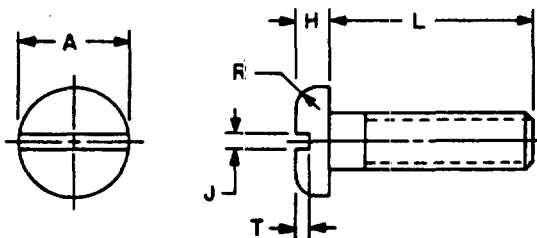


FED. SUP CLASS  
5305
 REVIEWER: AV, IS, LI  
 (SER: AS, AT, MC, ME, MI, SH)

NOMINAL SIZE		.086(#2)	.112(#4)	.138(#6)	.164(#8)	.190(#10)	.250(1/4)	.375(3/8)
THREADS UNC-2A		56	40	32	32	24	20	16
A HEAD DIA	MAX MIN	.167 .155	.219 .205	.270 .256	.322 .306	.373 .357	.492 .473	.740 .716
H HEAD HEIGHT	MAX MIN	.053 .045	.068 .058	.082 .072	.096 .085	.110 .099	.144 .130	.212 .195
J SLOT WIDTH	MAX MIN	.031 .023	.039 .031	.048 .039	.054 .045	.060 .050	.075 .064	.094 .081
T SLOT DEPTH	MAX MIN	.031 .022	.040 .030	.050 .037	.058 .045	.068 .053	.087 .070	.124 .100
R HEAD RADIUS	MAX	.035	.042	.046	.052	.061	.087	.143
L LENGTH	TOL	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
.125		1	11	24*	(C) 39	(C) 58		
.188		2	12	25	40*	59		
.250		3	13	26	41	60	76	
.312		4	14	27	42			
.375		5	15	28	43	61	77	92
.438	+ .000	6	16	29	44	62*	78*	
.500	- .031	7	17	30	45	63	79	93
.625		8	18	31	46	64	80	94
.750		9	19	(C) 32	47	65	81	95
.875		10*	20*	33	48*	66*	82*	
1.000			21	34	49	67	83	96
1.250			22	35	50	68	84	97
1.500	+ .000		23	36	51	69	85	98
1.750	- .062			37	52	70	86	99
2.000				38	53	71	87	100
2.250					54	72	88	
2.500	+ .000				55*	73	89	101
2.750	- .094				56*	74*	90*	
3.000					57*	75*	91	102

\* Inactive for new design.

## NOTES:

- MATERIAL:** Plastic (Nylon) in accordance with MIL-M-20693, Type I, natural color.
- THREADS:** The threads shall be in accordance with Screw-Thread Standards for Federal Services, Handbook H28.
- THREAD LENGTH:** Screws up to and including 2.00 inch in length shall have full form threads extending to within two threads of the bearing surface of the head, or closer if practicable. Screws over 2.00 inch in length shall have a minimum full form thread length of 1.75 inch.
- DIMENSIONS:** All dimensions are in inches.
- GATE VESTIGE:** The gate vestige length shall be limited to 0.015 max and shall not be included in any tolerances.
- PART NUMBER:** The MS part number consists of the MS number, plus the dash number.  
Example: MS18212-1.
- Referenced documents shall be of the issue in effect on date of invitations for bid.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.

P.A. WC

Other Cust

82

TITLE

SCREW, MACHINE - PAN HEAD, SLOTTED,  
PLASTIC (NYLON), UNC-2A

MILITARY STANDARD

MS18212

PROCUREMENT SPECIFICATION  
FF-S-92

SUPERSEDES:

SHEET 1 OF 1

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

APPROVED 27 APR 1966 REVISED (A) 3 JUL 1969 (B) 26 MAR 1973 (C) 2 APR 1975