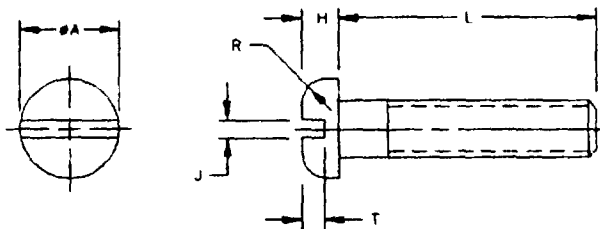


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION FF-S-92

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
#A HEAD	MAX	167	219	270	322	373	492	740
	MIN	155	205	256	306	357	473	716
H HEAD HEIGHT	MAX	053	068	082	096	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		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	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-28 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	MILITARY SPECIFICATION SHEET	SPECIFICATION SHEET NUMBER
CUSTODIANS ARMY-AR NAVY-SH	TITLE	MS18212 07 JAN 94 REV D
AF FORCE-99 DLA-	SCREW, MACHINE, PAN HEAD SLOTTED PLASTIC (NYLON), UNC-2A	SUPERSEDING MS18212 C 2 APR 1975
REVIEW AV, 11		AMSC- N/A FSC 5305
USER AS, AT, MC, ME, MI, SH		
PROJECT NUMBER 5305-2030		
DISTRIBUTION STATEMENT	A. Approved for public release distribution is unlimited	Page 1 of 1

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