



TABLE 1. DASH NUMBERS AND DIMENSIONS

DASH NO	L	K	APPROX WEIGHT LB/100
-04	.375	.072-.092	.86
-05	.438	.072-.092	.91
-06	.500	.072-.092	.96
-07	.562	.072-.092	1.01
-08	.625	.072-.092	1.06
-09	.688	.072-.092	1.11
-10	.750	.072-.120	1.16
-11	.812	.122-.182	1.21
-12	.875	.185-.245	1.26
-13	.938	.248-.308	1.31
-14	1.000	.310-.370	1.36
-15	1.062	.372-.432	1.41
-16	1.125	.435-.495	1.46
-17	1.188	.498-.558	1.51
-18	1.250	.560-.620	1.55
-19	1.312	.622-.682	1.60
-20	1.375	.685-.745	1.65
-21	1.438	.748-.808	1.70
-22	1.500	.810-.870	1.75
-23	1.562	.872-.932	1.80
-24	1.625	.935-.995	1.85
-25	1.688	.998-1.058	1.90
-26	1.750	1.060-1.120	1.95
-27	1.875	1.185-1.245	2.05
-28	2.000	1.310-1.370	2.15
-29	2.125	1.435-1.495	2.25
-30	2.250	1.560-1.620	2.34

⑧ ENTIRE STANDARD REVISED

P.A. <b>NAVY - AS</b> Other Cust <b>AIR FORCE-99</b>	INTERNATIONAL INTEREST	TITLE <b>BOLT, MACHINE-HEXAGON HEAD, DRILLED,          6 HOLES, FULL SHANK, J90-32 UNJF-3A</b>	<b>MILITARY STANDARD</b> <b>MS9583</b>
PROCUREMENT SPECIFICATION <b>AMS7477</b>		SUPERSEDES	PAGE 1 OF 2

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APPROVED 5 MAY 1965 REVISED (B) 30 SEPT 67

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### USER ACTIVITIES:

**REVIEWER ACTIVITIES:**  
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ARMY - MI  
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ANSC N/A

DD FORM 672-1 (COORDINATED)  
1 MAY 73

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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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 1.

EXAMPLE: MS9583-04

\_\_\_\_\_ DASH NUMBER  
 \_\_\_\_\_ BASIC MS NUMBER

MS9583-04 INDICATES - BOLT, MACHINE-HEXAGON HEAD, DRILLED, 6 HOLES, FULL SHANK AMS 5731, .190-32 UNJF-3A x .375 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 (DDOISS) 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.

APPROVED 5 MAY 1965 REVISED (B) FOR CHANGES SEE PAGES 1 AND 2

P.A. <b>NAVY - AS</b> Other Cust <b>AIR FORCE-99</b>	INTERNATIONAL INTEREST	TITLE <b>BOLT, MACHINE-HEXAGON HEAD, DRILLED,          6 HOLES, FULL SHANK, .190-32 UNJF-3A</b>	<b>MILITARY STANDARD</b> <b>MS9583</b>
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USER ACTIVITIES:

 REVIEWER ACTIVITIES:  
 AIR FORCE - 82  
 ARMY - MI  
 DLA - IS

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