



TABLE 1 DASH NUMBERS AND DIMENSIONS

DASH NUMBER	A	B + 000 - 060	C	L RLF	APPROX WEIGHT LBS/100
-001	438	1/	750	1 406	4 10
-002	438	1/	.812	1 469	4 27
-003	438	1/	.875	1 531	4 44
-004	438	1/	938	1 594	4 61
-005	438	1/	1 000	1 656	4 78
-006	438	1/	1 062	1 719	4 95
-007	438	.125	1 125	1 781	5 12
-008	438	.188	1 188	1 844	5 29
-009	438	.250	1 250	1 906	5 43
-010	438	.312	1 312	1 969	5 60
-011	438	.375	1 375	2 031	5 77
-012	438	.438	1 438	2 094	5 94
-013	438	500	1 500	2 156	6 14
-014	438	562	1 562	2 219	6 28
-015	438	625	1 625	2 281	6 45
-016	438	688	1 688	2 344	6 62
-017	438	750	1 750	2 406	6 76
-018	438	812	1 812	2 469	6 93
-019	438	875	1 875	2 531	7 10
-020	438	938	1 938	2 594	7 27
-021	438	1 000	2 000	2 656	7 44
-022	438	1 062	2 062	2 719	7 61
-023	438	1 125	2 125	2 781	7 78
-024	438	1 250	2 250	2 906	8 09
-025	438	1 375	2 375	3 031	8 43
-026	438	1 500	2 500	3 156	8 77
-027	438	1 625	2 625	3 281	9 11
-028	438	1 750	2 750	3 406	9 42
-029	438	1 875	2 875	3 531	9 76
-030	438	2 000	3 000	3 656	10 11
-050	500	1/	750	1 469	4 27
-051	500	1/	.812	1 531	4 44
-052	500	1/	.875	1 594	4 61
-053	500	1/	938	1 656	4 78
-054	500	1/	1 000	1 719	4 95
-055	500	1/	1 062	1 781	5 12
-056	500	.125	1 125	1 844	5 29
-057	500	.188	1 188	1 906	5 43
-058	500	.250	1 250	1 969	5 60
-059	500	.312	1 312	2 031	5 77
-060	500	.375	1 375	2 094	5 94
-061	500	.438	1 438	2 156	6 14
-062	500	500	1 500	2 219	6 28
-063	500	562	1 562	2 281	6 45
-064	500	625	1 625	2 344	6 62
-065	500	.688	1 688	2 406	6 76
-066	500	750	1 750	2 469	6 93
-067	500	.812	1 812	2 531	7 10
-068	500	.875	1 875	2 594	7 27
-069	500	938	1 938	2 656	7 44
-070	500	1 000	2 000	2 719	7 61
-071	500	1 062	2 062	2 781	7 78
-072	500	1 125	2 125	2 844	8 09
-073	500	1 250	2 250	2 969	8 43
-074	500	1 375	2 375	3 094	8 77
-075	500	1 500	2 500	3 219	9 11
-076	500	1 625	2 625	3 344	9 42
-077	500	1 750	2 750	3 469	9 76
-078	500	1 875	2 875	3 594	10 11
-079	500	2 000	3 000	3 719	10 15

(B) ENTIRE STANDARD REVISED

P. A. NAVY-AS Other: Coast ARMY-AR AIR FORCE-99	INTERNATIONAL INTEREST	TITLE: STUD. SHOULDERED AND STEPPED, HEXAGON WRENCHING, DRILLED, STEEL, .250-28 UNF-3A X .375-24 UNF-3A	MILITARY STANDARD MS 9312
PROCUREMENT SPECIFICATION AMS 7452-73		SUPERSEDES:	PAGE 1 OF 3

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APPROVED 24 FEB 60 REVISED (B) 22 MAY 86

USER ACTIVITIES.

