

INCH-POUND

A-A-52489

March 3, 1994

SUPERSEDING

MS35910B

29 June 1979

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.

ABSTRACT

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

SALIENT CHARACTERISTICS

a. Materials. The gasket shall be made of a hot-rolled commercial quality steel in accordance with ASTM A569.

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

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

b. 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.

c. 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).

QUALITY ASSURANCE PROVISIONS

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

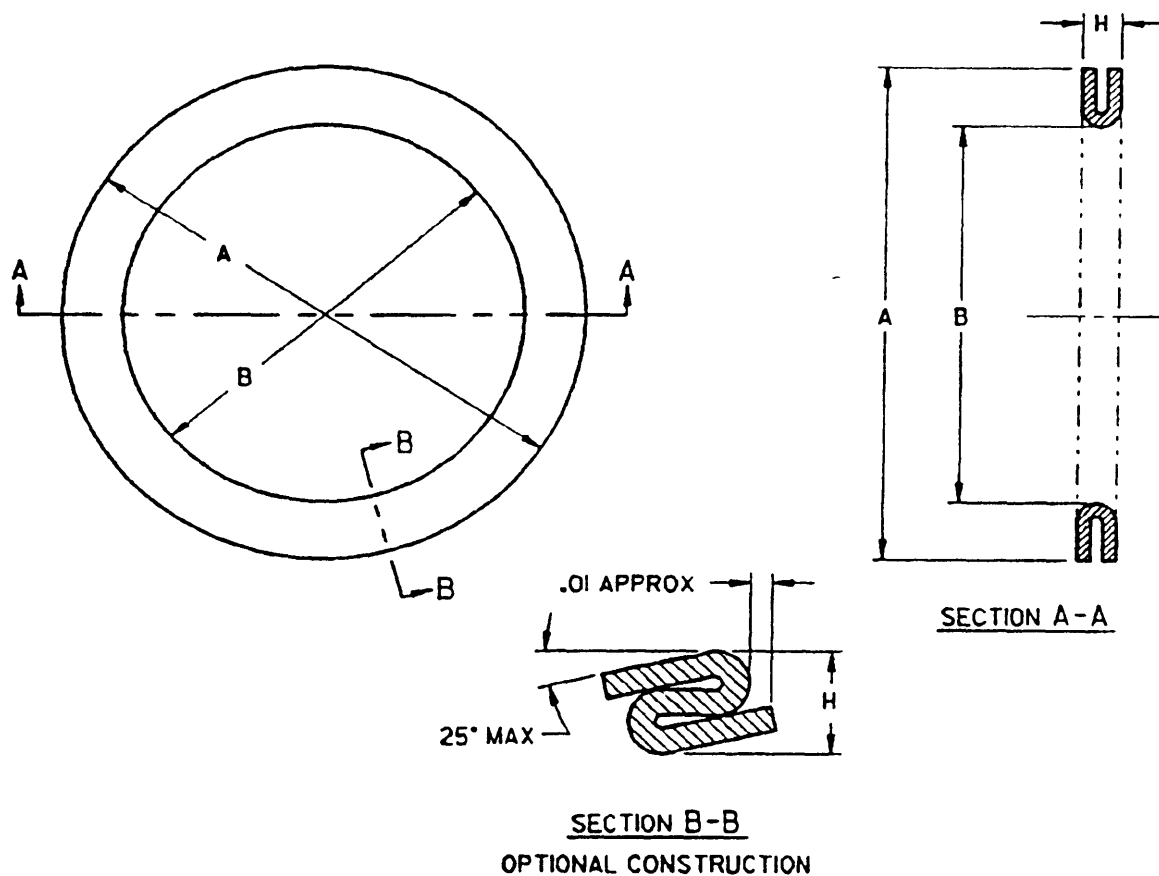
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AMSC N/A

