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Truck and bus tyres and rims (metric series) —

Part 1: Tyres

*Pneumatiques et jantes (séries millimétriques) pour camions et autobus —
Partie 1: Pneumatiques*



Reference number
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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

Attention is drawn to the possibility that some of the elements of this part of ISO 4209 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 4209-1 was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 4, *Truck and bus tyres and rims*.

This sixth edition cancels and replaces the fifth edition (ISO 4209-1:1993), which has been technically revised.

ISO 4209 consists of the following parts, under the general title *Truck and bus tyres and rims (metric series)*:

- *Part 1: Tyres*
- *Part 2: Rims*

Annexes A, B and C of this part of ISO 4209 are for information only.

Truck and bus tyres and rims (metric series) —

Part 1: Tyres

1 Scope

This part of ISO 4209 specifies the designation, dimensions and load ratings of the metric series of tyres primarily intended for trucks and buses.

It is applicable to bias-belted, diagonal and radial tyres for trucks and buses, mounted on 5° tapered rims and on 15° tapered (drop-centre) rims.

It is also applicable to different concepts and types of tyres and rims; in these cases, however, appropriate rim/section ratios K_1 , K_4 , coefficients K_2 , K_3 , C_1 and construction codes have been added to Tables 3, 4 and 5.

ISO 4209-2 deals with requirements for rims.

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of ISO 4209. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 4209 are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 4223-1:—¹⁾, *Definitions of some terms used in the tyre industry — Part 1: Pneumatic tyres.*

3 Terms and definitions

For the purposes of this part of ISO 4209, the terms and definitions given in ISO 4223-1 apply.

4 Tyre designation

4.1 Content

The designation of the tyre shall be shown on its sidewall and shall include the following markings, to be shown close to each other:

- size and construction (see 4.2);
- service condition characteristics (see 4.3).

1) To be published. (Revision of ISO 4223-1:1989)