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**Road vehicles — M12 x 1,25 spark-plugs  
with flat seating and their cylinder head  
 housings**

*Véhicules routiers — Bougies d'allumage M12 × 1,25 à siège plat et  
leurs logements dans la culasse*



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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 2705 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 1, *Ignition equipment*.

This sixth edition cancels and replaces the fifth edition (ISO 2705:1999), which has been technically revised.



# Road vehicles — M12 × 1,25 spark-plugs with flat seating and their cylinder head housings

## 1 Scope

This International Standard specifies characteristics of M12 × 1,25 spark-plugs with flat seating and their cylinder head housings, for use with spark-ignition engines.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 68-1, *ISO general purpose screw threads — Basic profile — Part 1: Metric screw threads*

ISO 261, *ISO general purpose metric screw threads — General plan*

ISO 965-1, *ISO general-purpose metric screw threads — Tolerances — Part 1: Principles and basic data*

ISO 965-3, *ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional threads*

ISO 14508, *Road vehicles — Spark-plugs — Terminals*

## 3 Terminals

The spark-plug terminal may be either the solid post or the threaded type as specified in ISO 14508. A spark-plug with threaded terminal on which a nut is applied shall respect the dimensions specified for spark-plugs with solid post terminals (see Figures 1 and 2).

## 4 Dimensions and threads

### 4.1 Spark-plug reach

The spark-plug reach shall be according to Table 1 (see Figures 1 to 4).