INCH-POUND
A-A-52489A
July 20, 2009
SUPERSEDING
A-A-52489
March 3, 1994

COMMERCIAL ITEM DESCRIPTION

GASKET, SPARK PLUG: NONAIRCRAFT

The General Services Administration has authorized the use of this commercial item description (CID) as a replacement for MS35910B, which is canceled.

1. SCOPE

This CID covers spark plug gaskets intended for usage in nonaircraft applications and covers two optional construction features: with or without tabs.

2. SALIENT CHARACTERISTICS

2.1 Materials. The gasket shall be made of a hot-rolled commercial quality steel in accordance with ASTM A1011/A1011M.

2.2 Finish. The gasket shall be copper plated to a minimum thickness of 0.00020 inch or zinc plated in accordance with ASTM B633.

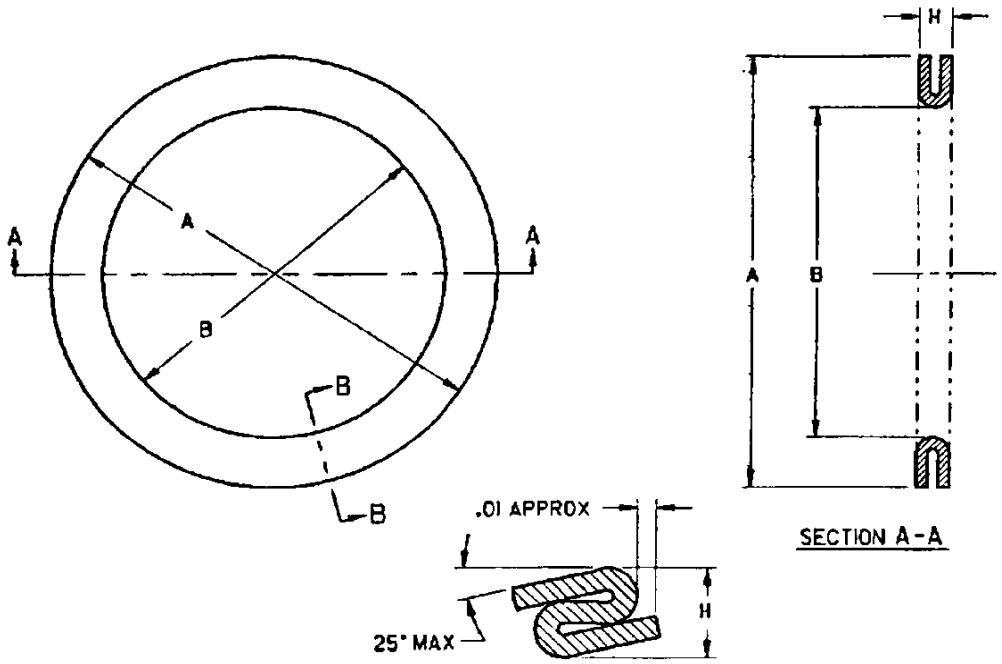
2.3 Hardness. The gasket shall have a hardness of Rockwell B50-60, No. 5 temper.

2.4 Design and construction. Unless otherwise specified in figures 1 and 2, the gaskets shall be designed and constructed in accordance with the manufacturer's drawings and specifications.

2.5 Identification and markings. Identification and markings of the gaskets shall include, as a minimum, the CID part number and the manufacturer's CAGE code and part number. These markings shall appear on the package and not on the part (see Note b).

Comments, suggestions, or questions on this document should be addressed to U.S. Army Tank-automotive and Armaments Command, ATTN: AMSRD-TAR-E/CM/DM/STND, MS# 268, 6501 E. 11 Mile Road, Warren, MI 48397-5000 or emailed to DAMI_STANDARDIZATION@conus.army.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at http://assist.daps.dla.mil.