FSC 2920

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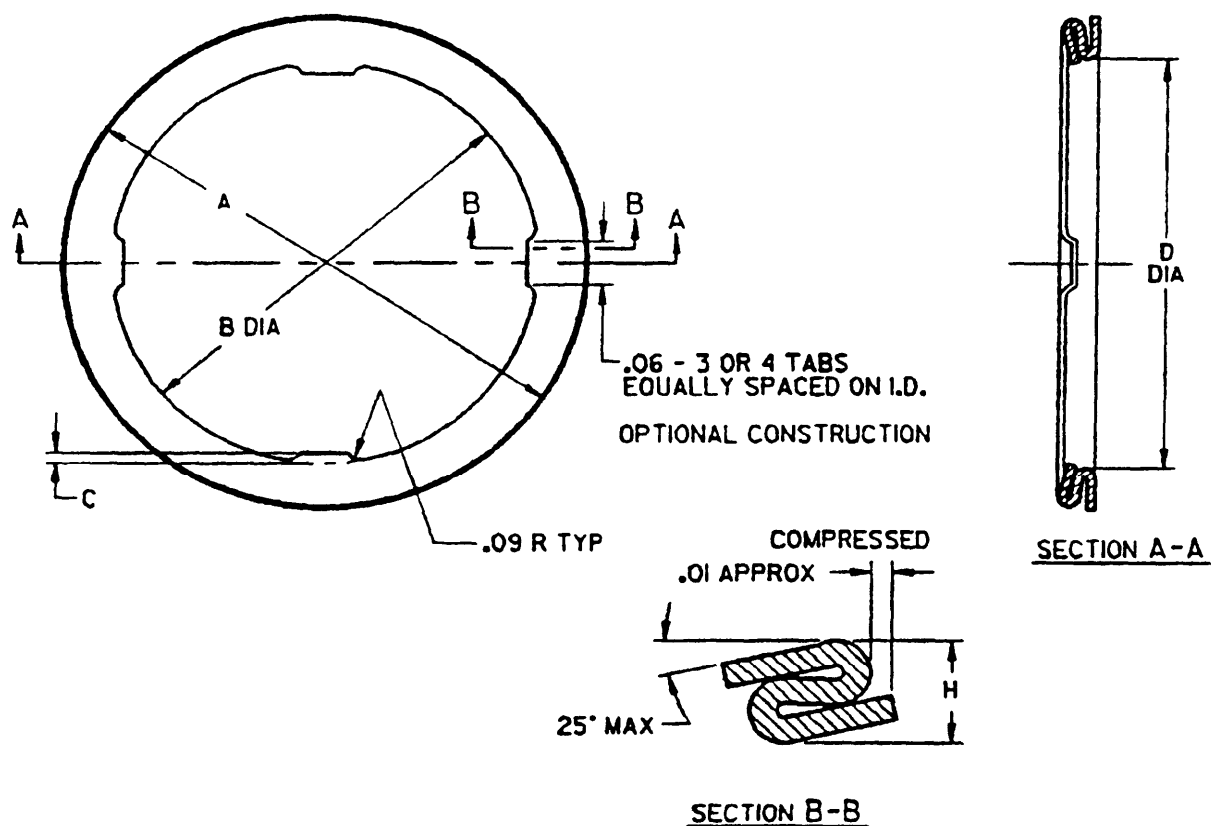


CID Dash No.	Former MS Dash No.	Spark Plug Size	Dimensions		Compressed Height (H)	Torque at (H) Ft. Lb.	
			A	B		Cast Iron Head	Aluminum Head
A52489-1	35910-1	*18 mm	.990	.772	.060	32	28
			.880	.710	.040	38	34
A52489-2	35910-2	*14 mm	.830	.565	.055	26	18
			.710	.552	.040	30	22

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

FIGURE 1. Gasket, spark plug: Nonaircraft.

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

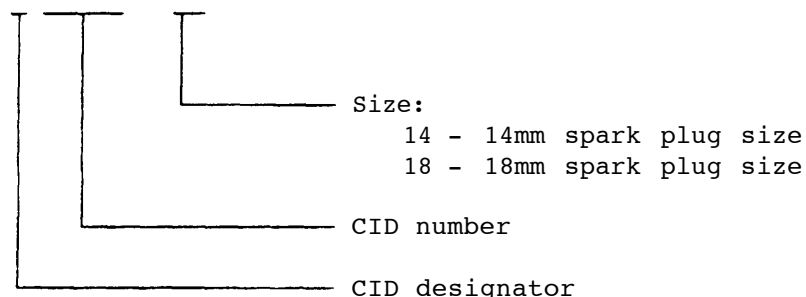
PRESERVATION , PACKAGING, PACKING, LABELING, AND MARKING

NOTES

a. Addresses for obtaining copies of referenced non-Government publications. Copies of ASTM A569 "Standard Specification for Steel, Carbon (0.15 Maximum, Percent), Hot-Rolled and Strip Commercial Quality" and ASTM B633-85 "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.

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.

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e. 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.

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

MILITARY INTERESTS:

Custodian

Air Force - 99

Review Activities

Army - ME, CS

User Activity

Navy - MC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

PREPARING ACTIVITY:

Army - AT

(Project 2920-0447)