

INCH-POUND

MS28028D
9 August 2011
SUPERSEDING
MS28028C
23 April 1969

DETAIL SPECIFICATION SHEET

THERMOMETER, SELF-INDICATING, BIMETALLIC

Inactive for new design after 26 March 1999.

This specification 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 MIL-DTL-6508, "Thermometer, Self-Indicating, Bimetallic".

INTENDED USE:

1. The thermometers covered by this specification sheet are intended for use in aircraft to indicate the free air temperature.

REQUIREMENTS:

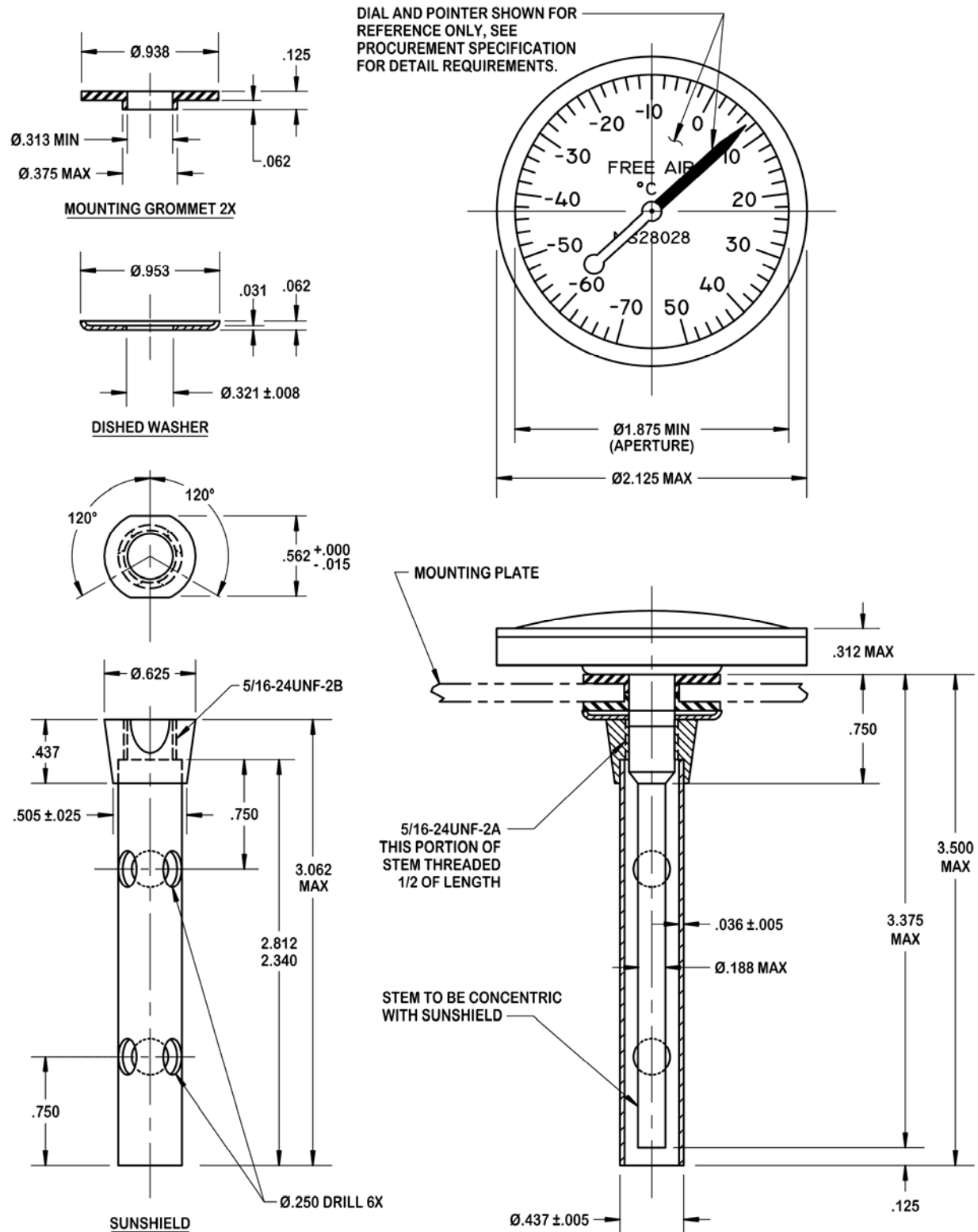
1. Material: Material shall be in accordance with MIL-DTL-6508.
2. Finish: Finish shall be in accordance with MIL-DTL-6508.
3. Design: Design shall be in accordance with MIL-DTL-6508.

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NOTES:

1. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence.
2. Unless otherwise specified, issues of referenced documents are those in effect at time of solicitation.
3. The thermometers shall be classified by the following part numbers:
 - a. MS28028-1 - Luminescent dial markings.
 - b. MS28028-2 - Lusterless white dial markings.
4. Interpret figures in accordance with ASME Y14.5.

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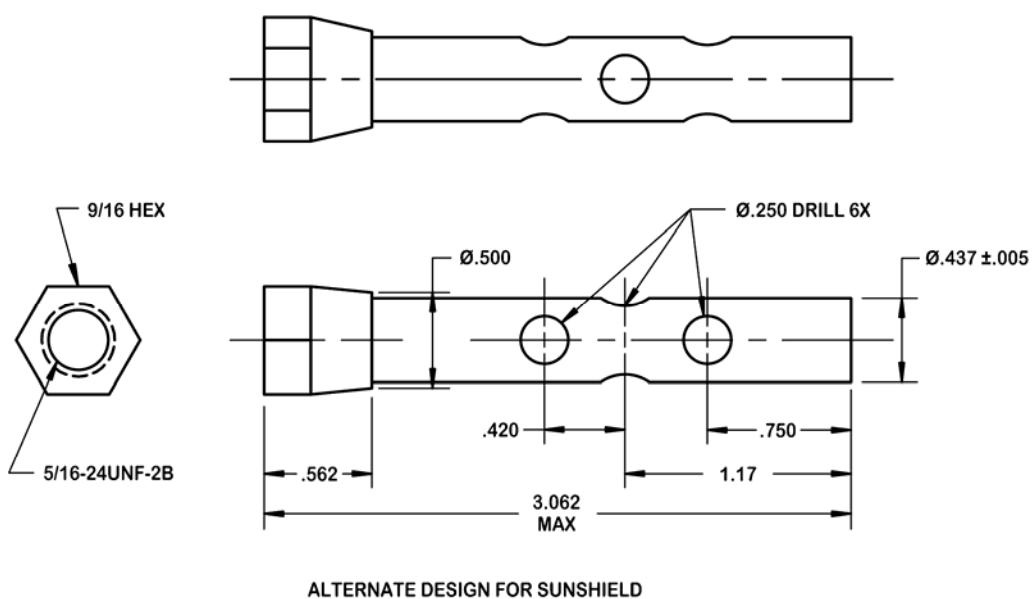


NOTES:

1. Dimensions are in inches.
2. Unless otherwise shown, all tolerances are ± 0.016 .

FIGURE 1. Self-indicating, bimetallic thermometer.

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NOTES:

1. Dimensions are in inches.
2. Unless otherwise shown, all tolerances are ± 0.016 .

FIGURE 2. Alternate sunshield.

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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.

Custodians:

Army - GL

Navy - AS

Air Force - 99

DLA - GS

Preparing Activity:

DLA - GS1

(Project 6685-2011-011)

Review Activities:

Navy - CG

Air Force - 71

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.daps.dla.mil/>.