

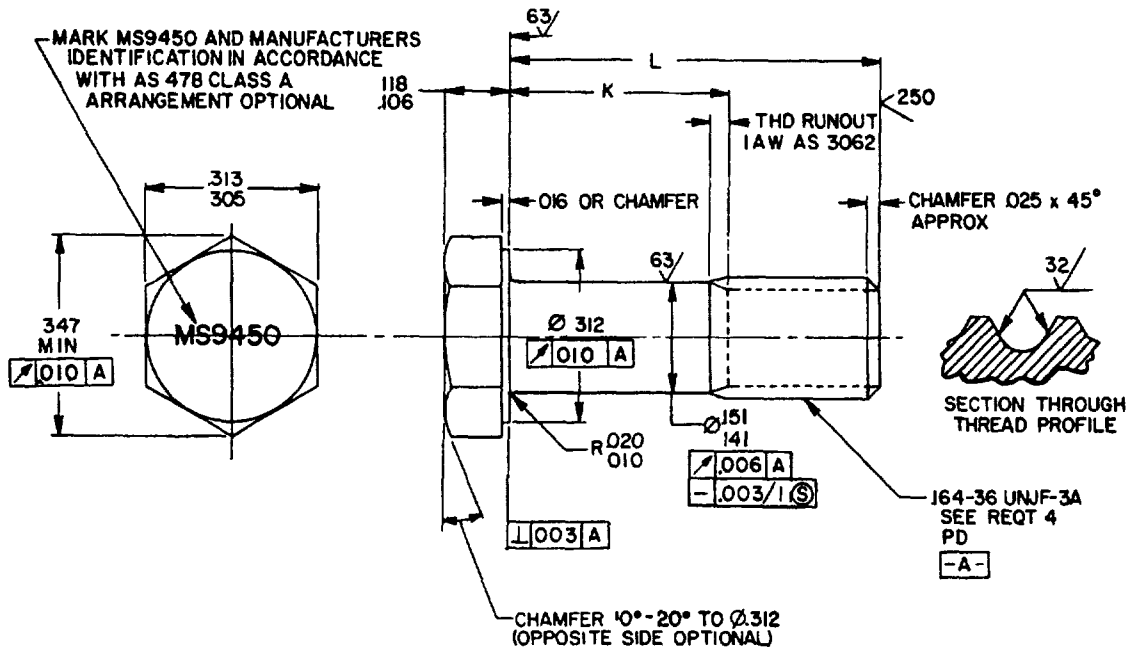
FED SUP CLASS  
5305

TABLE I DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K	APPROX WEIGHT 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- .082	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

Ⓐ ENTIRE STANDARD REVISED

P A NAVY- AS Other Cust	INTERNATIONAL INTEREST	TITLE SCREW, MACHINE, HEXAGON HEAD, STEEL, .164- 36 UNJF- 3A	MILITARY STANDARD <b>MS 9450</b>
AIR FORCE- II			
PROCUREMENT SPECIFICATION	SUPERSEDES:	PAGE 1 OF 2	

DD FORM 672-1 (COORDINATED)  
1 MAY 73

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USER ACTIVITIES

REVIEWER ACTIVITIES:  
AIR FORCE- 82  
DLA- 15DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited  
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Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable

APPROVED 21 DEC 62 REVISED Ⓐ 31 MAR 86

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## REQUIREMENTS:

1. MATERIAL: STEEL, IN ACCORDANCE WITH AMS 6304.
2. PROTECTIVE COATING AND SURFACE TREATMENT: DIFFUSED NICKEL-CADMIUM PLATE IN ACCORDANCE WITH AMS 2416. DIMENSIONS SPECIFIED ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
3. HARDNESS: RC42-46 MAXIMUM.
4. THREADS: THREADS IN ACCORDANCE WITH MIL-S-8879.
5. MANUFACTURING: MANUFACTURING IN ACCORDANCE WITH AMS 7455-80. PARTS SUBJECT TO MAGNETIC PARTICLE INSPECTION IN ACCORDANCE WITH AMS 2640-83 BEFORE PLATING.
6. DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
7. SURFACE TEXTURE: SURFACE TEXTURE IN ACCORDANCE WITH AS 291-64; UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON.
8. MARKING: MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH AS 478-79 CLASS A.
9. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS9450-03

└── DASH NUMBER  
└── BASIC MS NUMBER

MS9450-03 INDICATES: SCREW, MACHINE-STEEL AMS 6304, DIFFUSED  
NICKEL-CADMIUM PLATED, HEXAGON HEAD,  
.164-36 UNJF-3A, LENGTH .312.

## NOTES:

1. ALL DIMENSIONS IN INCHES.
2. UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS  $\pm .010$ , ANGULAR DIMENSIONS  $\pm 5^\circ$ .
3. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
4. DO NOT USE UNASSIGNED PART NUMBERS.
5. 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.
6. 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.
7. THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE SAE AEROSPACE PROPULSION DIVISION.
8. AS AND AMS ARE SAE PUBLICATIONS.

APPROVED 21 DEC 62 REVISED (A) FOR CHANGES SEE PAGES 1 AND 2

P A NAVY-AS Other Cost AIR FORCE-11	INTERNATIONAL INTEREST	TITLE SCREW, MACHINE, HEXAGON HEAD, STEEL, .164-36 UNJF-3A	MILITARY STANDARD
			MS 9450
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET	2 OF 2