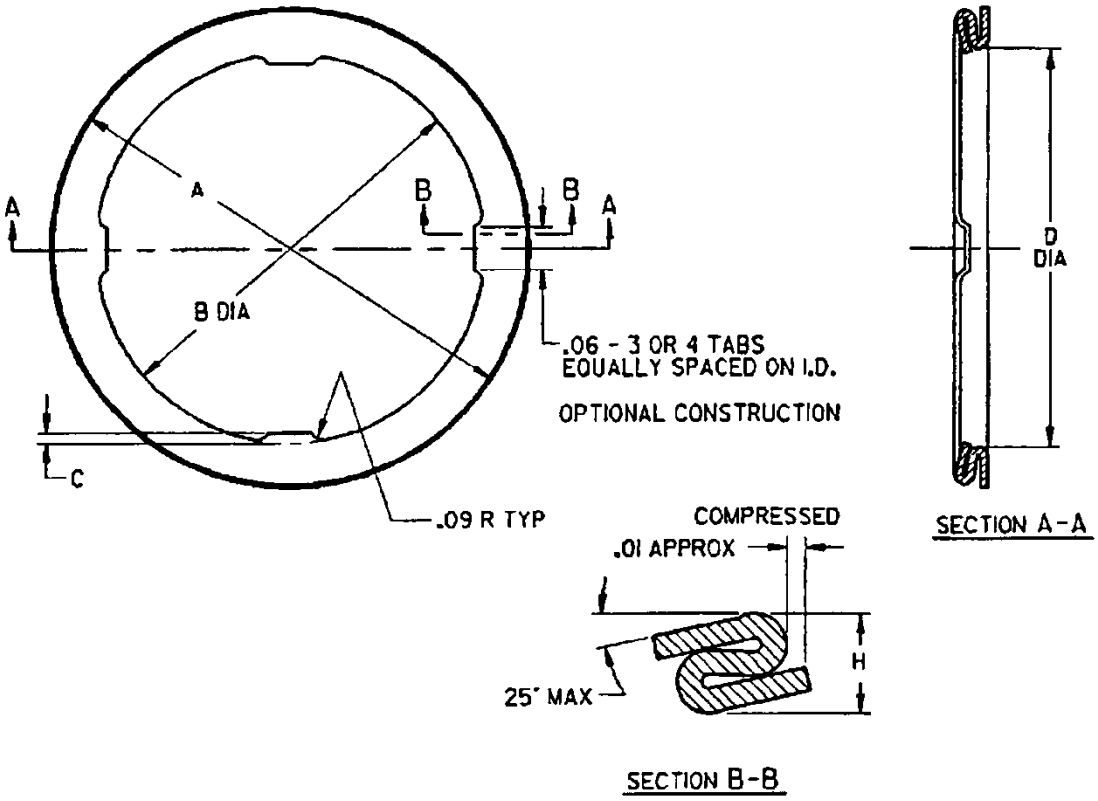
AMSC N/A FSC 2920



CID Dash No.	Former MS Dash No.	Spark Plug Size	Dimensions		Compressed Height (H)	Torque at (H) Ft. Lb.	
			A	B		Cast Iron Head	Aluminum Head
A52489-1	35910-1	*18 mm	.990 .880	.772 .710	.060 .040	32 38	28 34
A52489-2	35910-2	*14 mm	.830 .710	.565 .552	.055 .040	26 30	18 22

NOTE: Spark plug sizes (identified by *) are the subject of international standardization agreement NATO-STANAG 2602.

FIGURE 1. Gasket, spark plug: Nonaircraft.



CID Dash No.	Former MS Dash No.	Spark Plug Size	Dimensions				Compressed Height (H)	Torque at (H) Ft. Lb.[3]	
			A	B	C	D		Cast Iron Head	Aluminum Head
A52489-1	35910-1	*18 mm	.990 .870	.720 .700	.031 .023	.725 .712	.060 .040	32 38	28 34
A52489-2	35910-2	*14 mm	.830 .710	.557 .545	.020 .014	.565 .552	.055 .040	26 30	18 22

NOTE: Spark plug sizes (identified by *) are the subject of international standardization agreement NATO-STANAG 2602.

FIGURE 2. Gasket, spark plug: Nonaircraft (tab type).

3. QUALITY ASSURANCE PROVISIONS

3.1 Responsibility for inspection. The contractor is responsible for the performance of all inspections (examinations and tests).

3.2 Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this commercial item description and that the product conforms to the producer's own drawings, specifications, workmanship standards, and quality assurance practices. Items with known defects shall not be submitted for Government acceptance. The Government reserves the right to require proof of such conformance prior to the first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

4. PACKAGING

Preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order (see salient characteristic c and Note b for part number markings).

5. NOTES

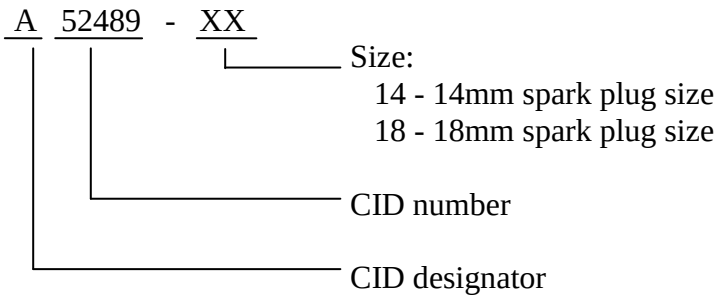
(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

5.1 Addresses for obtaining copies of referenced non-Government publications. Copies of ASTM A1011/A1011M "Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength" and ASTM B633 "Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel" are available from the American Society for Testing and Materials (ASTM), 1916 Race Street, Philadelphia, PA 19103.

5.2 Ordering data. Acquisition documents must specify the following:

1. Title, number, and date of this CID.
2. Issue of DoDISS to be cited in the solicitation, and if required, the specific issue of individual statements referenced.
3. Type and size of gasket, Pin number and quantity required.
4. Selection of applicable level and packaging requirements.

5.3 Part identification number (PIN). The PINs to be used for gaskets acquired by this CID, are created as follows:



5.4 International interest. Certain provisions of this CID (figures 1 and 2) are the subject of international standardization agreement NATO-STANAG 2602. When amendment, revision, or cancellation of this CID is proposed that will modify the international agreement concerned, the preparing activity will take appropriate action through international standardization channels, including departmental standardization offices, to change the agreement or make other appropriate accommodations.

5.5 Cross-reference data. Gaskets conforming to this CID are substitutable/interchangeable with gaskets conforming to MS35910B, dated 29 June 1979, in accordance with figures 1 and 2.

5.6 Regulatory requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

Custodian
Air Force – 99
Army – AT
Navy - MC

PREPARING ACTIVITY:
Army – AT

Review Activities
Army – CR4
DLA – CC

(Project 2920-2009-001)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at http://assist.daps.dla.mil.