ISO 28741:2023-08 (E)

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

Contents

Page

Foreword ..... **iv**

Introduction ..... **v**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 High voltage terminals **3**
4.1 General 3
4.2 SAE terminals 3
4.3 Cup terminals 4
4.4 Threaded terminal dimensions 5

5 Dimensions, threads and related items **5**
5.1 Spark plug reach 5
5.2 Gasket 6
5.3 Threads, limiting dimensions and tolerances 6

6 Other dimensions of spark plugs and their cylinder head housings **7**

7 Installation torque **7**

8 Spark plug dimensions **8**
8.1 Spark plugs with flat seating 8
8.2 Spark plugs with conical seating 13

9 Cylinder head housings **16**
9.1 Cylinder head housing for spark plugs with flat seating 16
9.2 Cylinder head housing for spark plugs with conical seating 18

Annex A (normative) **Spark plugs with half thread and their cylinder head housings** **19**

Annex B (informative) **Optional terminals for compact spark plugs** **21**

Annex C (normative) **Optional combination cylinder head housing for park plugs with conical or flat seating** **23**

Bibliography **24**