
**Road vehicles — 90 semi-trailer fifth wheel
kingpin — Interchangeability**

*Véhicules routiers — Pivot d'attelage de 90 pour semi-remorque —
Interchangeabilité*

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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.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4086 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 15, *Interchangeability of components of commercial vehicles and buses*.

This third edition cancels and replaces the second edition (ISO 4086:1982), which has been technically revised.

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Road vehicles — 90 semi-trailer fifth wheel kingpin — Interchangeability

1 Scope

This International Standard specifies the characteristics of the 90 [89 mm (3,5") diameter] semi-trailer fifth wheel kingpin used for coupling extra-heavy-duty vehicles exceeding the limitations of weight generally laid down by official requirements.

It is applicable to fifth wheel kingpins intended for engaging 90 fifth wheels as defined in ISO 3842^[1].

This International Standard also specifies the dimensional characteristics required for mounting and interchangeability.

NOTE The dimensions of the 50 semi-trailer fifth wheel kingpin, normally used to couple semi-trailers to tractors in compliance with mass limitations usually set by compulsory regulations, are given in ISO 337^[2].

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2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 8716:—¹⁾, *Road vehicles — Fifth wheel kingpins — Strength tests*

1) To be published. (Revision of ISO 8716:1988)