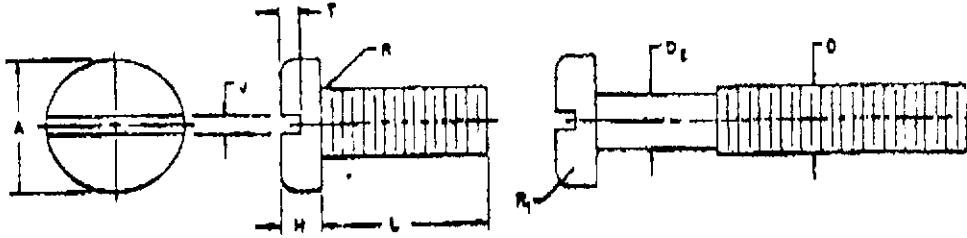


FIG. 174 CLASS
5305



NOMINAL SIZE		D	2 (.086)	4 (.112)	6 (.138)	8 (.164)
THREADS PER INCH			64NP	48NP	40NP	32NP
BODY DIAMETER	D _c	Max Min	.0860 .0733	.1120 .0954	.1380 .1184	.1640 .1484
HEAD DIAMETER	A	Max Min	.167 .155	.219 .205	.273 .256	.327 .306
HEAD HEIGHT	H	Max Min	.053 .045	.068 .050	.082 .072	.096 .085
SLOT WIDTH	J	Max Min	.033 .023	.039 .031	.048 .039	.054 .049
SLOT DEPTH	T	Max Min	.033 .023	.041 .030	.050 .038	.058 .043
RADIUS ON HEAD	R	NOM	.035	.047	.046	.052
RADIUS UNDER HEAD	R ₁	Max	.011	.015	.018	.020
LENGTH	L	Tolerance	Dash Number	Dash Number	Dash Number	Dash Number
THREADS SHALL EXTEND TO WITHIN 2 THREADS OF THE CLEARING SURFACE OF THE HEAD, OR CLOSER IF PRACTICABLE.	1/8	±0	11	11	24	31
	3/16		12	12	25	30
	1/4		13	13	26	31
	5/16		14	14	27	32
	3/8	-1/32	15	15	28	33
	7/16		16	16	29	34
	1/2		17	17	30	35
	5/8		18	18	31	36
	3/4	±0	19	19	32	37
	7/8		20	20	33	38
1	21		21	34	39	
1-1/4	±0	22	22	35	40	
1-1/2		23	23	36	41	
1-3/4		24	24	37	42	
2	±0	25	25	38	43	
2-1/2		26	26	39	44	
3		27	27	40	45	
Minimum Complete Thread Length of 1-3/4.	2-1/4	±0	28	28	39	44
	2-3/4		29	29	40	45
	3		30	30	41	46

ⓐ CANCELLED
SEE SHEET 2

MATERIAL: Carbon Steel, Specification QQ-W-409 or QQ-S-633, except brazener compositions; 55,000 PSI minimum ultimate tensile strength.
FINISH: Cadmium or zinc plated, Specification QQ-P-426, type II, class C or Specification QQ-S-325, type II, class 3.
THREADS: The threads shall be in accordance with Screw-Thread Standards for Federal Services Handbook H-79.
NOTES: (1) Referenced documents of issue in effect on date of invitation for bid shall apply.
 (2) In case of conflict with any referenced document, this standard will govern.
 (3) The MS part number consists of the MS sheet number, plus the dash number. Example: MS 35226-1.
 (4) All dimensions in inches.

ⓐ For changes, see sheets 1 and 2.

P.A.	ONE	TITLE	SCREW, MACHINE, PAN HEAD, SLOTTED, CARBON STEEL, CADMIUM OR ZINC PLATED, 1P-2A AND UNF-2A	MILITARY STANDARD
Other Cvt.	SHIPS			MS 35226
REQUIREMENT SPECIFICATION	PP-4-92	WPERICDET		SHEET 1 OF 1

APPROVED FOR 1, 8704 REVISED 05 1975

FIG. TOP CLASS
5308

NOMINAL SIZE			10 (1.00)	1/4	5/16	3/8
THREADS PER INCH			28UNF	28UNF	24UNF	24UNF
BODY DIAMETER	D _b	Max Min	.1900 .1898	.2500 .2485	.3125 .2806	.3750 .3430
HEAD DIAMETER	A	Max Min	.171 .157	.402 .473	.615 .594	.780 .710
HEAD HEIGHT	H	Max Min	.110 .099	.188 .130	.178 .167	.212 .195
SLOT WIDTH	J	Max Min	.081 .050	.075 .064	.084 .078	.084 .081
SLOT DEPTH	T	Max Min	.087 .050	.087 .079	.109 .092	.130 .113
RADIUS ON HEAD	R ₁	Max	.061	.007	.099	.143
RADIUS UNDER HEAD	R ₂	Max	.021	.026	.021	.031
LENGTH	L	Tolerance	Dist Number	Dist Number	Dist Number	Dist Number
SCREWS SHALL SYSTEMS TO WITHIN 2 THREADS OF THE ENDING SURFACE OF THE HEAD, OR CLOSER IF PRACTICABLE	1/8	±0 -1/32	56	76	ⓐ CANCELLED SEE NOTE	107 108 109 110 111 112 113 114 115 116 117 118 119
	3/16		58			
	1/4		60			
	5/16		61			
	3/8		68			
	1/2		63			
	5/8	64				
	3/4	±0 -1/16	65	81		
	7/8		66	82		
	1-1/8		67	83		
	1-1/4		68	84		
	1-3/8		69	85		
1-1/2	70		86			
1-3/4	±0 -3/32	71	87			
2-1/8		72	88			
2-1/4		73	89			
2-3/8		74	90			
2-1/2		75	91			
2-3/4		76	92			

NOTE: For illustration, material, finish, and other pertinent data, see sheet 1.

ⓐ CANCELLED AFTER 15 JUN 1961. USE M335207. INTERCHANGEABILITY RELATIONSHIP - M335207 can replace the cancelled screws of the same size. The cancelled M335226 cannot always replace M335207 and should be used until existing stock is depleted. Then use only the superseding M3 screws of the same size for design and replacement.

2 DIMS 1 SLOT, 1/8" EXPOSED, 1/8" REVERSED, APPROVED FEB 2, 1954

P.A. ORG DINW C881 3N190	TITLE SCREW, MACHINE, PAN HEAD, SLOTTED, CARBON STEEL, CADMIUM OR ZINC PLATED, NF-2A AND UNF-2A	MILITARY STANDARD M3 35226
PROCUREMENT SPECIFICATION FF-3-52	SUPPLEMENT	SHEET 3 OF 3