



TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NO	L	K	APPROX WEIGHT LB/100	DASH NO	L	K	APPROX WEIGHT LB/100
-04	.812	.105-.125	9.00	-34	3.625	2.315-2.375	24.61
-05	.875	.105-.125	9.35	-35	3.750	2.440-2.500	25.30
-06	.938	.105-.125	9.70	-36	3.875	2.565-2.625	26.00
-07	1.000	.105-.125	10.05	-37	4.000	2.690-2.750	26.69
-08	1.062	.105-.125	10.42	-38	4.125	2.815-2.875	27.38
-09	1.125	.105-.125	10.74	-39	4.250	2.940-3.000	28.08
-10	1.188	.105-.125	11.09	-40	4.375	3.065-3.125	28.78
-11	1.250	.105-.125	11.43	-41	4.500	3.190-3.250	29.47
-12	1.312	.105-.125	11.78	-42	4.625	3.315-3.375	30.16
-13	1.375	.105-.125	12.13	-43	4.750	3.440-3.500	30.85
-14	1.438	.128-.188	12.48	-44	4.875	3.565-3.625	31.54
-15	1.500	.190-.250	12.82	-45	5.000	3.690-3.750	32.24
-16	1.562	.252-.312	13.16	-46	5.125	3.815-3.875	32.93
-17	1.625	.315-.375	13.57	-47	5.250	3.940-4.000	33.62
-18	1.688	.378-.438	13.86	-48	5.375	4.065-4.125	34.32
-19	1.750	.440-.500	14.21	-49	5.500	4.190-4.250	35.01
-20	1.875	.565-.625	14.90	-50	5.625	4.315-4.375	35.71
-21	2.000	.690-.750	15.59	-51	5.750	4.440-4.500	36.40
-22	2.125	.815-.875	16.29	-52	5.875	4.565-4.625	37.09
-23	2.250	.940-1.000	16.98	-53	6.000	4.690-4.750	37.79
-24	2.375	1.065-1.125	17.67	-54	1.812	.502-.562	14.55
-25	2.500	1.190-1.250	18.37	-55	1.938	.628-.688	15.24
-26	2.625	1.315-1.375	19.06				
-27	2.750	1.440-1.500	19.75				
-28	2.875	1.565-1.625	20.45				
-29	3.000	1.690-1.750	21.14				
-30	3.125	1.815-1.875	21.84				
-31	3.250	1.940-2.000	22.53				
-32	3.375	2.065-2.125	23.22				
-33	3.500	2.190-2.250	23.92				

④ ENTIRE STANDARD REVISED

P.A. NAVY- AS Other Cust	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE-HEXAGON HEAD, DRILLED, 6 HOLES, FULL SHANK, .500-20 UNJF-3A	MILITARY STANDARD MS9588
AIR FORCE-99			
PROCUREMENT SPECIFICATION AMS7477	SUPERSEDES:		PAGE 1 OF 2

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DD FORM 672-1 (COORDINATED)  
1 MAY 73

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5306-1183

APPROVED 5 MAY 1965 REVISED (D) 30 SEPT 87

FED. SUP CLASS  
5306

## REQUIREMENTS:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL IN ACCORDANCE WITH AMS 5731 (UNS S66286).
2. THREADS: THREADS IN ACCORDANCE WITH MIL-S-8879. INCOMPLETE THREADS NOT TO ENTER FILLET.
3. FLUORESCENT PENETRANT INSPECTION: FLUORESCENT PENETRANT INSPECTION SHALL BE IN ACCORDANCE WITH AMS 2645.
4. SURFACE TEXTURE: SURFACE TEXTURE IN ACCORDANCE WITH ANSI B46.1. UNLESS OTHERWISE SPECIFIED, SURFACE TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
5. MARKING: MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH AS 478 CLASS A.
6. DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
7. TOLERANCES: UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS  $\pm .010$ , ANGULAR DIMENSIONS  $\pm 5^\circ$ .
8. EDGES: BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
9. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS9588-04

DASH NUMBER

BASIC MS NUMBER

MS9588-04 INDICATES - BOLT, MACHINE-HEXAGON HEAD, DRILLED, 6 HOLES, FULL SHANK AMS 5731, .500-20 UNJF-3A x .812 LONG

## NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. DO NOT USE UNASSIGNED PART NUMBERS.
3. 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.
4. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) 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.
5. THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE SAE AEROSPACE PROPULSION DIVISION.
6. AS AND AMS ARE SAE PUBLICATIONS.

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