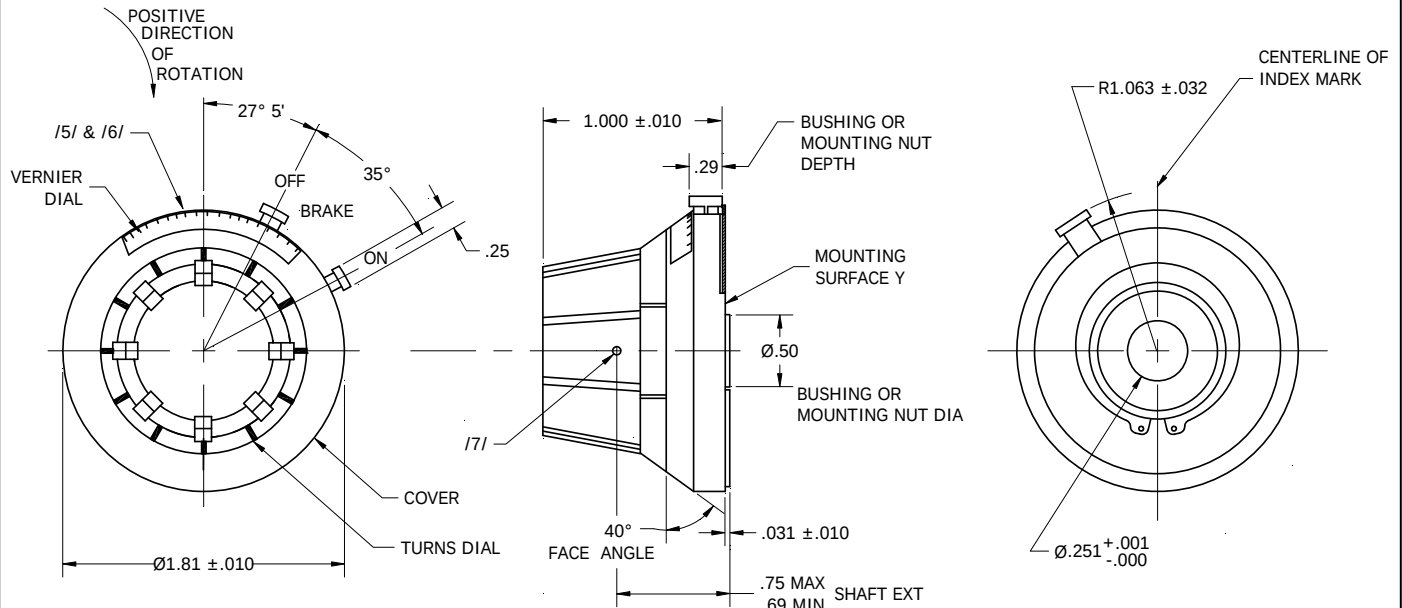


FED. SUPPLY CLASS

5355



NOTES:

- (1) ALL DIMENSIONS ARE IN INCHES.
- (2) METRIC EQUIVALENTS (TO NEAREST .01 mm) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 mm.

INCHES	mm	INCHES	mm	INCHES	mm
.001	.03	.251	6.38	1.000	25.40
.010	.25	.29	7.37	1.063	27.00
.031	.79	.50	12.70	1.81	45.97
.032	.81	.69	17.53		
.25	6.35	.75	19.05		

- (3) UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE $\pm .02$ (.51 mm) FOR DECIMALS AND $\pm 5^\circ$ FOR ANGLES.
- (4) APPLICATION DATA: FOR USE WITH TUNING OR SELECTING MECHANISM HAVING 3/8 - 32UNEF - 2A BUSHING.
- /5/ NUMERALS AND GRADUATION - INDENTED AND BLACK FILLED.
- /6/ INCREMENT SCALE DETAIL SHALL BE AS SHOWN.
- /7/ ONE OR MORE SET SCREWS PERMITTED.

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-D-28728/3 - REVISION A. PART NUMBERS REMAIN M28728/3.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NASM28728	TITLE DIAL, CONTROL, MULTITURN COUNTERS, 10 - TURN COUNTER, CONCENTRIC (1.810 - INCH DIAMETER)	CLASSIFICATION PART STANDARD NASM28728/3



NAS Documents
SHEET 1 OF 2

(8) TOLERANCES AND DIMENSIONING PER ANSI Y14.5M-1982.

(2) (9) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.

(10) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

(11) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REQUIREMENTS:

1. FORM AND DIMENSIONS: SEE FIGURE.

2. NUMERICAL SIZE: .100 INCH HIGH.

3. ROTATION: CONTINUOUS CLOCKWISE OR COUNTERCLOCKWISE, CLOCKWISE FOR INCREASE IN COUNT.

4. NUMBER OF TURNS: 10

5. MATERIAL:

(2) COVER - METAL.
KNOB -BLACK POLYSTYRENE.
COUNTING DIAL - ZINC DIE CAST.

6. COLORS (PER FED-STD-595):

LUSTERLESS GRAY NO. 36231
LUSTERLESS WHITE, NO. 37875

7. WEIGHT: 3 OUNCES MAXIMUM

8. METHOD OF COUNT: CONCENTRIC SCALE INCREMENT DIAL 100 DIVISIONS; TURNS-COUNTING DIAL NUMBERED 0 THROUGH 10. EPICYCLIC GEAR MOVEMENT.

9. OPERATING TEMPERATURE RANGE: -67 °F TO 185 °F (-55 °C TO 85 °C).

10. LOCKING BRAKE TORQUE: 12 INCH - POUNDS MINIMUM.

11. READOUT ACCURACY: .01 PERCENT OF FULL COUNT (1 PART IN 10,000).

12. PART NUMBER: M28728/3-001.

REVISION

2

NAS M28728/3
SHEET 2



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