

INCH-POUND

MS25165F
 2 December 2010
 SUPERSEDING
 MS25165E
 17 June 1975

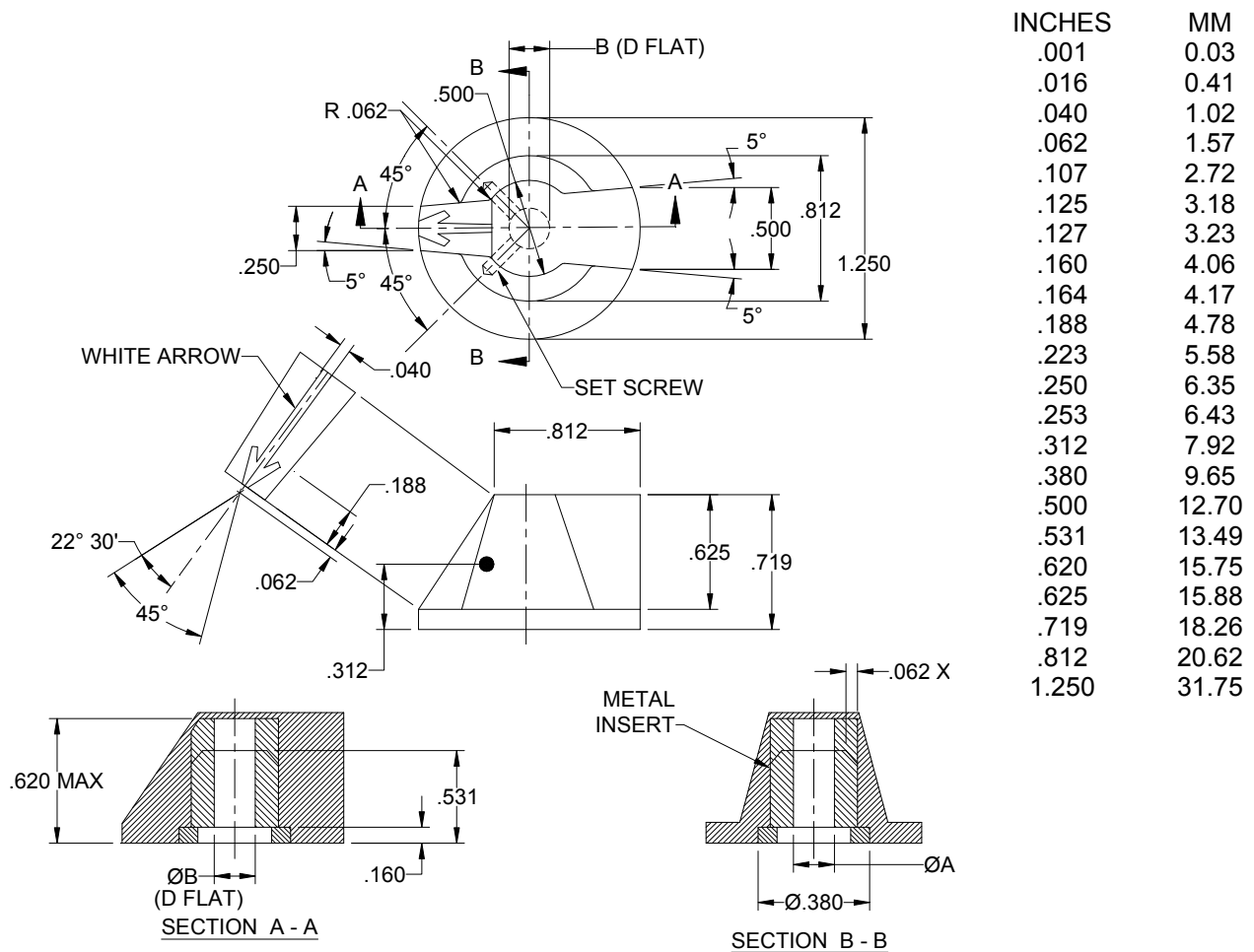
DETAIL SPECIFICATION SHEET

KNOB, POINTER, ILLUMINATED, SMALL (ASG)

Inactive for new design after 23 July 1997.

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 procurement specification NASM25049.

FIGURE I. Knob.

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TABLE I. Part Numbers and Dimensions.

MIL - PART NUMBER	B ± .001	A ± .001	SHAFT SIZE	COLOR
MS25165-1	.223	.253	.250	GRAY
MS25165-2	.107	.127	.125	GRAY
MS25165-3	.223	.253	.250	BLACK
MS25165-4	.107	.127	.125	BLACK

Notes:

- 1 Dimensions are in inches.
- 2 Unless otherwise specified, tolerance is $\pm .016$ (.41 mm), angle $\pm 2^\circ 0'$.
- 3 Metric equivalents (to the nearest .01 mm) are given on figure 1 for general information only and are based upon 1 inch = 25.4 mm.
- 4 For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- 5 Referenced documents shall be of the issue in effect on the date of invitation for bid.
- 6 Material: Knob, transparent thermoplastic. Insert, brass per ASTM B36/36M. Setscrew, CRES per SAE-AMS-S-7720.
- 7 Finish: Knob, grey or black color number 36231 or 37038 per FED-STD-595. Index line, white color number 37875 per FED-STD-595. Insert, nickel plate per SAE-AMS-QQ-N-290, bright finish, Class 2, Grade G.
- 8 Percent transmittance $12.0 \pm 3\%$.
- 9 There shall be no light leak around the setscrew.
- 10 Bottom surface of the knob shall be polished.
- 11 All outside corners and inside fillets shall have a .04 (1.02 mm) radius.
- 12 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:
Army - CR
Navy - AS
Air Force – 11

Preparing Activity:
DLA -IS

(Project 5355-2010-001)

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 <https://assist.daps.dla.mil>.