Downloaded from http://www.everyspec.com

INCH-POUND

MS24357B
18 April 2016
SUPERSEDING
MS24357A
15 May, 1961

DETAIL SPECIFICATION SHEET

FLANGE, DROGUE CONE – TYPE MA-2 RECEPTION COUPLING, FLIGHT PRESSURE REFUELING, OUTLINE DIMENSIONS FOR

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, Couplings, Regulated, Aerial Pressure Refueling Type MA-2, Type MA-3 and Type MA-4.

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.

AMSC N/A FSC 1680

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Downloaded from http://www.everyspec.com

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. In the event of a conflict between the text of this specification sheet and the references cited herein, the text of this specification shall take precedence.

REQUIREMENTS:

1. Where specified surface roughness 63√ ASME B46.1.
2. Dimensions in Inches. Unless otherwise specified, Tolerances: Decimals +/- .010, Angles +/- 2 degrees.
3. This flange for use with Coupling, MS24355-1.

NOTES:

This document references the following:

MIL-S-7742, Screw Threads, Standard, Optimum Selected Series:
General Specification for
MS24355, Coupling Reception – Type MA-2, Flight Pressure Refueling, Assembly of

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

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

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

NAS1149, Washer, Flat

(Copies of this document are available from standards@aia-aerospace.org.)

SAE AS8879, Screw Threads - UNJ Profile, Inch Controlled Radius Root with Increased Minor Diameter

(Copies of this document are available from http://www.sae.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.

Downloaded from http://www.everyspec.com

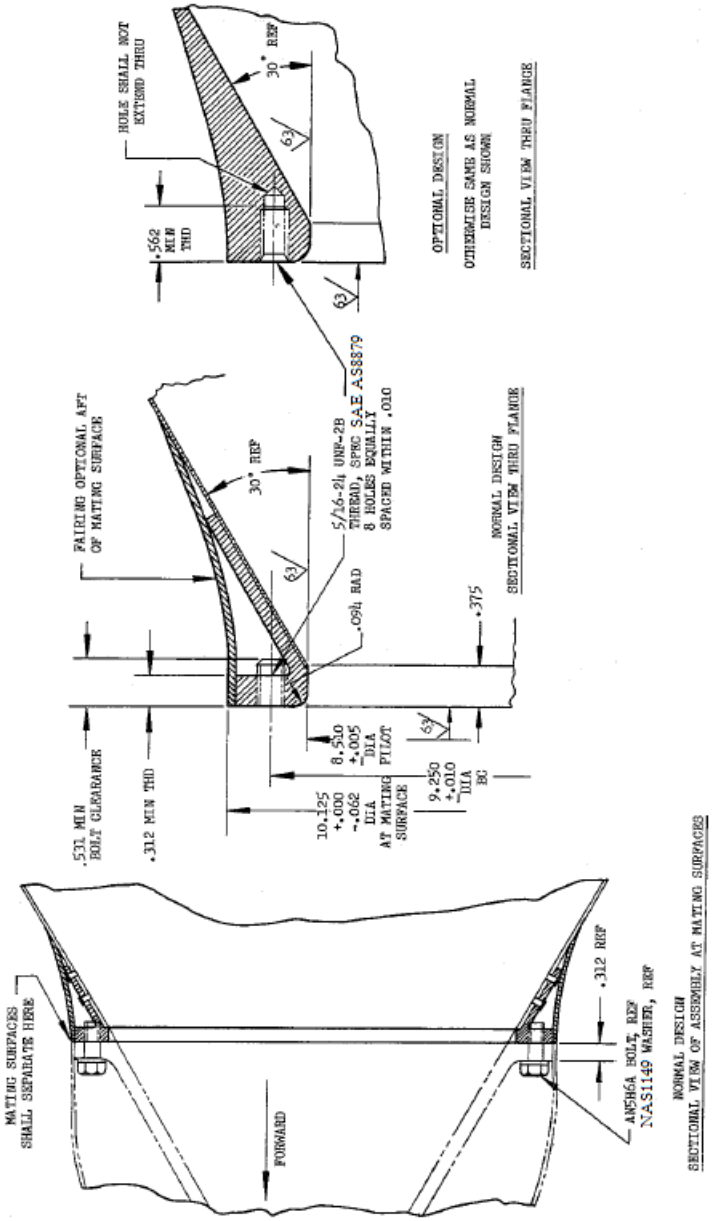

FIGURE 1. Flange, drogue cone – type ma-2 reception coupling, flight pressure refueling, outline dimensions for.

Downloaded from http://www.everyspec.com

Custodians:
Air Force - 71
Navy - AS

Preparing activity:
Air Force - 71

(Project 1680-2016-003)

Reviewer activities:
Air Force – 99
DLA - GS

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 database at https://assist.dla.mil/.