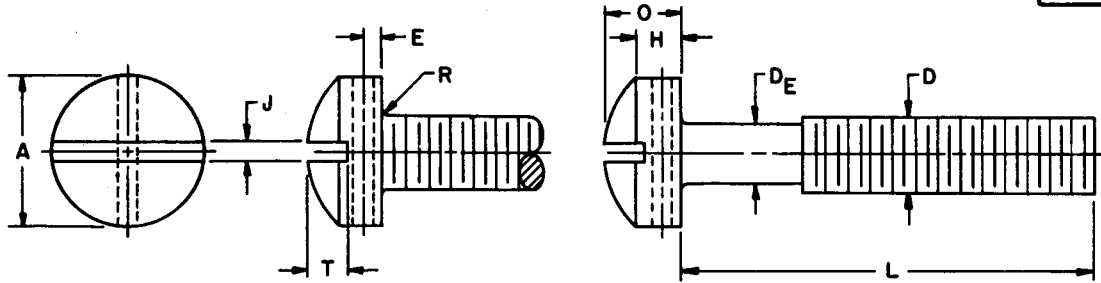


FED. SUP CLASS
5305



NOMINAL SIZE	D		2 (.086)	4 (.112)	6 (.138)	8 (.164)
THREADS PER INCH			64NF	48NF	40NF	36NF
BODY DIAMETER	D _e	Max Min	.0860 .0733	.1120 .0954	.1380 .1184	.1640 .1424
HEAD DIAMETER	A	Max Min	.140 .124	.183 .166	.226 .208	.270 .250
HEAD HEIGHT	H	Max Min	.062 .055	.079 .072	.096 .089	.113 .106
TOTAL HEAD HEIGHT	O	Max Min	.083 .070	.107 .094	.132 .118	.156 .141
SLOT WIDTH	J	Max Min	.031 .023	.039 .031	.048 .039	.054 .045
SLOT DEPTH	T	Max Min	.030 .022	.038 .030	.045 .035	.065 .054
NOMINAL DRILL LOCATION	E		.026	.035	.043	.043
NOMINAL DRILL SIZE			.031	.037	.046	.046
RADIUS	R	Max	.031	.041	.050	.055
LENGTH	L	Tolerance	Dash Number	Dash Number	Dash Number	Dash Number
THREADS SHALL EXTEND TO WITHIN 2 THREADS OF THE BEARING SUR- FACE OF THE HEAD, OR CLOSER IF PRACTICABLE.	1/8		1	11	24	39
	3/16		2	12	25	40
	1/4		3	13	26	41
	5/16		4	14	27	42
	3/8	+0	5	15	28	43
	7/16	-1/32	6	16	29	44
	1/2		7	17	30	45
	5/8		8	18	31	46
	3/4		9	19	32	47
	7/8		10	20	33	48
	1-1/4	+0		21	34	49
		-1/16		22	35	50
1-1/2						
1-3/4			23	36	51	
2				37	52	
2-1/4				38	53	
Minimum Complete Thread Length of 1-3/4.		+0			54	
		-3/32			55	
					56	
					57	

MATERIAL: Carbon Steel, Specification QQ-W-409 or QQ-S-633, except Bessemer composition; 55,000 PSI minimum ultimate tensile strength.
FINISH: Phosphate coated, Specification MIL-C-16232, type II.

THREADS: The threads shall be in accordance with Screw-Thread Standards for Federal Services Handbook H-28.

- NOTES:**
- Referenced documents of issue in effect on date of invitation for bids shall apply.
 - In case of conflict with any referenced document, this standard will govern.
 - The MS part number consists of the MS sheet number, plus the dash number.
Example: MS35270-1.
 - Drilled hole to be on center approximately at right angle to the slot but must not break through the base or top (spherical portion) of the head.
 - Screws shall be free of all loose or hanging burrs or slivers which might become dislodged under usage.
 - All dimensions in inches.

ⓑ CANCELLED
SEE SHEET 2

ⓑ For changes see sheets 1 and 2.

APPROVED FEB 9, 1954 REVISED ⓐ 15 JUN 1962 ⓑ 12 Nov 1964

NOTICE.—When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. WC	TITLE	MILITARY STANDARD
Other Cust SH 69	SCREW, MACHINE, DRILLED FILLISTER HEAD, SLOTTED, CARBON STEEL, PHOSPHATE COATED, NF-2A AND UNF-2A	MS 35270
PROCUREMENT SPECIFICATION PF-S-92	SUPERSEDES:	SHEET 1 OF 2

