
Commercial vehicles — Wheel-hub attachment dimensions

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



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Contents		Page
Foreword.....		iv
Introduction.....		v
1	Scope.....	1
2	Normative references.....	1
3	Terms and definitions.....	1
4	Flat attachment with centring on central bore.....	1

Foreword

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This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 33, *Vehicle dynamics, chassis components and driving automation systems testing*.

This fifth edition cancels and replaces the fourth edition (ISO 4107:2010), which has been technically revised.

The main changes are as follows:

- Table 1: tolerances have been adjusted to state-of-the-art developments.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document 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 are also evaluated to ensure proper usage on a vehicle.

Commercial vehicles — Wheel-hub attachment dimensions

1 Scope

This document 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 document 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 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 terminology databases for use in standardization at the following addresses:

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

4 Flat attachment with centring on central bore

The dimensions of the wheel and hub shall be as specified in [Figure 1](#) and [Table 1](#).