## INTERNATIONAL STANDARD

ISO 28741

Third edition 2023-08

## 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





## COPYRIGHT PROTECTED DOCUMENT

© ISO 2023

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

Con	tents	Page
Forev	vord	iv
Intro	luction	v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	High voltage terminals 4.1 General 4.2 SAE terminals 4.3 Cup terminals 4.4 Threaded terminal dimensions	3 3
5	Dimensions, threads and related items 5.1 Spark plug reach 5.2 Gasket 5.3 Threads, limiting dimensions and tolerances	5 6
6	Other dimensions of spark plugs and their cylinder head housings	7
7	Installation torque	7
8	Spark plug dimensions 8.1 Spark plugs with flat seating 8.2 Spark plugs with conical seating	8
9	<ul> <li>Cylinder head housings</li> <li>9.1 Cylinder head housing for spark plugs with flat seating</li> <li>9.2 Cylinder head housing for spark plugs with conical seating</li> </ul>	16
Anne	A (normative) Spark plugs with half thread and their cylinder head housings	19
Anne	B (informative) Optional terminals for compact spark plugs	21
Anne	C (normative) Optional combination cylinder head housing for park plugs conical or flat seating	
Bibli	graphy	24