
**Commercial vehicles — Wheel–hub
attachment dimensions**

*Véhicules utilitaires — Caractéristiques dimensionnelles de la fixation
de la roue sur le moyeu*



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Foreword

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The main task of technical committees is to prepare International Standards. 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.

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ISO 4107 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 19, *Wheels*.

This fourth edition cancels and replaces the third edition (ISO 4107:1998), which has been technically revised to include aluminium wheels and to add tolerances and modifications to the existing dimensions.

Introduction

This International Standard was developed in response to requests to establish uniform wheel–hub interface dimensions used on vehicles with flat attachment-style wheel mountings. There are other dimensional and performance characteristics of the wheel system that also need to be evaluated to ensure proper usage on a vehicle.

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1 Scope

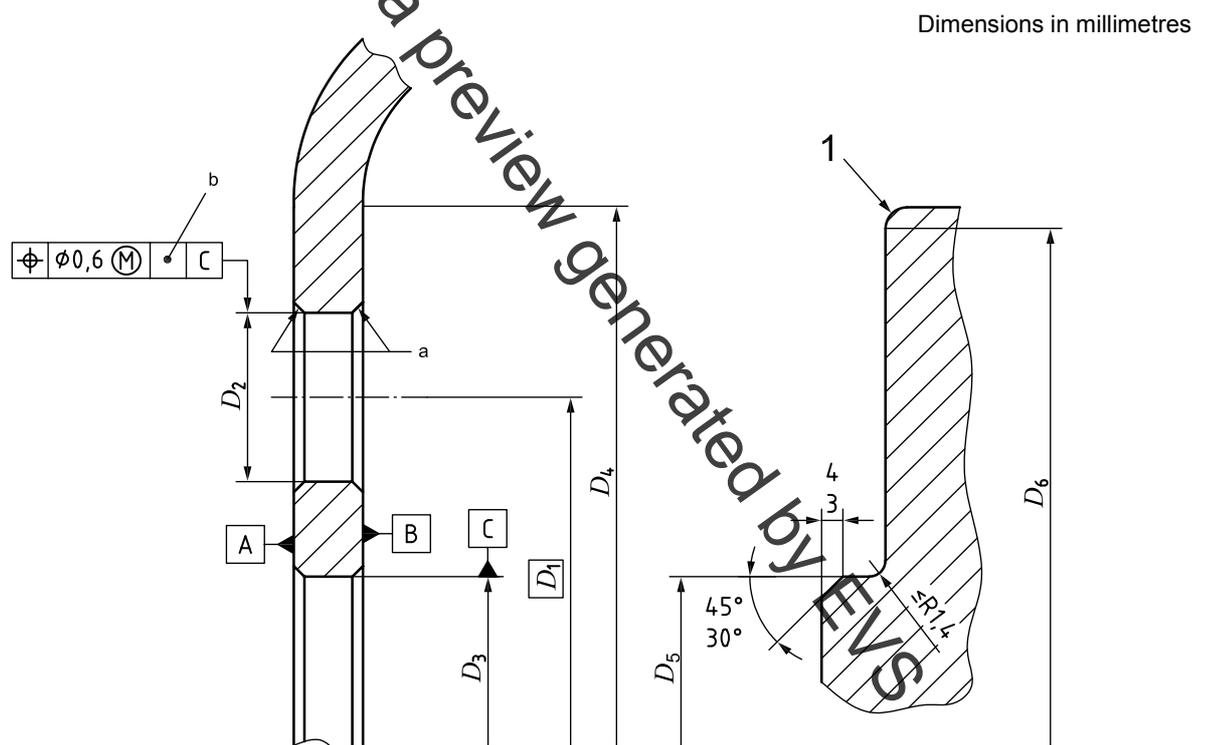
This International Standard specifies the dimensions necessary for the attachment of a commercial road vehicle wheel on the hub of the vehicle whose fixing has six, eight or ten stud holes.

This International Standard considers the flat attachment type with centring on central bore, which is the recommended type for future equipment. Other types are currently in use.

The specifications do not imply that the wheel is interchangeable from one vehicle to another.

2 Flat attachment with centring on central bore

The dimensions of the wheel and hub shall be as specified in Figure 1 and Table 1.



Key

1 sharp edge broken by radius or chamfer

NOTE The wheel support is shown on the right for information.

a Break sharp edge.

b A or B.

Figure 1 — Dimensions of wheel and hub