

STANDARD

10455

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## Road vehicles — Dry ignition coils using rotating high-voltage distributor

*Véhicules routiers — Bobines d'allumage "sèches" utilisant un distributeur haute tension rotatif*



Reference number  
ISO 10455:1992(E)

## Foreword

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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.

International Standard ISO 10455 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Sub-Committee SC 1, *Ignition equipment*.

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# Road vehicles — Dry ignition coils using rotating high-voltage distributor

## 1 Scope

This International Standard specifies the dimensions of dry ignition coils using a rotating high-voltage distributor. It applies to ignition systems for spark-ignited internal combustion engines of road vehicles.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 3553-1:1987, *Road vehicles — High-tension connections for ignition coils and distributors — Part 1: Socket-type.*

ISO 3553-2:1987, *Road vehicles — High-tension connections for ignition coils and distributors — Part 2: Plug-type.*

ISO 8092-1:1989, *Road vehicles — Flat, quick-connect terminations — Part 1: Tabs for single pole connections.*

ISO 8092-2:1988, *Road vehicles — Flat, quick-connect terminations — Part 2: Tests and performance requirements for single pole connections.*

## 3 Dimensions

### 3.1 Shape and connections

The general shape of the ignition coil is left to the manufacturer's discretion.

The high-voltage connections of each coil type may be either of the socket type A specified in ISO 3553-1 or of the plug type C specified in ISO 3553-2, as agreed between car manufacturer and supplier.