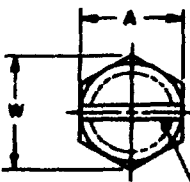
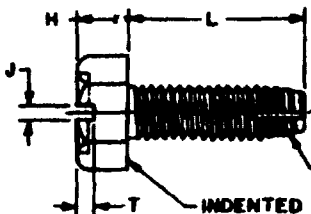


This military standard is approved by the Weapons Command, Department of the Army and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

REVIEWER: AT, AV, EL, ME, NGA  
USC: II

 		FED SUP CLASS <b>5305</b>															
SLOT LOCATION OPTIONAL		SEE NOTE 5 INDENTED HEAD OPTIONAL															
NOMINAL SIZE		NO. 4 (.112)	NO. 6 (.138)	NO. 8 (.164)	NO. 10 (.190)	1/4 (.250)	5/16 (.312)	3/8 (.375)									
THREADS PER INCH		40	32	32	24	20	18	16									
A WIDTH ACROSS FLATS	MAX	.187	.250	.250	.312	.375	.500	.562									
	MIN	.181	.244	.244	.303	.367	.489	.551									
W WIDTH ACROSS CORNERS	MAX	.202	.272	.272	.340	.409	.543	.614									
	MIN	.202	.272	.272	.340	.409	.543	.614									
H HEAD HEIGHT	MAX	.060	.093	.110	.120	.190	.230	.295									
	MIN	.049	.080	.096	.107	.172	.208	.250									
J SLOT WIDTH	MAX	.039	.048	.064	.060	.075	.084	.094									
	MIN	.031	.039	.045	.050	.064	.078	.081									
T SLOT DEPTH	MAX	.036	.046	.066	.072	.101	.122	.156									
	MIN	.025	.033	.052	.057	.083	.100	.131									
L LENGTH	TOL	DASH NUMBER															
		CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL
.25	+.00 -.03	1	11														
.31		2	12	22	32												
.38		3	13	23	33	43	53										
.50		4	14	24	34	44	54	64	74								
.62		5	15	25	35	45	55	65	75	85	95						
.75	+.00 -.05	6	16	26	36	46	56	66	76	86	96	106	116	126	136		
.88				27	37	47	57	67	77	87	97	107	117	127	137		
1.00						48	58	68	78	88	98	108	118	128	138		
1.25							69	79	89	99	109	119	129	139			
1.50							70	80	90	100	110	120	130	140			
1.75	+.00 -.06							91	101	111	121	131	141				
2.00									92	102	112	122	132	142			
<b>NOTES.</b> 1. <b>MATERIAL:</b> Carbon steel and corrosion-resisting steel in accordance with procurement specification. 2. <b>PROTECTIVE COATING:</b> Carbon steel - Cadmium plating in accordance with procurement specification. Cres steel - Passivated in accordance with procurement specification. 3. <b>DIMENSIONS:</b> All dimensions are in inches. 4. <b>HOLE SIZES:</b> For approximate hole sizes see MS24634. 5. <b>POINT TAPER LENGTH:</b> Point taper lengths shall be in accordance with USAS B18.6.4 6. <b>PART NUMBER:</b> The MS part number consists of the MS number, plus the dash number. Example: MS51851-1. 7. Referenced documents shall be of the issue in effect on date of invitations for bid. 8. For design feature purposes, this standard takes precedence over procurement documents referenced herein.																	
P A WC Other Code		TITLE <b>SCREW, TAPPING - THREAD CUTTING, TYPE D, HEXAGON HEAD, SLOTTED</b>										MILITARY STANDARD <b>MS51851 (WC)</b>					
PROCUREMENT SPECIFICATION FF-S-107		SUPERSEDES:										SHEET 1 OF 1					

DD FORM 672-1 (limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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