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**Road vehicles — Spark-plugs and  
their cylinder head housings — Basic  
characteristics and dimensions**

*Véhicules routiers — Bougies d'allumage et leur logement dans la  
culasse — Caractéristiques élémentaires et dimensions*



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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 32, *Electrical and electronic components and general system aspects*.

This third edition cancels and replaces the second edition (ISO 28741:2013), which has been technically revised.

The main changes are as follows:

- subclause [4.3](#): new subclause for additional terminal options;
- implementation of M18 spark plugs.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## Introduction

The purpose of this document is to provide a compact and concise specification on spark plugs and their cylinder head housings, which has replaced the large number of existing individual International Standards on each type of spark plug.

It is intended to specify the main properties, the design requirements, and the dimensions of most of the existing types of spark plugs and their cylinder head housings. In this way, the user can work with one comprehensive International Standard valid for most types of spark plugs, instead of a number of International Standards, each of which is specified for one type only.

The testing of spark plugs is covered in ISO 11565.

