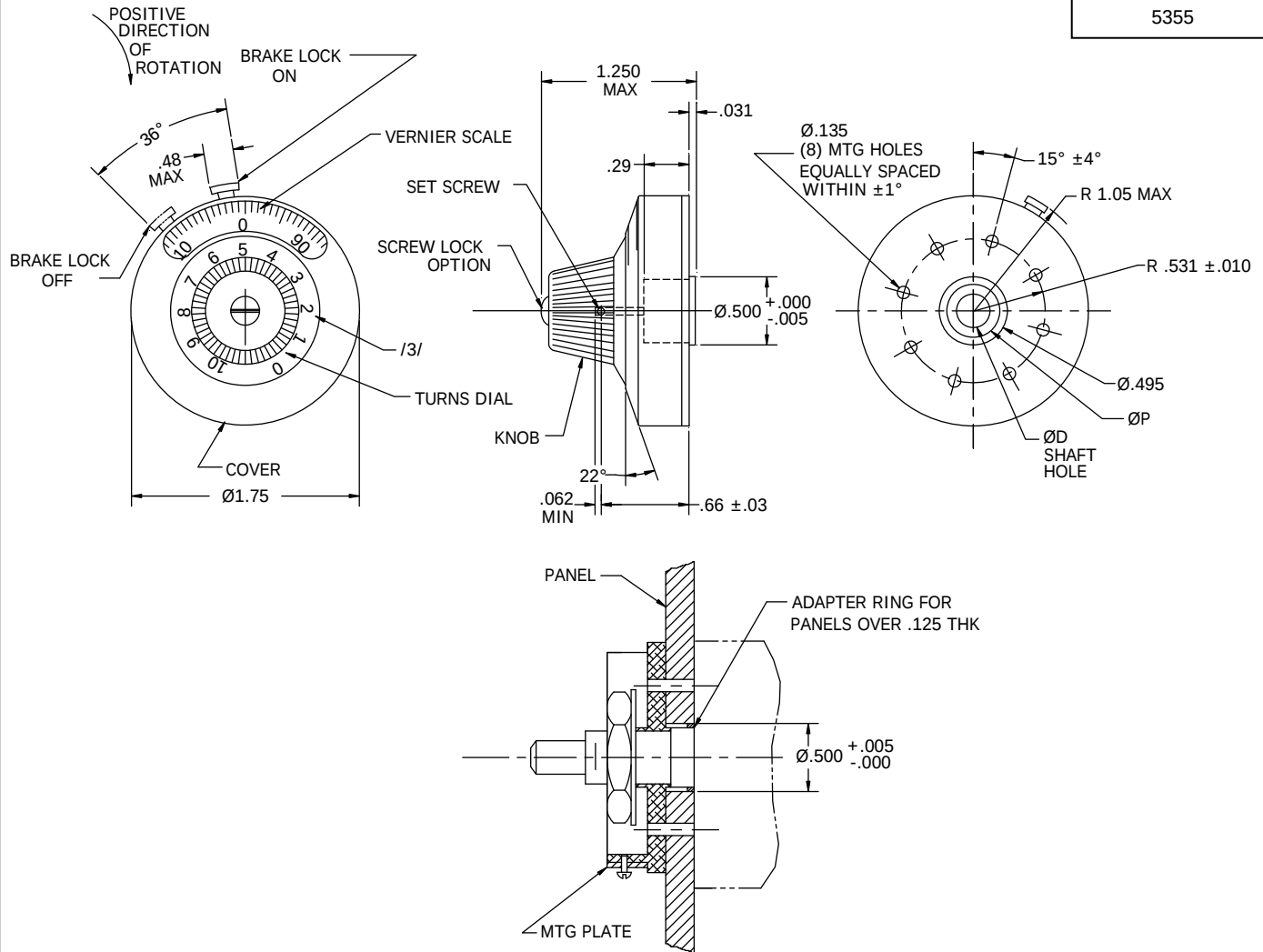


FED.SUPPLY CLASS

5355



SUGGESTED MTG DIAGRAM

FIGURE 1 – DIAL, CONTROL, MULTITURN COUNTERS, VERNIER, 1.75 DIAMETER

TABLE I – DASH NUMBERS AND DESCRIPTION

DASH NO	GEAR RATIO CODE XX.X:1	KNOB BREAK LEVER	DESCRIPTION		ØD +.002 -.000	ØP +.010 -.000	MTG NUT ONE REQUIRED	LOCKING OPTION	MTG ACCESSORIES
			COLOR CODE /7/ COVER	DIALS					
001	10.0	B	G	B	.252	.500	.375-32	LEVER	PLATE
002	10.0	B	B	C	.252	.500	.375-32	SCREW	NONE
003	10.0	B	C	C	.252	.500	.375-32	LEVER	PLATE
004	10.0	B	B	B	.252	.500	.375-32	LEVER	PLATE
005	10.0	B	G	C	.127	.397	.250-32	LEVER	PLATE

② COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-D-28728/2. PART NUMBERS REMAIN M28728/2-XXX.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NASM28728	TITLE DIAL, CONTROL, MULTITURN COUNTERS, VERNIER, 1.75 DIAMETER	CLASSIFICATION PART STANDARD
		NASM28728-2

MATERIAL:

ALL COMPONENTS SHALL BE OF SUITABLE MATERIALS TO MEET REQUIREMENTS.

FINISH (SEE TABLE I):

COLOR IN ACCORDANCE WITH THE FOLLOWING:

CHROME SATIN, NATURAL IN ACCORDANCE WITH AMS2460 ~~QQ-C-320~~, CLASS 1, TYPE II.
BLACK LUSTERLESS PAINT, COLOR NUMBER 37078 IN ACCORDANCE WITH FED-STD-595.
GRAY LUSTERLESS PAINT, COLOR NUMBER 36231 IN ACCORDANCE WITH FED-STD-595.
WHITE LUSTERLESS PAINT, COLOR NUMBER 37875 IN ACCORDANCE WITH FED-STD-595.

CODE:

