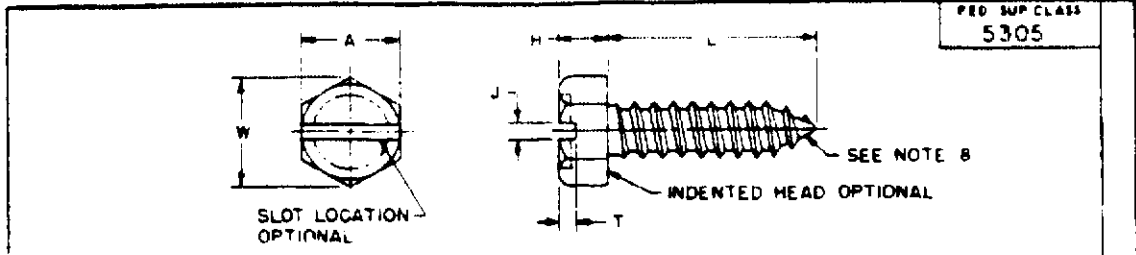


This military standard is approved by the Regions Command, Department of the Army and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.



FED. SUP. CLASS
5305

NOMINAL SIZE	NO. 4 (112)	NO. 6 (118)	NO. 8 (164)	NO. 10 (190)	NO. 12 (250)	NO. 16 (312)
THREADS PER INCH	24	24	36	36	36	36
A WIDTH ACROSS FLATS	MAX MIN	.187 .187	.250 .244	.312 .304	.375 .367	.500 .489
W WIDTH ACROSS CORNERS	MIN	.202	.272	.272	.340	.409
H HEAD HEIGHT	MAX MIN	.060 .049	.093 .080	.110 .096	.120 .105	.190 .206
J SLOT WIDTH	MAX MIN	.039 .031	.048 .039	.054 .045	.060 .050	.075 .064
T SLOT DEPTH	MAX MIN	.030 .027	.040 .037	.048 .042	.052 .045	.072 .065

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					
.25	±.01	1	11															
.31		2	12	22	32													
.36		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		6	16	26	36	46	56	66	76	86	96	106	116					
.88	±.02			27	37	47	57	67	77	87	97	107	117					
1.00						48	58	68	78	88	98	108	118					
1.25								69	79	89	99	109	119					
1.50									70	80	90	100	110	120				
1.75											91	101	111	121				
2.00												92	102	112	122			

NOTES:

- MATERIAL:** Carbon steel and corrosion-resisting steel in accordance with procurement specification.
- PROTECTIVE COATING:** Carbon steel - Cadmium plating in accordance with procurement specification.
Cres steel - Passivated in accordance with procurement specification.
- DIMENSIONS:** All dimensions are in inches.
- HOLE SIZES:** For approximate hole sizes see MS24612.
- PART NUMBER:** The MS part number consists of the MS number, plus the dash number.
Example: MS51850-1.
- Referenced documents shall be of the issue in effect on date of invitation for bid.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- For point taper lengths, see USAS B16.4.

Part No.	51850	MILITARY STANDARD
Other Call:	SCREW, TAPPING-THREAD FORMING, TYPE AB, HEXAGON HEAD, SLOTTED	MS51850 (WC)
PROCUREMENT SPECIFICATION:	SUPERSEDES	1 OF 1

APPROVED FOR SUP. 1968 REVISED