
**Commercial road vehicles — Drawbar
couplings and eyes for rigid drawbars —**

Part 2:

Strength tests for special applications

*Véhicules routiers commerciaux — Pivot et anneaux pour barres
d'attelage rigides —*

Partie 2: Essais de résistance pour applications spéciales

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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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 12357-2 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 15, *Interchangeability of components of commercial vehicles and buses*.

ISO 12357 consists of the following parts, under the general title *Commercial road vehicles — Drawbar couplings and eyes for rigid drawbars*:

- *Part 1: Strength tests for general cargo centre-axle trailers*
- *Part 2: Strength tests for special applications*

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Commercial road vehicles — Drawbar couplings and eyes for rigid drawbars —

Part 2: Strength tests for special applications

1 Scope

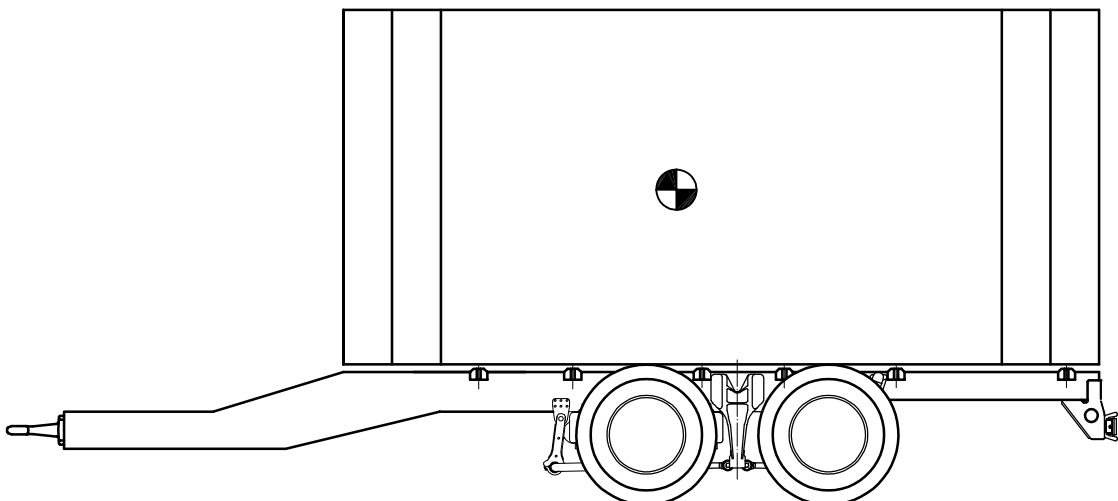
This International Standard lays down test conditions and strength requirements to be met by:

- a) Case A (see Figure 1 a): Drawbar couplings and corresponding drawbar eyes for rigid drawbars which are provided for use on rigid drawbar trailers (see 3.2) with a maximum design total mass, $C+S$, exceeding 3,5 tonnes and:
- a vertical static load S (see 3.1) exceeding 10 % of their design total mass, and/or
 - a vertical static load S greater than 1 000 kg and up to 2 000 kg.

EXAMPLE Examples of couplings and corresponding drawbar eyes include drawbar couplings according to ISO 3584 combined with drawbar eyes according to ISO 1102.

NOTE This International Standard does not apply if both values, 10 % and 1 000 kg, are not exceeded. Such towed vehicles are defined as centre-axle trailers and are subject to ISO 12357-1.

- b) Case B (see Figure 1 b): Drawbar couplings and corresponding drawbar eyes for use on vehicle transport combinations, provided for a technical mass C exceeding 3,5 tonnes.



a) Case A

Figure 1 — Examples