THE PART NUMBER CONSISTS OF THE LETTER "M", THE BASIC NUMBER OF THIS SPECIFICATION SHEET, AND A DASH NUMBER TAKEN FROM TABLE I.

EXAMPLE OF PART NUMBER:

M28728/2-003 = DIAL, LOCKING LEVER AND MOUNTING PLATE TEN TURN COUNTER, VERNIER,
Ø1.75 BLACK KNOB, SATIN CHROME COVER AND DIALS,
WITH Ø.250 SHAFT HOLE, LOCKING LEVER AND PLATE.

NOTES:

- (1) ALL DIMENSIONS ARE IN INCHES.
- (2) UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE $\pm .010$ FOR THREE PLACE DECIMALS, $\pm .02$ FOR TWO PLACE DECIMALS AND $\pm 5^\circ -0'$ ON ANGLES.
- /3/ NUMERALS: .090 HIGH AND GRADUATIONS ARE INDENTED AND COLOR FILLED. WHITE ON BLACK DIAL AND BLACK ON GRAY DIAL.
- (4) INDICIA:
VERNIER SCALE - GRADUATIONS EVERY 18° WITH SUBDIVISIONS EVERY 3.6° . NUMERALS FROM 0 TO 90 IN TENS, MARKED EVERY OTHER GRADUATION.
TURNS SCALE - NUMERALS WITH OPTIONAL GRADUATIONS TO INDICATE NUMBER OF TURNS. THREE NUMERALS MUST BE VISIBLE IN THE WINDOW AT ALL TIMES.
- /5/ GEAR RATIO: THE FIRST TWO DIGITS OF THE GEAR RATIO CODE INDICATE WHOLE NUMBER OF TURNS OF THE KNOB NEEDED TO ROTATE THE SHAFT ONE FULL TURN (SEE TABLE I).
- (6) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- /7/ B = BLACK; C = SATIN CHROME; G = GRAY; W = WHITE
- (8) TOLERANCES AND DIMENSIONING PER ANSI Y14.5M-1982.
- (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) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REVISION

2

NAS M28728/2

SHEET 2

(2) COMPLETELY REVISED