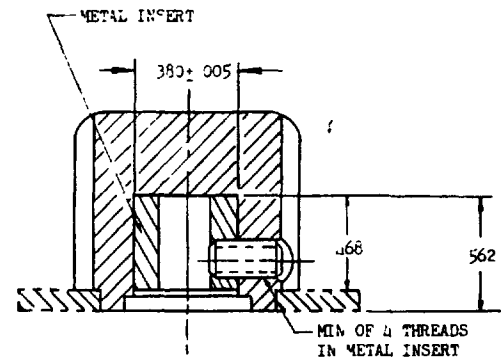
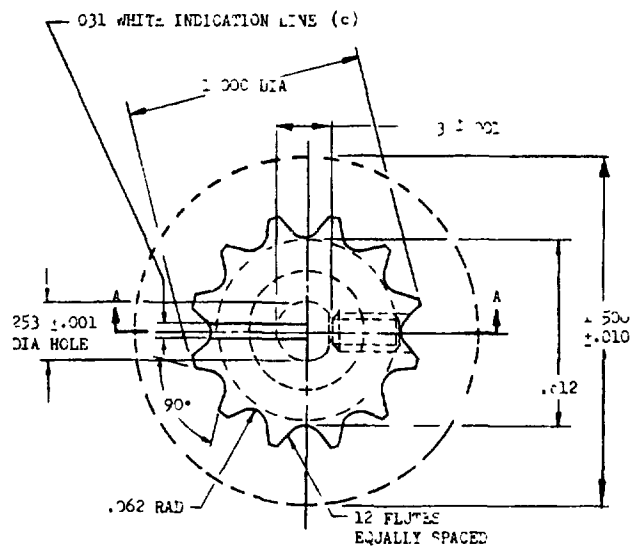
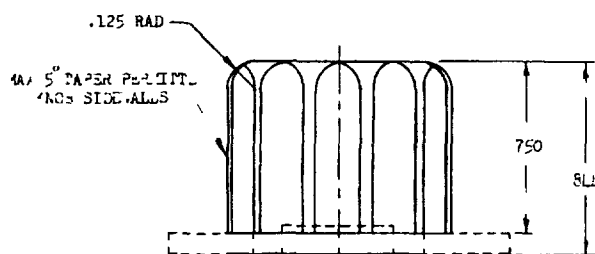
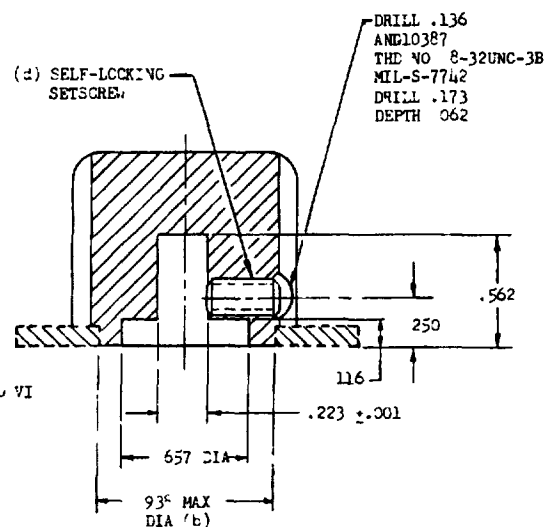


FED SUP CLASS  
5355ALTERNATE  
SECTION A-A  
SHOWING PLASTIC KNOB  
WITH METAL INSERTPERMANENTLY MARK,  
MS PART NO AND  
MANUFACTURER'S NAME OR TRADEMARKTYPE IV, V, AND VI  
SKIRT REQUIRED  
WHEN SPECIFIED  
(a)

SECTION A-A

SHOWING ALL METAL KNOB

(d) NAS- NUMBER	(a) KNOB FORM	MATERIAL
-1	WITHOUT SKIRT	METAL
P1	CUTOUT SKIRT	PLASTIC
-2	WITH TYPE I SKIRT	METAL
P2	WITH TYPE V SKIRT	PLASTIC
-3	WITH TYPE VI SKIRT	METAL
P3	WITH TYPE VI SKIRT	PLASTIC
-4	WITH TYPE VII SKIRT	METAL
P4	WITH TYPE VII SKIRT	PLASTIC

REFER TO SHEET 2 FOR GENERAL NOTES

FOR CHANGES SEE SHEETS 1 AND 2.

