

USER ACTIVITIES:

REVIEWER ACTIVITIES
AIR FORCE-82
DLA-15

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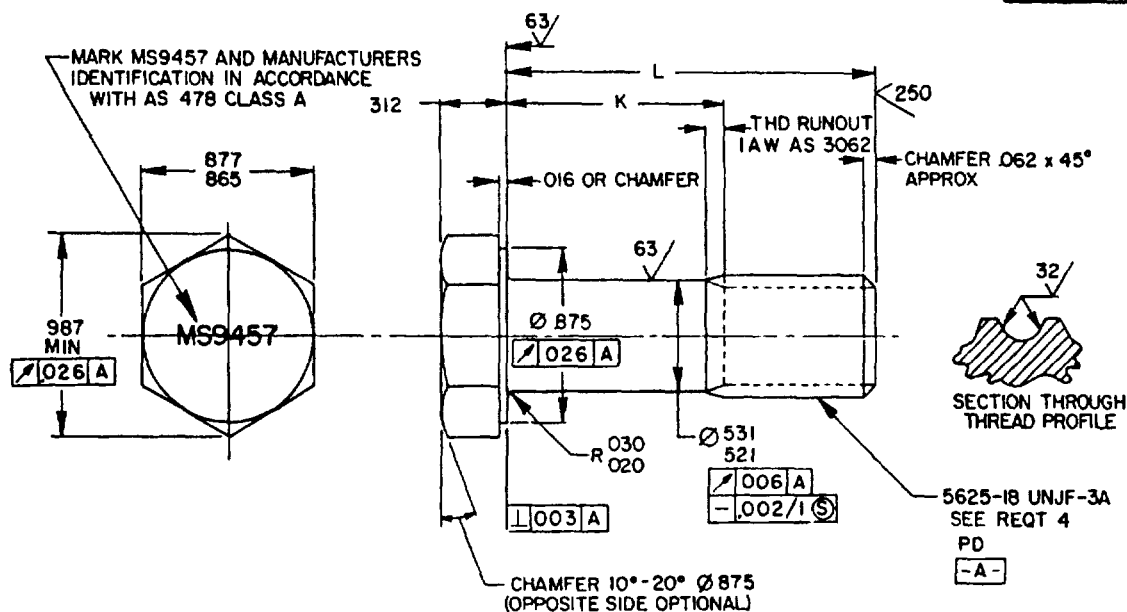


TABLE I DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K	APPROX WEIGHT LB/100	DASH NUMBER	L	K	APPROX WEIGHT LB/100
				-31	3 250	1.815-1 875	25 73
				-32	3 375	1 940-2 000	26 49
				-33	3 500	2 065-2 125	27.26
-04	.875	.114- 134	10 18	-34	3 625	2 190-2.250	28 02
-05	.938	.114- 134	10 56	-35	3 750	2 315-2 375	28.79
-06	1.000	.114- 134	11.94	-36	3 875	2 440-2 500	29 56
-07	1.062	.114- 134	12 32	-37	4 000	2 565-2 625	30.32
-08	1.125	.114- 134	12 70	-38	4 125	2 690-2 750	31 09
-09	1 188	.114- 134	13 08	-39	4.250	2.815-2 875	31.86
-10	1.250	.114- 134	13 47	-40	4 375	2 940-3 000	32 62
-11	1.312	.114- .134	13 85	-41	4.500	3 065-3 125	33 39
-12	1.375	.114- .134	14 23	-42	4 625	3.190-3 250	34 15
-13	1.438	.114- 134	14 62	-43	4.750	3 315-3 375	34.92
-14	1.500	.114- .134	15 00	-44	4 875	3 440-3 500	35.69
-15	1 562	.128- 188	15 38	-45	5.000	3.565-3.625	36.45
-16	1.625	.190- .250	15 77	-46	5 125	3 690-3 750	37.22
-17	1 688	.252- 312	16 15	-47	5 250	3.815-3 875	37 99
-18	1.750	.315- .375	16 53	-48	5.375	3 940-4 000	38.75
-19	1.812	.378- .438	16.91	-49	5.500	4.065-4.125	39.52
-20	1.875	.440- 500	17.30	-50	5 625	4.190-4.250	40 28
-21	2 000	565- .625	18 06	-51	5.750	4 315-4 375	41.05
-22	2.125	.690- 750	18 83	-52	5 875	4 440-4 500	41 82
-23	2.250	.815- 875	19 06	-53	6.000	4 565-4.625	42 58
-24	2.375	940-1 000	20 36				
-25	2 500	1.065-1.125	21 13				
-26	2.625	1 190-1 250	21 90				
-27	2 750	1 315-1 375	22 66				
-28	2.875	1 440-1 500	23 43				
-29	3 000	1 565-1 625	24 19				
-30	3 125	1 690-1 750	24 96				

Ⓐ ENTIRE STANDARD REVISED

P. A. NAVY - AS Other Cust AIR FORCE - II	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, HEXAGON HEAD, STEEL, .5625-18 UNJF-3 A	MILITARY STANDARD	
			MS 9457	
PROCUREMENT SPECIFICATION	SUPERSEDES:		PAGE 1 OF 2	

USER ACTIVITIES

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AIR FORCE-82
DLA-IS

This specification is approved and issued by all Departments and Agencies of the Department of Defense. Selection for use in new engineering and design applications and for repetitive use shall be made from this document.

		FED SUP CLASS 5306	
REQUIREMENTS: <ol style="list-style-type: none"> MATERIAL: STEEL, IN ACCORDANCE WITH AMS 6304 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. HARDNESS: RC42-46 MAXIMUM. THREADS: THREADS IN ACCORDANCE WITH MIL-S-8879. MANUFACTURING: MANUFACTURING IN ACCORDANCE WITH AMS 7455-80. PARTS SUBJECT TO MAGNETIC PARTICLE INSPECTION IN ACCORDANCE WITH AMS 2640-83 BEFORE PLATING. DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M. SURFACE TEXTURE: SURFACE TEXTURE IN ACCORDANCE WITH AS 291-64; UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON. MARKING: MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH AS 478-79 CLASS A PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I. <p>EXAMPLE: MS9457-04</p> <pre> --- DASH NUMBER --- BASIC MS NUMBER </pre> <p>MS9457-04 INDICATES: BOLT, MACHINE-STEEL AMS 6304, DIFFUSED NICKEL-CADMIUM PLATED, HEXAGON HEAD, .5625-18 UNJF-3A, LENGTH .875.</p>			
NOTES: <ol style="list-style-type: none"> ALL DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED. 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 AIR FORCE-II	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, HEXAGON HEAD, STEEL, .5625-18 UNJF-3A	MILITARY STANDARD MS 9457
PROCUREMENT SPECIFICATION		SUPERSEDES:	SHEET 2 OF 2

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