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Road vehicles — Mechanical couplings between tractors and semi-trailers —

Part 3:

Requirements for semi-trailer contact area to fifth wheel

Véhicules routiers — Liaisons mécaniques entre tracteurs et semi-remorques —

Partie 3: Exigences pour plateaux à friction de semi-remorques



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Foreword

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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 1726-3 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 15, *Interchangeability of components of commercial vehicles and buses*.

ISO 1726 consists of the following parts, under the general title *Road vehicles — Mechanical couplings between tractors and semi-trailers*:

- *Part 1: Interchangeability between tractors and semi-trailers for general cargo*
- *Part 2: Interchangeability between low-coupling tractors and high-volume semi-trailers*
- *Part 3: Requirements for semi-trailer contact area to fifth wheel*

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Introduction

The dimensional interchangeability of truck and trailer is specified in various standards and regulations. In order to be able to design the details and resistance of the coupling devices, the area for the introduction of forces and torques between fifth wheel and kingpin and trailer also needs to be well defined.

Since many fifth wheel coupling plates are designed with certain wear resistance and limited flexibility, stiffness needs to be taken into account when designing the mating area of the trailer, which generally is made of steel.

The fact that damage can occur in this area, including broken coupling plates, emphasizes the necessity of this part of ISO 1726.