

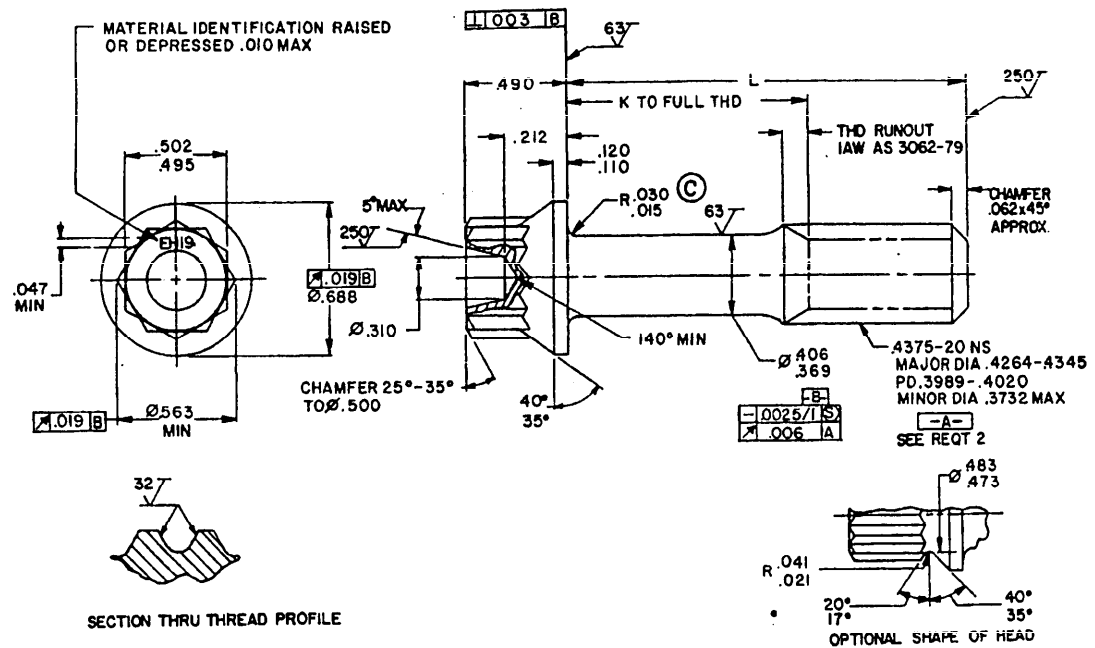
FED. SUP CLASS
5305USER ACTIVITIES:
NAVY-MCREVIEWER ACTIVITIES:
DLA-ISINACTIVE FOR DESIGN AFTER 6 APRIL 1967
NO SUPERSEDING STANDARD

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100	DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100	DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100
-06	.812	1/	5.51	-23	2.000	.875	9.90	-40	4.125	3.000	17.85
-07	.875	1/	5.74	-24	2.125	1.000	10.38	-41	4.250	3.125	18.31
-08	.938	1/	5.97	-25	2.250	1.125	10.85	-42	4.375	3.250	18.75
-09	1.000	1/	6.20	-26	2.375	1.250	11.32	-43	4.500	3.375	19.31
-10	1.062	1/	6.43	-27	2.500	1.375	11.79	-44	4.625	3.500	19.66
-11	1.125	1/	6.67	-28	2.625	1.500	12.26	-45	4.750	3.625	20.12
-12	1.188	1/	6.90	-29	2.750	1.625	12.72	-46	4.875	3.750	20.59
-13	1.250	.125	7.13	-30	2.875	1.750	13.19	-47	5.000	3.875	21.05
-14	1.312	.188	7.36	-31	3.000	1.875	13.66	-48	5.125	4.000	21.51
-15	1.375	.250	7.59	-32	3.125	2.000	14.12	-49	5.250	4.125	21.97
-16	1.438	.312	7.82	-33	3.250	2.125	14.59	-50	5.375	4.250	22.33
-17	1.500	.375	8.05	-34	3.375	2.250	15.06	-51	5.500	4.375	22.80
-18	1.562	.438	8.27	-35	3.500	2.375	15.52	-52	5.625	4.500	23.27
-19	1.625	.500	8.50	-36	3.625	2.500	15.99	-53	5.750	4.625	23.74
-20	1.688	.562	8.73	-37	3.750	2.625	16.45	-54	5.875	4.750	24.21
-21	1.750	.625	8.96	-38	3.875	2.750	16.92	-55	6.000	4.875	24.67
-22	1.875	.750	9.43	-39	4.000	2.875	17.39				

1/ THREAD TO HEAD. MAXIMUM TWO INCOMPLETE THREADS

© DENOTES CHANGES

P. A. NAVY-AS Other Cust AIR FORCE-II	INTERNATIONAL INTEREST	TITLE BOLT-MACHINE, 12 POINT HEAD HEAT RESISTANT STEEL 4375-20 NS	MILITARY STANDARD MS9037
PROCUREMENT SPECIFICATION AMS 7478	SUPERSEDES:	PAGE 1	OF 2

MSC N/A

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5305-1704

APPROVED 15 FEB 55
REVISED (A) 6 APR 67 (B) 29 AUG 86 (C) 19 JUN 87

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This military standard is approved for use by all Departments and Agencies of the Department of Defense.

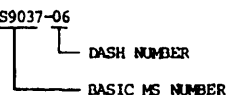
Selection for all new engineering and design applications and for repetitive use shall be made from this document, when applicable.

FED. SUP CLASS
5305

REQUIREMENTS:

1. **MATERIAL:** HEAT RESISTANT STEEL IN ACCORDANCE WITH AMS 5732.
2. **THREADS:** THREADS IN ACCORDANCE WITH MIL-S-7742. INCOMPLETE THREADS NOT TO ENTER FILLET.
3. **DIMENSIONING AND TOLERANCING:** DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
4. **SURFACE TEXTURE:** SURFACE TEXTURE, UNLESS OTHERWISE SPECIFIED, SHALL BE 125 MICROINCHES EXCEPT UPSET HEAD IN ACCORDANCE WITH ANSI B46.1.
5. **FLUORESCENT PENETRANT INSPECTION:** FLUORESCENT PENETRANT INSPECTION SHALL BE IN ACCORDANCE WITH AMS 2645-83.
6. **TOLERANCE:** UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
7. **EDGES:** BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
8. **PART NUMBER:** THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE 1.

EXAMPLE: MS9037-06



MS9037-06 INDICATES: BOLT, MACHINE, 12 POINT HEAD, HEAT RESISTANT STEEL;
.4375-20 NS; LENGTH .812.

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.
7. SUBJECT TERM (KEY WORD) LISTING.
BOLT, MACHINE, 12 POINT HEAD, HEAT RESISTANT STEEL.

APPROVED 15 FEB 55 REVISED (C) FOR CHANGES SEE PAGES 1 AND 2

P. A. NAVY-AS Other Cust AIR FORCE-II	INTERNATIONAL INTEREST	TITLE BOLT-MACHINE, 12 POINT HEAD HEAT RESISTANT STEEL 4375-20 NS	MILITARY STANDARD MS9037
PROCUREMENT SPECIFICATION AMS 7478	SUPERSEDES:	PAGE 2 OF 2	

USER ACTIVITIES:
NAVY-MCREVIEWER ACTIVITIES:
DLA-IS

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