

Automobile Series

Tyres and wheels —

Part 2: Wheels and rims —

**Section 8: Code of practice for the
selection and care of wheels for
passenger cars (including caravans and
light trailers)**

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Automobile Standards Committee (AUE/-) to Technical Committee AUE/4, upon which the following bodies were represented:

- Agricultural Engineers' Association
- British Industrial Truck Association
- British Pressure Gauge Manufacturers' Association
- British Rubber Manufacturers' Association
- Bus and Coach Council
- Department of Transport
- London Transport Executive
- Ministry of Defence
- Motor Cycle Association of Great Britain
- Motor Industry Research Association
- Retread Manufacturers' Association
- Road Haulage Association Ltd.
- Society of Motor Manufacturers and Traders Limited

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Foreword

This Section of BS AU 50-2 has been prepared under the direction of the Automobile Standards Committee. This code of practice gives guidance to vehicle manufacturers on the initial steps to be taken in selecting wheels for passenger cars (including caravans and light trailers). Descriptions of wheels and rims in general use are also given as well as recommendations on the care of wheels, which if followed would lead to improved road safety.

The data in this code of practice is based on the Society of Motor Manufacturers and Traders Ltd. information sheet number TW-7B.

Tyre, wheel, rim, and valve requirements are given in the following Parts and Sections of BS AU 50:

- *Part 1: Tyres;*
- *Section 0: General;*
- *Section 1: Car tyres;*
- *Section 2: Commercial vehicle tyres;*
- *Section 3: Off-the-road tyres;*
- *Section 4: Agricultural vehicle tyres;*
- *Section 5: Industrial vehicle tyres;*
- *Section 6: Motorcycle tyres;*
- *Section 7: Moped tyres;*
- *Section 8: Code of practice for the storage of tyres, inner tubes and flaps;*
- *Part 2: Wheels and rims;*
- *Section 0: General (including terms and definitions, and construction and workmanship);*
- *Section 1: Rim profiles and dimensions (including openings for valves)¹⁾;*
- *Section 2: Specification for dimensions of wheel naves and hub centres for commercial vehicles;*
- *Section 3: Specification for road-wheel nuts, studs and bolts for commercial vehicles;*
- *Section 5: Road wheels manufactured wholly or partly of cast light alloy for passenger cars;*
- *Section 6: Specification for road wheels manufactured wholly or partly of light alloy for mopeds and motor cycles;*
- *Section 7: Code of practice for the selection and care of wheels for commercial vehicles;*
- *Section 8: Code of practice for the selection and care of wheels for passenger cars (including caravans and light trailers);*
- *Part 3: Valves;*
- *Section 1: Specification for valve dimensions;*
- *Section 2: Tyre valve threads 5V1, 5V2, 6V1 and 8V1;*
- *Section 3: Tyre valve threads 9V1, 10V2, 12V1 and 13V1;*
- *Section 4: Tyre valve threads 8V2, 10V1, 11V1, 13V2, 15V1, 16V1, 17V1, 17V2, 17V3, 19V1 and 20V1;*
- *Section 5: Dimensions for ISO core chamber No. 1 for tyre inflation valves;*
- *Section 6: Dimensions for ISO core chamber No. 2 for tyre inflation valves;*
- *Section 7: Code of practice for the selection and care of tyre inflation valves for passenger cars (including caravans and light trailers);*

¹⁾ As the requirements of Part 2:Section 1 are revised they are being published as separate Sections of Part 4. When this process is complete Part 2:Section 1 will be withdrawn.

- *Section 8: Code of practice for the selection and care of tyre inflation valves for commercial vehicles;*
- *Part 4: Rim profiles and dimensions;*
- *Section 1: Car rims;*
- *Section 2: Commercial vehicle rims;*
- *Section 3: Off-the-road rims;*
- *Section 4: Agricultural tractor and machine rims;*
- *Section 5: Industrial vehicle rims;*
- *Section 6: Motorcycle rims;*
- *Section 7: Moped rims.*

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 12, 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.

