

FED. SPEC. CLASS
5305

USER ACTIVITIES:

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AIR FORCE-82
DLA-15

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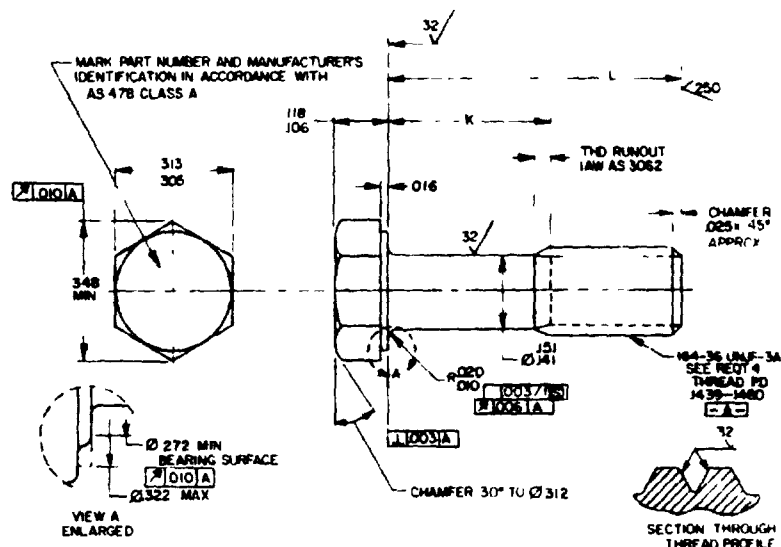


TABLE I DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K	APPROX HEIGHT LB/100
-03	312	062- 082	43
-04	375	062- 082	46
-05	438	.062- .082	.49
-06	500	062- 082	53
-07	562	062- .082	56
-08	625	062- 082	.59
-09	.688	.062- 110	62
-10	.750	112- 172	65
-11	812	.174- .234	.69
-12	875	.237- .297	.72
-13	.938	.300- .360	.75
-14	1.000	.362- .422	.78
-15	1.062	.424- .484	.81
-16	1.125	.487- .547	.84
-17	1.188	.550- .610	.88
-18	1.250	.612- .672	.91
-19	1.312	.674- .734	.94
-20	1.375	.737- .797	.97
-21	1.438	.800- .860	1.00
-22	1.500	.862- .922	1.04
-23	1.562	.924- .984	1.07
-24	1.625	.987- 1.047	1.10
-25	1.688	1.050- 1.110	1.13
-26	1.750	1.112- 1.172	1.16
-27	1.875	1.237- 1.297	1.23
-28	2.000	1.362- 1.422	1.29

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NAVY-AS Other Code ARMY-AV AIR FORCE-99	INTERNATIONAL INTEREST	TITLE SCREW, MACHINE, HEXAGON HEAD, STEEL, CADMIUM PLATED, .164-36 UNF-3A	MILITARY STANDARD MS9517
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES	PAGE 1 OF 2	

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5305-1624

APPROVED 2 FEB 68 REVISED 22 MAY 86

USER ACTIVITIES

REVISIONS ACTIVITIES:
AIR FORCE-82
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		FED SUP CLASS 5305	
<p>REQUIREMENTS</p> <ol style="list-style-type: none"> MATERIAL: IN ACCORDANCE WITH AMS 6322-80 PROTECTIVE COATING AND SURFACE TREATMENT CADMIUM PLATE IN ACCORDANCE WITH AMS 2400-80 DIMENSIONS SPECIFIED ARE AFTER PLATING. HARDNESS: 26-32 HRC. THREADS: THREADS IN ACCORDANCE WITH MIL-S-8879 SURFACE TEXTURE SURFACE TEXTURE IN ACCORDANCE WITH ANSI B46.1 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICRONS, EXCEPT HEXAGON. DIMENSIONING AND TOLERANCING DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M. HEAD TO SHANK FILLET: HEAD TO SHANK FILLET SHALL BE COLD ROLLED AFTER HEAT TREATMENT TO REMOVE ALL VISUAL EVIDENCE OF GRINDING OR TOOL MARKS EXCEPT DASH NUMBER SIZES -11 AND SMALLER. TOLERANCE UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$ MAGNETIC PARTICLE INSPECTION MAGNETIC PARTICLE INSPECTION SHALL BE IN ACCORDANCE WITH AMS 2640-83 EDGES BREAK SHARP EDGES .003- .015 UNLESS OTHERWISE SPECIFIED PART NUMBER THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I <p>EXAMPLE MS9517-03</p> <pre> --- DASH NUMBER --- BASIC MS NUMBER </pre> <p>MS9517-03 INDICATES - SCREW, MACHINE, HEXAGON HEAD, 164-36 UNJF-3A, LENGTH 312.</p> <p>NOTES</p> <ol style="list-style-type: none"> ALL DIMENSIONS IN INCHES. DO NOT USE UNASSIGNED PART NUMBERS 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 REFERENCED GOVERNMENT (OR NONGOVERNMENT) DOCUMENTS OF THE 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 THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE SAE AEROSPACE PROPULSION DIVISION AS AND AMS ARE SAE PUBLICATIONS 			
P. A. NAVY-AS Other Cost ARMY-AV AIR FORCE-99		INTERNATIONAL INTEREST	TITLE SCREW, MACHINE, HEXAGON HEAD, STEEL, CADMIUM PLATED, .164-36 UNJF-3A
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