

INTERNATIONAL STANDARD

ISO
8562

First edition
1990-10-15

Cycles — Stem wedge angle

Cycles — Angle du coin de serrage de potence

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[ISO 8562:1990](https://standards.iteh.ai/catalog/standards/sist/f7d61c70-8704-4a3a-b376-8ff8d318591/iso-8562-1990)

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Reference number
ISO 8562:1990(E)

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 8562 was prepared by Technical Committee ISO/TC 149, *Cycles*.

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Cycles — Stem wedge angle

1 Scope

This International Standard specifies the stem wedge angle intended to ensure a secure assembly between the handlebar stem and the fork stem.

NOTE 1 The wedge angle has the same function as the angle of the expander cone.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was 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 edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 4210:1989, *Cycles — Safety requirements of bicycles*.

3 Stem wedge angle

The nominal angle, α (see figure 1), of a stem wedge shall be 36°.

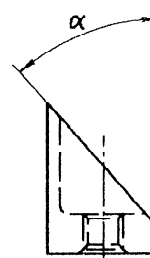


Figure 1

4 Assembly conditions

The assembly of a handlebar stem with such a stem wedge, fork stem and the expander bolt tightened in accordance with the manufacturer's instruction shall comply with the requirements of ISO 4210:1989, 2.3.5 and 4.5.3.

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Descriptors: road vehicles, bicycles, cones, dimensions, angles (geometry).

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