REVIEWER ACTIVITIES:
AIR FORCE-82
DLA-15

DISTRIBUTION STATEMENT A Approved for public release, distribution is unlimited

N/A

DD FORM 672-1 (COORDINATED)
1 MAY 73

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FED SUP CLASS
5307

TABLE 1 DASH NUMBERS AND DIMENSIONS - CONTINUED

DASH NUMBER	A	B + .000 -.060	C	L REF	APPROX WEIGHT LBS/100	DASH NUMBER	A	B + .000 -.060	C	L REF	APPROX WEIGHT LBS/100
-100	.562	1/	.750	1.531	4.44	-150	.625	1/	.750	1.594	4.61
-101	.562	1/	.812	1.594	4.61	-151	.625	1/	.812	1.656	4.78
-102	.562	1/	.875	1.656	4.78	-152	.625	1/	.875	1.719	4.95
-103	.562	1/	.938	1.719	4.95	-153	.625	1/	.938	1.781	5.12
-104	.562	1/	1.000	1.781	5.12	-154	.625	1/	1.000	1.844	5.29
-105	.562	1/	1.062	1.844	5.29	-155	.625	1/	1.062	1.906	5.43
-106	.562	.125	1.125	1.906	5.43	-156	.625	.125	1.125	1.969	5.60
-107	.562	.188	1.188	1.969	5.60	-157	.625	.188	1.188	2.031	5.77
-108	.562	.250	1.250	2.031	5.77	-158	.625	.250	1.250	2.094	5.94
-109	.562	.312	1.312	2.094	5.94	-159	.625	.312	1.312	2.156	6.14
-110	.562	.375	1.375	2.156	6.14	-160	.625	.375	1.375	2.219	6.28
-111	.562	.438	1.438	2.219	6.28	-161	.625	.438	1.438	2.281	6.45
-112	.562	.500	1.500	2.281	6.45	-162	.625	.500	1.500	2.344	6.62
-113	.562	.562	1.562	2.344	6.62	-163	.625	.562	1.562	2.406	6.76
-114	.562	.625	1.625	2.406	6.76	-164	.625	.625	1.625	2.469	6.93
-115	.562	.688	1.688	2.469	6.93	-165	.625	.688	1.688	2.531	7.10
-116	.562	.750	1.750	2.531	7.10	-166	.625	.750	1.750	2.594	7.27
-117	.562	.812	1.812	2.593	7.27	-167	.625	.812	1.812	2.656	7.44
-118	.562	.875	1.875	2.656	7.44	-168	.625	.875	1.875	2.719	7.61
-119	.562	.938	1.938	2.719	7.61	-169	.625	.938	1.938	2.781	7.78
-120	.562	1.000	2.000	2.781	7.78	-170	.625	1.000	2.000	2.844	8.09
-121	.562	1.062	2.062	2.844	8.09	-171	.625	1.062	2.062	2.906	8.43
-122	.562	1.125	2.125	2.906	8.43	-172	.625	1.125	2.125	2.969	8.77
-123	.562	1.250	2.250	3.031	8.77	-173	.625	1.250	2.250	3.094	9.11
-124	.562	1.375	2.375	3.156	9.11	-174	.625	1.375	2.375	3.219	9.42
-125	.562	1.500	2.500	3.281	9.42	-175	.625	1.500	2.500	3.344	9.76
-126	.562	1.625	2.625	3.406	9.76	-176	.625	1.625	2.625	3.469	10.11
-127	.562	1.750	2.750	3.531	10.11	-177	.625	1.750	2.750	3.594	10.15
-128	.562	1.875	2.875	3.656	10.15	-178	.625	1.875	2.875	3.719	10.27
-129	.562	2.000	3.000	3.781	10.27	-179	.625	2.000	3.000	3.844	10.30

1/ THREAD TO HEAD MAXIMUM TWO INCOMPLETE THREADS

REQUIREMENTS

- MATERIAL STEEL IN ACCORDANCE WITH AMS 6322-80
- FINISH CADMIUM PLATE IN ACCORDANCE WITH AMS 2400-80
- HARDNESS 26-32HRC
- DIMENSIONING AND TOLERANCING DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M
- THREADS THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/2 ACCEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/20, SYSTEM 22
- SURFACE TEXTURE SURFACE TEXTURE SHALL BE IN ACCORDANCE WITH AS291-64
- MAGNETIC PARTICLE INSPECTION MAGNETIC PARTICLE INSPECTION SHALL BE IN ACCORDANCE WITH AMS 2640-83
- MARKING MATERIAL IDENTIFICATION AND MARKING IN ACCORDANCE WITH AMS 2800-76 DEPRESSED .010 MAX
- TOLERANCE UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$
- EDGES BREAK SHARP EDGES .003 - .015, UNLESS OTHERWISE SPECIFIED
- PART NUMBER THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE 1

EXAMPLE: MS9312-001

DASH NUMBER

BASIC MS NUMBER

MS9312-001 INDICATES STUD, SHOULDERED AND STEPPED, HEXAGON WRENCHING, DRILLED, STEEL,
.250-28 UNF-3A X .375-24 UNF-3A, LENGTH 1.406

P A NAVY-AS Other Cust ARMY-AR AIR FORCE-99	INTERNATIONAL INTEREST	TITLE STUD, SHOULDERED AND STEPPED, HEXAGON WRENCHING, DRILLED, STEEL, 250-28 UNF-3A X .375-24 UNF-3A	MILITARY STANDARD MS9312
PROCUREMENT SPECIFICATION AMS 7452-73		SUPERSEDES:	PAGE 2 OF 3

DD FORM 672-1 (COORDINATED)

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USER ACTIVITIES.

REVIEWER ACTIVITIES.
AIR FORCE-82
DLA-IS

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document, when applicable.

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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 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.
5. THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE SAE AEROSPACE PROPULSION DIVISION
6. AS AND AMS ARE SAE PUBLICATIONS.

USER ACTIVITIES

REVIEWER ACTIVITIES:
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DLA-15

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