



BSI Standards Publication

## Rims for agricultural, forestry and construction machines

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## National foreword

This British Standard is the UK implementation of ISO 18804:2017. It supersedes BS ISO 4251-3:2006, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee AUE/4, Tyres and wheels for motor vehicles.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**Rims for agricultural, forestry and  
construction machines**

*Jantes pour machines agricoles, engins forestiers et engins de  
construction*



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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](http://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](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 5, *Agricultural tyres and rims*.

This first edition of ISO 18804 cancels and replaces ISO 4251-3:2006, which has been technically revised.

# Rims for agricultural, forestry and construction machines

## 1 Scope

This document specifies rim dimensions for rims for agricultural, forestry, and construction machines.

All dimensions in this document are given in millimetres and are applicable to the side of rim which is in contact with the tyre during the mounting and in service.

NOTE Terms used are in accordance with ISO 3911 .

## 2 Normative references

There are no normative references in this document.

## 3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

## 4 Rim diameter and circumferences

Nominal rim diameter codes,  $D_R$  , are shown in [Table 1](#) related to the specified rim diameter given in [Figure 1](#).

For rim diameter measurements, see [Annex A](#).

A tolerance of  $\pm 1,2$  mm on the rim circumference is permitted.