

INTERNATIONAL STANDARD

**ISO
6697**

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Cycles — Hubs and freewheels — Assembly dimensions

Cycles — Moyeux et roues libres — Dimensions d'assemblage



Reference number
ISO 6697:1994(E)



Documents

Document Sharing Hub

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.

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.

International Standard ISO 6697 was prepared by Technical Committee ISO/TC 149, *Cycles*, Subcommittee SC 2, *Sub-assemblies and components*.

Annex A of this International Standard is for information only.

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International Organization for Standardization

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Cycles — Hubs and freewheels — Assembly dimensions

1 Scope

This International Standard specifies the main dimensions for hubs and freewheels, including single-speed coaster brake hubs and multispeed gear hubs, to ensure assembly and interchangeability.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 6698:1989, *Cycles — Screw threads used to assemble freewheels on bicycle hubs*.

ISO 8090:1990, *Cycles — Terminology*.

ISO 9633:1992, *Cycle chains — Characteristics and test methods*.

3 Dimensions

NOTE 1 The figures are given as an indication only, and do not imply any design requirements.

3.1 Front hub

Front hub dimensions are shown in figure 1 and given in table 1.

3.2 Rear hub

Rear hub dimensions are shown in figure 2 and given in table 2.

3.3 Freewheels

Freewheel dimensions are shown in figure 3 and given in table 3.

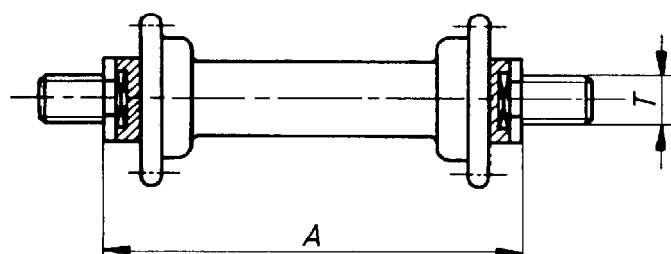


Figure 1

Table 1 — Front hub dimensions

Dimensions in millimetres

Width A ± 1	Axle thread T
100	M8 $\times$ 1 or M9 $\times$ 1
91	