

# INTERNATIONAL STANDARD

**ISO**  
**10061**

First edition  
1991-11-01

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## Road vehicles — Trailers, including caravans — Height of coupling head

**iTeh STANDARD PREVIEW**  
*Véhicules routiers — Remorques, y compris les caravanes — Hauteur du  
centre d'accouplement*  
**(standards.iteh.ai)**

ISO 10061:1991

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Reference number  
ISO 10061:1991(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 10061 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Sub-Committee SC 4, *Caravans and light trailers*.

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# Road vehicles — Trailers, including caravans — Height of coupling head

## 1 Scope

This International Standard specifies the height of the coupling head for trailers of categories O<sub>1</sub> and O<sub>2</sub><sup>1)</sup>, which fit coupling balls complying with ISO 1103.

This requirement guarantees the correct angle between trailers and towing vehicles, and allows easy joining of the two.

## 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 1103:1976, *Road vehicles — Caravans and light trailers — Coupling ball — Dimensional characteristics*.

ISO 1176:1990, *Road vehicles — Masses — Vocabulary and codes*.

ISO 7237:—<sup>2)</sup>, *Caravans — Masses and dimensions — Vocabulary*.

## 3 Definitions

For the purposes of this International Standard, the definitions in ISO 1176 and ISO 7237 (specifically for caravans) apply.

## 4 General

The height of the coupling head is specified for a trailer when horizontal.

For trailers with a floor, the floor surface shall be used as the horizontal reference.

For trailers without such a reference surface (e.g. boat trailers or similar) the manufacturer shall define a horizontal reference line.

## 5 Height of coupling head

When the trailer, at maximum authorized total mass (ISO M-08), is positioned on a horizontal surface in the correct horizontal attitude, the height of the coupling head measured from the centre of the spherical socket shall be  $(430 \pm 35)$  mm above the horizontal surface (see figure 1).

1) Definitions from UN/ECE Regulation, incorporating the 05 series of amendments:

**Category O<sub>1</sub>**: Single-axle trailers, other than semi-trailers, with a maximum mass not exceeding 0,75 t.

**Category O<sub>2</sub>**: Trailers with a maximum mass not exceeding 3,5 t, other than trailers of category O<sub>1</sub>.

2) To be published. (Revision of ISO 7237:1981)

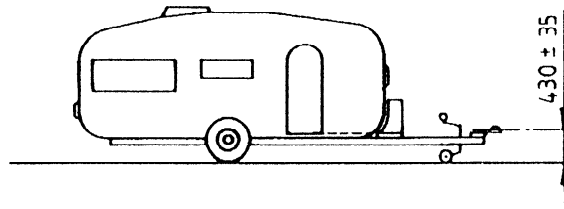


Figure 1 — Coupling head height

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**UDC 629.1-43.013.5**

**Descriptors:** road vehicles, caravans, trailers, towing attachments, ball couplings, specifications, position (location).

Price based on 2 pages

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