PA Navy - WP  
Other Cust  
USAF - 11

TITLE

KNOB, ROUND

MILITARY STANDARD

MS25168 (ASG)

PROCUREMENT SPECIFICATION  
MIL-K-25049

SUPERSEDES

SHEET 1 OF 2

APPROVED 6 Jul 55 REVISED A 10 Oct 55 B 7 Oct 57 C 19 Oct 59 D 31 Aug 60 E 24 Nov 64 F 27 Dec 65

This standard has been approved by the Bureau (Department of the Navy) and the Department of the USAF and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

Reviewers  
Navy - WP  
USAF - 11  
DISC

- (a) FOR SKIRT TYPES SEE MS25164.  
 (b) DIAMETER DIMENSION OF KNOB WITHOUT SKIRT.  
 (c) POINTER INDICATION ON SKIRTS SHALL BE LOCATED OPPOSITE TO AND ON CENTERLINE OF KNOB SETSCREW. THE WHITE OF THE LINE SHALL BE A MAT WHITE WITH MATERIAL HAVING A REFLECTANCE OF NO LESS THAN 80 PERCENT. CONTRAST OF THE WHITE LINE AND GRAY OR BLACK COATING SHALL BE AS SPECIFIED IN MIL-P-7788. SKIRT WHEN SPECIFIED, SHALL BE ASSEMBLED TO KNOB BY MECHANICAL OR ADHESIVE METHODS OR THE SKIRT AND KNOB SHALL BE FORMED IN ONE PIECE. KNOB EDGES SHALL BE HONED TO AN APPROXIMATE RADIUS OF .03.  
 (d) SCREWS SELFLOCKING FEATURE IN ACCORDANCE WITH MIL-F-18240.

**MATERIAL**

INSERT BRASS, QQ-B-613, COMPOSITION B, HALF HARD.  
 KNOB AND SKIRT, CLEAR TRANSPARENT PLASTIC OR CORROSION RESISTANT METAL

**FINISH**

INSERT; CADMIUM PLATE, SPEC QQ-P-416, TYPE II CLASS A PERMITTED  
 KNOB AND SKIRT, THE ENTIRE OUTER SURFACE, EXCEPT FOR THE BOTTOM SURFACE AND ANY REQUIRED TADLX MARKINGS SHALL BE COATED DARK GULL GRAY OR BLACK MAT MATERIAL HAVING A COLOR CONFORMING TO ONE OF THE COLOR NUMBERS IN ACCORDANCE WITH FED STD 595 SHOWN IN THE COLOR CODE TABLE

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES DECIMALS -.016.

ADD P IN PLACE OF DASH TO INDICATE PLASTIC KNOB.

ADD CODE LETTER TO INDICATE COLOR OF SKIRT AND KNOB AFTER DASH NUMBER DESIGNATING SKIRT TYPE.

F	COLOR		(c)
	NAME	FED STD 595	
A	DARK GULL GRAY	36231	INDICATION LINE WITH
B	BLACK	37038	INDICATION LINE
E	DARK GULL GRAY KNOB WITH BLACK SKIRT	36231 37038	WITH INDICATION LINE
C	DARK GULL GRAY	36231	WITHOUT INDICATION LINE
D	BLACK	37038	WITHOUT INDICATION LINE
F	DARK GULL GRAY KNOB WITH BLACK SKIRT	36231 37038	WITHOUT INDICATION LINE

EXAMPLE OF PART NOS MS25168-1A = METAL KNOB WITHOUT SKIRT, DARK GULL GRAY, WITH INDICATION LINE  
 MS25168P4C = PLASTIC KNOB, TYPE VII SKIRT, DARK GULL GRAY, WITHOUT INDICATION LINE  
 MS25168P4E = PLASTIC KNOB, DARK GULL GRAY WITH TYPE VII BLACK SKIRT, WITH INDICATION LINE

F

FOR CHANGES SEE SHEETS 1 AND 2

F

REVISED

APPROVED

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN  
 REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID

P A Navy - WP Other Cust USAF - 11	TITLE  KNOB, ROUND	MILITARY STANDARD	
		MS25168 (ASG)	
PROCUREMENT SPECIFICATION MIL-K-25049	SUPERSEDES	SHEET	2 OF