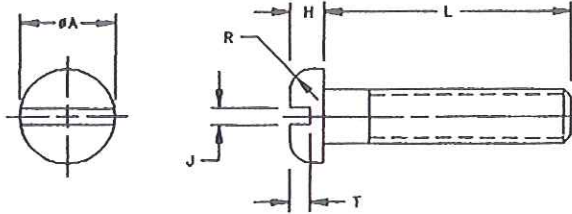


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: FF-S-92

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

Form Approved
OMB No. 0704-0188



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
ØA HEAD	MAX	.167	.219	.270	.322	.373	.492	.740
	MIN	.155	.205	.256	.306	.357	.473	.716
H HEAD HEIGHT	MAX	.053	.088	.082	.098	.110	.144	.212
	MIN	.045	.058	.072	.085	.099	.130	.195
J SLOT WIDTH	MAX	.031	.039	.048	.054	.060	.075	.094
	MIN	.023	.031	.039	.045	.050	.064	.081
T SLOT DEPTH	MAX	.031	.040	.050	.058	.068	.087	.124
	MIN	.022	.030	.037	.045	.053	.070	.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*	39			
.188		2	12	25	40*	58		
.250		3	13	26	41	59		
.312		4	14	27	42	60	76	
.375	+.000 -.031	5	15	28	43	61	77	92
.438		6	16	29	44	62*	78*	
.500		7	17	30	45	63	79	93
.625		8	18	31	46	64	80	94
.750		9	19	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

REQUIREMENTS:

- (D) 1. **MATERIAL:** PLASTIC (NYLON), NATURAL COLOR, IN ACCORDANCE WITH ASTM D4066, GROUP 01, CLASS 1, GRADE 1.
- (D) 2. **THREADS:** THREADS SHALL BE UNIFIED STANDARD, CLASS 2A IN ACCORDANCE WITH FED-STD-H28/2. ACCEPTABLE SCREW THREADS ARE THOSE WHICH CAN BE THREADED BY HAND WITH A NUT TO AT LEAST THE LAST TWO FULLY FORMED THREADS CLOSEST TO THE SCREW'S HEAD. THE NUT SHALL BE FERROUS, HEXAGON TYPE, UNC-2B, CONFORMING DIMENSIONALLY TO ANSI B18.6.3.
- 3. **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.
- (D) 4. **GATE VESTIGE:** THE GATE VESTIGE LENGTH SHALL BE LIMITED TO .025 MAX AND SHALL NOT BE INCLUDED IN ANY TOLERANCES.
- 5. **PART NUMBER:** THE MS PART NUMBER CONSISTS OF THE MS NUMBER, PLUS THE DASH NUMBER. EXAMPLE: MS18212-1.

NOTES:

- 1. ALL DIMENSIONS ARE IN INCHES.
- 2. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- 3. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
- 4. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THIS ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

(D) DENOTES CHANGE(S)

INCH-POUND

PREPARING ACTIVITY: DLA -IS CUSTODIANS: ARMY-AR NAVY-SH AIR FORCE-99 DLA-	MILITARY SPECIFICATION SHEET TITLE SCREW, MACHINE, PAN HEAD, SLOTTED, PLASTIC (NYLON), UNC-2A	SPECIFICATION SHEET NUMBER MS18212 07 JAN 84 REV D SUPERSEDING MS18212 C 2 APR 1975 AMSC- N/A FSC 5305
DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.		Page 1 of 1

DD Form 672, MAY 88

PREVIOUS EDITIONS ARE OBSOLETE

**NOTICE OF
CANCELLATION**

INCH-POUND

MS18212D
NOTICE 2
2 May 1997

MILITARY STANDARD

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

MS18212, dated 07 January 1994, is hereby canceled. Future acquisitions for this product should refer to A-A-55624.

(Application for copies of publications should be addressed to Customer Service, Defense Printing Service Detachment Office, 700 Robbins Avneue, Bldg 4D, Philadelphia, PA 19111-5094)

Preparing Activity:
DLA-IS

(Project 5305-2186)

AMSC N/A

FSC 5305