

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