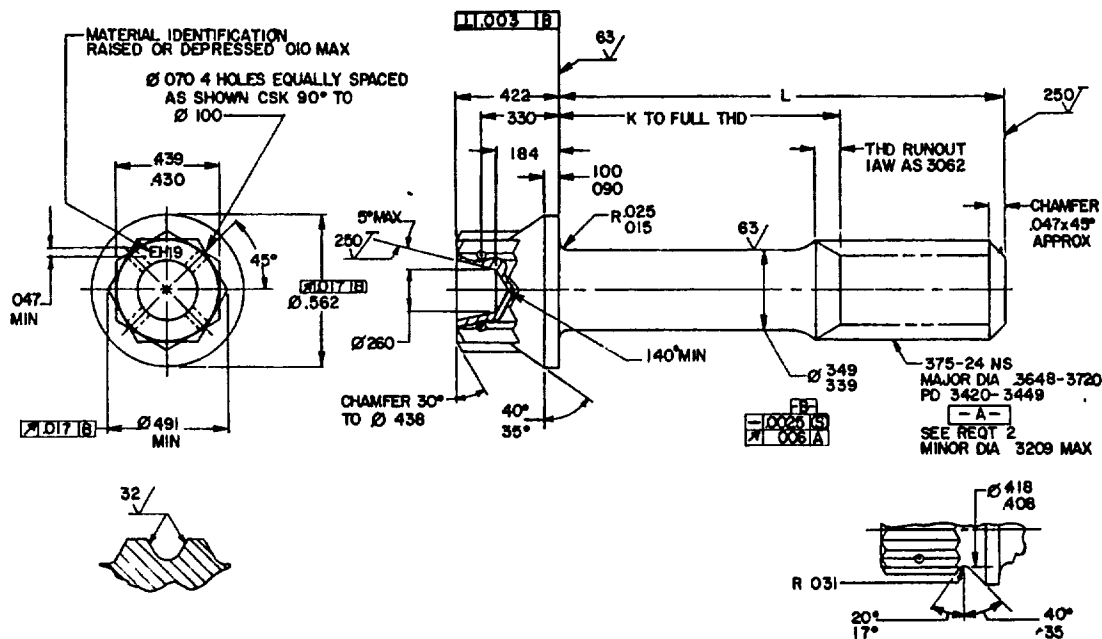


## USER ACTIVITIES

REVIEWER ACTIVITIES.  
AIR FORCE - 82  
DLA-15



SECTION THRU THREAD PROFILE

### OPTIONAL SHAPE OF HEAD

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	.750	1/	3.74	-23	1.875	.875	6.77	-40	4.000	3.000	12.47
-07	.812	1/	3.90	-24	2.000	1.000	7.11	-41	4.125	3.125	12.80
-08	.875	1/	4.07	-25	2.125	1.125	7.44	-42	4.250	3.250	13.13
-09	.938	1/	4.24	-26	2.250	1.250	7.78	-43	4.375	3.375	13.46
-10	1.000	1/	4.41	-27	2.375	1.375	8.11	-44	4.500	3.500	13.89
-11	1.062	1/	4.58	-28	2.500	1.500	8.44	-45	4.625	3.625	14.23
-12	1.125	.125	4.75	-29	2.625	1.625	8.78	-46	4.750	3.750	14.56
-13	1.188	.188	4.91	-30	2.750	1.750	9.12	-47	4.875	3.875	14.89
-14	1.250	.250	5.08	-31	2.875	1.875	9.46	-48	5.000	4.000	15.23
-15	1.312	.312	5.25	-32	3.000	2.000	9.80	-49	5.125	4.125	15.57
-16	1.375	.375	5.43	-33	3.125	2.125	10.13	-50	5.250	4.250	15.90
-17	1.438	.438	5.60	-34	3.250	2.250	10.47	-51	5.375	4.375	16.23
-18	1.500	.500	5.76	-35	3.375	2.375	10.80	-52	5.500	4.500	16.56
-19	1.562	.562	5.93	-36	3.500	2.500	11.14	-53	5.625	4.625	16.89
-20	1.625	.625	6.10	-37	3.625	2.625	11.47	-54	5.750	4.750	17.23
-21	1.688	.688	6.27	-38	3.750	2.750	11.80	-55	5.875	4.875	17.57
-22	1.750	.750	6.44	-39	3.875	2.875	12.14	-56	6.000	5.000	17.91

1/ THREAD TO HEAD. MAXIMUM TWO INCOMPLETE THREADS

INACTIVE FOR NEW DESIGN  
AFTER 31 DEC 1963

② ENTIRE STANDARD REVISED

P A  
 NAVY-AS  
 Other Cust  
 ARMY-AV

**INTERNATIONAL  
INTEREST**

**TITLE** BOLT, MACHINE-DOUBLE HEXAGON,  
EXTENDED WASHER HEAD, CORROSION  
AND HEAT RESISTANT STEEL, DRILLED,  
375-24 NS

## MILITARY STANDARD

MS 9063

PROCUREMENT SPECIFICATION  
AMS747B

**SUPERSEDES:**

PAGE 1 OF 2

DD FORM 672-1 (COORDINATED)  
1 MAY 73

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-1111

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UMSC N/A

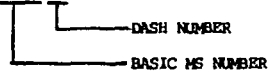
APPROVED 15 AUG 60 REVISED (B) 8 AUG 86

FED SUP CLASS  
5306

## REQUIREMENTS:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL 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. FLUORESCENT PENETRANT INSPECTION: FLUORESCENT PENETRANT INSPECTION SHALL BE IN ACCORDANCE WITH AMS 2645-83.
5. SURFACE TEXTURE: SURFACE TEXTURE, UNLESS OTHERWISE SPECIFIED, SHALL BE 125 MICROINCHES, EXCEPT UPSET HEAD, IN ACCORDANCE WITH ANSI B46.1.
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 I.

EXAMPLE: MS9063-06



MS9063-06 INDICATES: BOLT, MACHINE, CRES, DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED;  
.375-24 NS; LENGTH .750.

## 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  
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.

APPROVED 15 AUG 60 REVISED (B) FOR CHANGES SEE PAGES I AND 2

P A NAVY- AS Other Cust ARMY- AV	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE- DOUBLE HEXAGON, EXTENDED WASHER HEAD, CORROSION AND HEAT RESISTANT STEEL, DRILLED, .375-24 NS	MILITARY STANDARD  MS 9063
PROCUREMENT SPECIFICATION AMS 7478	SUPERSEDES:		PAGE 2 OF 2

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-1111

INCH-POUND

MS9063B  
AMENDMENT 1  
29 April 1996

MILITARY STANDARD

BOLT, MACHINE-DOUBLE HEXAGON, EXTENDED WASHER HEAD,  
CORROSION AND HEAT RESISTANT STEEL, DRILLED, .375-24 NS

This amendment forms a part of MS9063B, dated 8 August 1986,  
and is approved for use by all Departments and Agencies of the  
Department of Defense.

PAGE 2

DELETE

4. Fluorescent penetrant inspection per AMS 2645.

SUBSTITUTE

4. Fluorescent penetrant inspection per ASTM E1417.

Custodians:

Army - AV  
Navy - AS

Preparing Activity:

DLA-IS

(Project 5306-1933)

Review activity:

Air Force - 99

AMSC N/A

FSC 5306

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