
Bicycle tyres and rims —

**Part 2:
Rims**

*Pneumatiques et jantes pour cycles —
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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 10, *Cycle, moped, motorcycle tyres and rims*.

This third edition cancels and replaces the second edition (ISO 5775-2:1996), which has been technically revised.

It also incorporates the Amendment, ISO 5775-2:1996/Amd 1:2001.

ISO 5775 consists of the following parts, under the general title *Bicycle tyres and rims*:

- *Part 1: Tyre designations and dimensions*
- *Part 2: Rims*

[Annex A](#) of this part of ISO 5775 is for information only.

This corrected version of ISO 5775-2:2015 incorporates the following corrections plus other minor editorial modifications.

Figures 3 and A.3 have been corrected. Dimension G has been adjusted to the solid line D1.

Bicycle tyres and rims —

Part 2: Rims

1 Scope

This part of ISO 5775 specifies rim dimensions for bicycle tyres: it gives only those rim contour dimensions necessary for tyre mounting and to fit the tyre on the rim.

ISO 5775-1 covers designations and dimensions for tyres.

ISO 5775-2 covers straight side (SS) rims, hooked bead type (HB) rims and crotchet type (C) rims.

2 Symbols and abbreviated terms

The following symbols are used in this part of ISO 5775:

| | |
|------------|---|
| A | Rim width |
| D | Specified rim diameter |
| D_1 | Measured rim diameter |
| D_2 | External diameter |
| D_m | Measuring mandrel diameter |
| G | Flange height |
| H, H_1 | Unobstructed minimum depth above rim base with rim tape fitted to permit tyre fitment |
| L | Theoretical tape length |
| L_1 | Well width above rim tape |
| P | Bead seat width |
| R_1, R_2 | Flange radius |
| R_4 | Well top radius |
| W | Measuring tape width |

3 General requirements

3.1 Rim contour

The rim shall have a smooth contour, free of sharp edges, on the side of the tyre.