

INCH-POUND

MS24355C
18 April 2016
SUPERSEDING
MS24355B
12 February 1963

MILITARY SPECIFICATION SHEET

COUPLING, RECEPTION – TYPE MA-2, FLIGHT-PRESSURE-REFUELING, ASSEMBLY OF

Reactivated after 18 April 2016, and may be used for
new and existing designs and acquisitions.

This specification sheet is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and the procurement specification MIL-PRF-81975.

Comments, suggestions, or questions on this document should be addressed to Air Force Sustainment Center - Oklahoma City/AFLCME/LZPES, 3001 Staff Drive, Suite 1AB81A, Tinker AFB, OK 73145 or emailed to ocalc.dsp@us.af.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

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For design feature purposes, this specification sheet takes precedence over procurement documents referenced herein. Referenced documents shall be of the issue in effect on date of invitation for bid.

REQUIREMENTS:

1. Fitting MS24358, and Flange MS24357 also used with this coupling.
2. Surface roughness: ASME-B46.1.
3. For use with Nozzle: MS24356.
4. Dimensions: In inches. Unless otherwise specified, Tolerances: Decimals ± 0.010 , Angles $\pm 1^\circ$.

NOTES:

International Standardization Agreement: This specification sheet implements STANAG-3447, Aerial Refueling Equipment Dimensional and Functional Characteristics. When amendment, revision, or cancellation of this specification sheet is proposed, the preparing activity must coordinate the action with the U.S. National Point of Contact for the International Standardization Agreement, as identified in the ASSIST database at <https://assist.dla.mil>.

This document references the following:

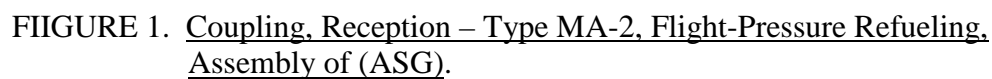
MS24356, Nozzle - Type MA-2, Flight Pressure Refueling (ASG)
MS24357, Flange, Drogue Cone - Type MA-2 Reception Coupling, Flight Pressure
Refueling, Outline Dimensions for
MS24358, Fitting, Hose End - Type MA-2, Flight Pressure Refueling, Reception
Coupling, Outline Dimensions for
MIL-PRF-81975, Couplings, Regulated, Aerial Pressure Refueling Type MA-2, Type
MA-3 and Type MA-4

(Copies of these documents are available from <https://assist.dla.mil>.)

ASME-B46.1, Surface Texture (Surface Roughness, Waviness, and Lay) (DoD Adopted)

(Copies of this document are available from <http://www.asme.org/>.)

Changes from previous issue: Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.



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Custodians:

Navy - AS

Air Force - 71

Preparing activity

Air Force - 71

(Project 1680-2016-001)

Reviewer activities:

Air Force – 99

DLA - GS

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