							34		
12 × 3.50B				15	17		19			
10 × 4.00B	101,5									
12 × 4.00B										
10 × 4.50B	114,5	10	14,4 ±0,8			16,5			7,5	4,5
12 × 4.50B										
10 × 5.00B	127							45		
12 × 5.00B				19,8	19,8		22			
10 × 5.50B	140									
12 × 5.50B										
10 × 6.00B	152,5									
12 × 6.00B										
14 × 3 1/2 J	89							34		
15 × 3 1/2 J										
14 × 4 J	101,5			15,7	17		19			
15 × 4 J										
14 × 4 1/2 J	114,5									
15 × 4 1/2 J										
14 × 5 J	127									
15 × 5 J										
14 × 5 1/2 J	140									
15 × 5 1/2 J										
14 × 6 J	152,5	10,9	17,8 ±0,9			17,3		45	9	6,5
15 × 6 J										
14 × 6 1/2 J	165			19,8	19,8		22			
15 × 6 1/2 J										
14 × 7 J	178									
15 × 7 J										
14 × 8 J	203									
15 × 8 J										
14 × 9 J	228,5									
15 × 9 J										
14 × 10 J	254									
15 × 10 J										
16 × 10 J										

### 4.3 Rim diameters

The specific rim diameter,  $D$ , for the appropriate nominal rim diameter code is given in table 3.

**Table 3 – Specified rim diameters**

Nominal rim diameter code	Specified rim diameter $D$ $\pm 0,4^*$ mm
10	253,2
12	304,0
13	329,4
14	354,8
15	380,2
16	405,6
17	436,6
18	462,0
19	487,4

\* Tolerance is for tyre design purpose only. Rim measurement is by circumference measuring tape related to mandrel.

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