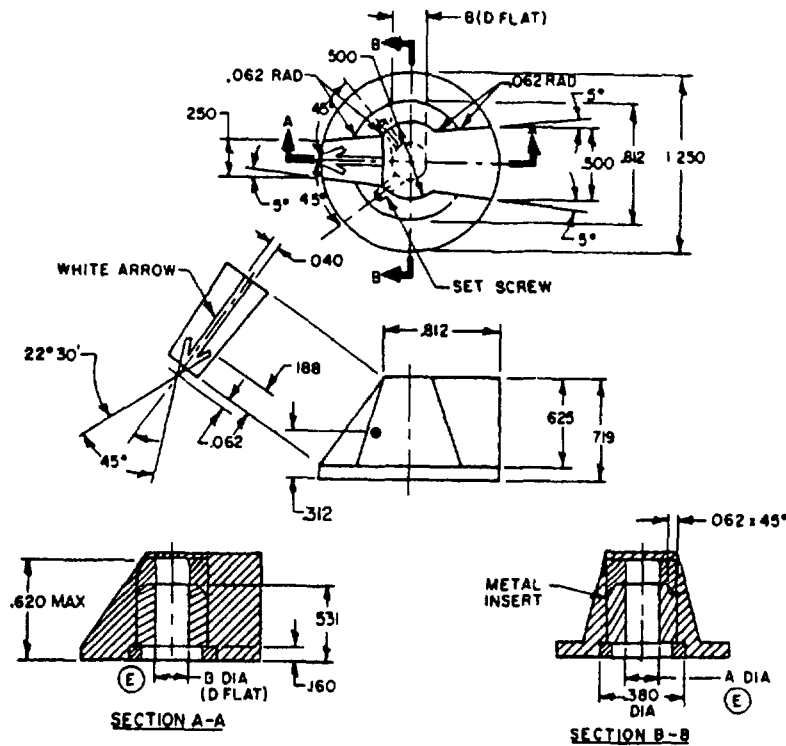


User activities	Army	Navy	Air Force
1. Planning	1.1	1.1	1.1
2. Execution	2.1	2.1	2.1
3. Evaluation	3.1	3.1	3.1
4. Reporting	4.1	4.1	4.1
5. Maintenance	5.1	5.1	5.1
6. Improvement	6.1	6.1	6.1

**Reviewer activities**      **Army**  
**Navy**  
**Air Force**

This military standard is approved for use by Naval Air Systems Command Department of the Navy and is available for use by all Departments and Agencies of the Department of Defense



INCHES	MM
.001	0.03
.016	0.41
.040	1.02
.062	1.57
.107	2.72
.125	3.18
.127	3.23
.160	4.06
.164	4.17
.188	4.78
.223	5.56
.250	6.35
.253	6.43
.312	7.92
.380	9.65
.500	12.70
.531	13.49
.620	15.75
.625	15.88
.719	18.26
.812	20.62
1.250	31.75

MIL-PART NUMBER	B $\pm$ .001	A $\pm$ .001	SHAFT SIZE	COLOR
MS25165-1	.223	.253	.250	Gray
-2	.107	.127	.125	Gray
-3	.223	.253	.250	Black
-4	.107	.127	.125	Black

## NOTES

1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is  $\pm .016$  (.41 mm), angles  $\pm 2^\circ 0'$
3. Metric equivalents (to the nearest .01 mm) are given 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 date of invitations for bid
6. Material
  - Knob, transparent thermoplastic
  - Insert, brass per QQ-B-626
  - Set screw, cres per MIL-S-7720
7. Finish
  - Knob, gray 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 QQ-N-290, bright, type VII, class 2.
8. Percent transmittance  $12.0 \pm 3\%$ .
9. There shall be no light leak around the set screw.
10. Bottom surface of the knob shall be polished.
11. All outside corners and inside fillets shall have a .04 (1.02 mm) radius

Part Navy-AS	International n. area	TITLE	MILITARY STANDARD
Other Cus USAF-11 Army-EL		KNOB, POINTER, ILLUMINATED, SMALL	MS25165
Part Specification MIL-K-25049		SUPERSEDES	SHEET 1 OF 1

APPROVED 6 Jul 55  
REVISED (A) 10 Oct 55 (B) 22 Jan 57 (C) 10 Sep 58 (D) 24 Nov 64 (E) 17 Jun 75