

FED. SUPPLY CLASS

5355

FOR 1/8" SHAFT
.108 ± .002

"D" FLAT

FOR 1/4" SHAFT
.223 ± .002

SET SCREW
MS51021-102 FOR
1/8" SHAFT
MS51021-132 FOR
1/4" SHAFT
(2 REQD)

20 FLUTES
18° SPACING

2° MAX.

R .06

Ø.750

FOR 1/8" SHAFT
Ø.127 ± .001

FOR 1/4" SHAFT
Ø.253 ± .001

45°

.09

.16

.23

.20

.120

.045 ± .005

INDEX LINE

INSERT-PLASTIC
KNOBS ONLY

.63

.005 MAX.

.46 MAX.

.19

MATERIAL:

INSERT: BRASS IN ACCORDANCE WITH QQ-B-626 ASTM B121/B121M, ASTM B124/B124M, ASTM B16/B16M, OR ASTM B36/B36M.

KNOB: THERMOPLASTIC OR ALUMINUM ALLOY.

FINISH:

INSERT: NICKEL PLATE IN ACCORDANCE WITH QQ-N-290 AMS-QQ-N-290, GRADE C, CLASS 2.

KNOB: BOTTOM SURFACE OF ILLUMINATED KNOBS SHALL HAVE NO COATING AND SHALL BE POLISHED. ILLUMINATION RATIO .04 ± 15%.

COLOR:

UNLESS OTHERWISE SPECIFIED, COLORS SHALL BE IN ACCORDANCE WITH FED-STD-595.

KNOB: GRAY LUSTERLESS, COLOR NUMBER 36231

BLACK LUSTERLESS, COLOR NUMBER 37038

METAL, NATURAL-ANODIZE IN ACCORDANCE WITH MIL-A-8625

INDICIA: WHITE LUSTERLESS, COLOR NUMBER 37875

REFLECTION MAY BE REDUCED TO 50% MINIMUM

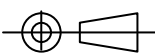
MARKINGS SHALL MEET A DAYLIGHT CONTRAST OF 9 MINIMUM

BLACK LUSTERLESS, COLOR NUMBER 37038, FOR ANODIZED KNOBS

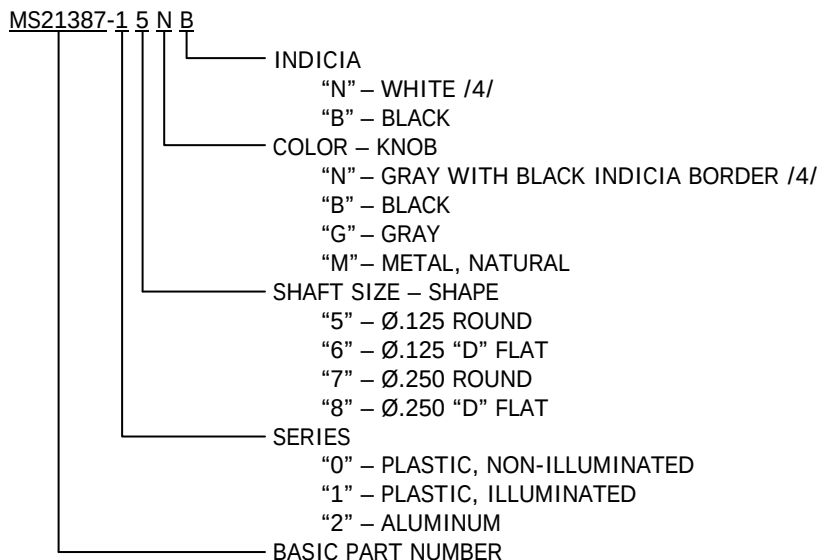
INDICIA BORDER: BLACK LUSTERLESS, COLOR NUMBER 37038

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21387, REVISION E. PART NUMBERS REMAIN MS21387.

THIRD ANGLE PROJECTION 	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM25049	TITLE KNOB, ROUND ILLUMINATED AND NON-ILLUMINATED, SMALL ①	CLASSIFICATION PART STANDARD NASM21387 SHEET 1 OF 2

EXAMPLE OF PART NUMBER:



NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (2) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS: .XXX ± .010 (0,25 mm), .XX ± .02 (0,51 mm); ANGLES: ±0°30'.
- (3) WEIGHT: .33 OUNCES MAXIMUM.
- /4/ WHEN BOTH "N" OPTIONS (COLOR-KNOB AND INDICIA) ARE SELECTED, OMIT BOTH "N" CODES FROM THE PART NUMBER.
- (5) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (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) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (8) 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.
- /9/ METRIC EQUIVALENTS (TO THE NEAREST 0,01 mm) ARE GIVEN FOR INFORMATION ONLY AND ARE BASED ON 1 INCH = 25,4 mm.

TABLE I – METRIC EQUIVALENTS /9/

INCHES	mm	INCHES	mm	INCHES	mm
.001	0,03	.12	3,05	.23	5,84
.002	0,05	.125	3,18	.25	6,35
.005	0,13	.127	3,22	.253	6,43
.045	1,14	.16	4,06	.46	11,68
.06	1,52	.19	4,83	.63	16,00
.09	2,29	.20	5,08	.75	19,05
.108	2,74	.223	5,66		

REVISION
1
MS21387
SHEET 2

