

Tyres and wheels —

Part 4: Rim profiles and dimensions —

Section 5: Industrial vehicle rims —

Subsection 5.2 Specification for rim profiles and dimensions for metric series pneumatic tyres and solid tyres for pneumatic tyre rims

ICS 53.060

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee AUE/4, Tyres and wheels for motor vehicles, upon which the following bodies were represented:

- Agricultural Engineers' Association
- Automobile Association
- British Industrial Truck Association
- British Pressure Gauge Manufacturers' Association
- British Rubber Manufacturers' Association
- Confederation of Passenger Transport UK
- Department of Transport
- Freight Transport Association
- Institute of Road Transport Engineers (Inc)
- Motor Cycle Industry's Association of Great Britain Ltd.
- Motor Industry Research Association
- National Tyre Distributors' Association
- Retread Manufacturers' Association
- Road Haulage Association Ltd.
- Society of Motor Manufacturers and Traders Ltd.

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National foreword

This Subsection of Part 4 of BS AU 50 has been prepared by Technical Committee AUE/4 and is identical with ISO 3739-3:1995 *Industrial tyres and rims — Part 3: Rims*, published by the International Organization for Standardization (ISO). It covers rim profiles for use with pneumatic tyres and solid tyres with the equivalent profile. The corresponding tyre details are dealt with in Subsections 5.2, 5.3 and 5.4 (of BS AU 50-1). Tyre and rim details for cylindrical and conical base rubber solid tyres (metric series) are dealt with in Subsection 5.6 of BS AU 50-1.

Other Parts of this standard are as follows:

- *Part 1: Tyres;*
- *Part 2: Wheels and rims;*
- *Part 3: Valves.*

Warning. The wheel manufacturer should be consulted to determine whether the rim and wheel is of sufficient strength for the intended service. In particular, care has to be taken to ensure that the wheel will withstand the maximum pressure of any tyre that can be fitted in accordance with BS AU 50-1.5.2:1994 or BS AU 50-1.5.3:1994. This pressure could exceed 1 000 kPa (10 bar) for both diagonal and radial tyres.

Cross-references

The Technical Committee has reviewed the provisions of ISO 3911:1977 to which normative reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.