

TABLE I. Dash numbers and dimensions.

DASH NO.	L	K	APPROX WEIGHT LB/100	DASH NO.	L	K	APPROX WEIGHT LB/100	DASH NO.	L	K	APPROX WEIGHT LB/100
-04	.875	.113-.133	11.21	-24	2.375	.940-1.000	19.63	-44	4.875	3.440-3.500	33.73
-05	.938	.113-.133	11.56	-25	2.500	1.065-1.125	20.34	-45	5.000	3.565-3.625	34.44
-06	1.000	.113-.133	11.91	-26	2.625	1.190-1.250	21.04	-46	5.125	3.690-3.750	35.14
-07	1.062	.113-.133	12.26	-27	2.750	1.315-1.375	21.75	-47	5.250	3.815-3.875	35.85
-08	1.125	.113-.133	12.61	-28	2.875	1.440-1.500	22.45	-48	5.375	3.940-4.000	36.55
-09	1.188	.113-.133	12.96	-29	3.000	1.565-1.625	23.16	-49	5.500	4.065-4.125	37.26
-10	1.250	.113-.133	13.31	-30	3.125	1.690-1.750	23.86	-50	5.625	4.190-4.250	37.96
-11	1.312	.113-.133	13.66	-31	3.250	1.815-1.875	24.57	-51	5.750	4.315-4.375	38.67
-12	1.375	.113-.133	14.01	-32	3.375	1.940-2.000	25.27	-52	5.875	4.440-4.500	39.37
-13	1.438	.113-.133	14.36	-33	3.500	2.065-2.125	25.98	-53	6.000	4.565-4.625	40.08
-14	1.500	.113-.133	14.71	-34	3.625	2.190-2.250	26.68	-54	1.938	.502-.562	17.16
-15	1.562	.128-.188	15.06	-35	3.750	2.315-2.375	27.39				
-16	1.625	.190-.250	15.41	-36	3.875	2.440-2.500	28.09				
-17	1.688	.252-.312	15.76	-37	4.000	2.565-2.625	28.80				
-18	1.750	.315-.375	16.11	-38	4.125	2.690-2.750	29.50				
-19	1.812	.378-.438	16.46	-39	4.250	2.815-2.875	30.21				
-20	1.875	.440-.500	16.81	-40	4.375	2.940-3.000	30.91				
-21	2.000	.565-.625	17.51	-41	4.500	3.065-3.125	31.62				
-22	2.125	.690-.750	18.21	-42	4.625	3.190-3.250	32.32				
-23	2.250	.815-.875	18.93	-43	4.750	3.315-3.375	33.03				

ⓐ ENTIRE STANDARD REDRAWN

P.A. NAVY - AS Other Cust ARMY - AV	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE-DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, SILVER PLATED, .5625-18 UNJF-3A.	MILITARY STANDARD MS9580
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	PAGE 1	OF 2

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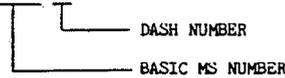
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APPROVED 16 DEC 65 REVISED 30 SEPT 89

REQUIREMENTS:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL IN ACCORDANCE WITH AMS 5731 (UNS S66286).
2. FLUORESCENT PENETRANT INSPECTION: FLUORESCENT PENETRANT INSPECTION IN ACCORDANCE WITH AMS 2645 BEFORE PLATING.
3. FINISH: SILVER PLATE IN ACCORDANCE WITH AMS 2411 .0002-.0006 THICK AT THREAD PD. DIMENSIONS SPECIFIED ARE AFTER PLATING. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
4. THREADS: THREADS IN ACCORDANCE WITH MIL-S-8879. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MANUFACTURING: MANUFACTURE IN ACCORDANCE WITH AMS 7477.
6. DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
7. EDGES: BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
8. SURFACE TEXTURE: SURFACE TEXTURE IN ACCORDANCE WITH ANSI/ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
9. TOLERANCING: UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS  $\pm .010$ , ANGULAR DIMENSIONS  $+5^\circ$ .
10. WRENCHING CONFIGURATION: WRENCHING CONFIGURATION IN ACCORDANCE WITH AS 870.
11. MARKING: MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH AS 478 CLASS A.
12. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS PART NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS9580-04



MS9580-04 INDICATES: BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, AMS 5731, SILVER PLATED, .5625-18 UNJF-3A X .875 LONG.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. DO NOT USE UNASSIGNED PART NUMBERS.
3. IN THE EVENT OF A CONFLICT BETWEEN IN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
4. 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.
5. THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE SAE AEROSPACE PROPULSION DIVISION.
6. AS AND AMS ARE SAE PUBLICATIONS.

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APPROVED 16 DEC 65 REVISED ① FOR CHANGES SEE PAGES 1 AND 2

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