

INTERNATIONAL
STANDARD

ISO
8755

Second edition
2001-10-15

**Commercial road vehicles — 40 mm
drawbar eye — Interchangeability**

*Véhicules routiers utilitaires — Anneaux de remorquage de 40 mm —
Interchangeabilité*

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Reference number
ISO 8755:2001(E)

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

International Standard ISO 8755 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 15, *Interchangeability of components of commercial vehicles and buses*.

This second edition cancels and replaces the first edition (ISO 8755:1986), which has been technically revised.

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Commercial road vehicles — 40 mm drawbar eye — Interchangeability

1 Scope

This International Standard specifies the characteristics of 40 mm drawbar eyes, necessary for the interchangeability of the coupling components on trailers and permitting interchangeability between towing vehicles and trailers equipped with these components.

This International Standard is applicable to mechanical connections designed for commercial vehicles and trailers, the maximum total mass of which is above 3,5 t.

2 Normative references

The following normative documents contain 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 editions of the normative documents 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 8718, *Commercial road vehicles — Drawbar couplings and eyes for hinged drawbars — Strength tests*

ISO 12357, *Commercial road vehicles — Drawbar couplings and eyes for rigid drawbars — Strength tests*

3 Designation

Drawbar eyes meeting the requirements of this International Standard shall be identified by the following information, in the order given and when applicable:

- a) reference to this International Standard;
- b) code D 40 for drawbar eyes (non-classified);
- c) class of drawbar eye according to 4.4 for drawbar eyes meeting the additional requirements specified therein.

EXAMPLE 1 Non-classified 40 mm drawbar eye:

Drawbar eye ISO 8755 D 40

EXAMPLE 2 Classified 40 mm drawbar eye meeting the requirements of class C:

Drawbar eye ISO 8755 D 40-C