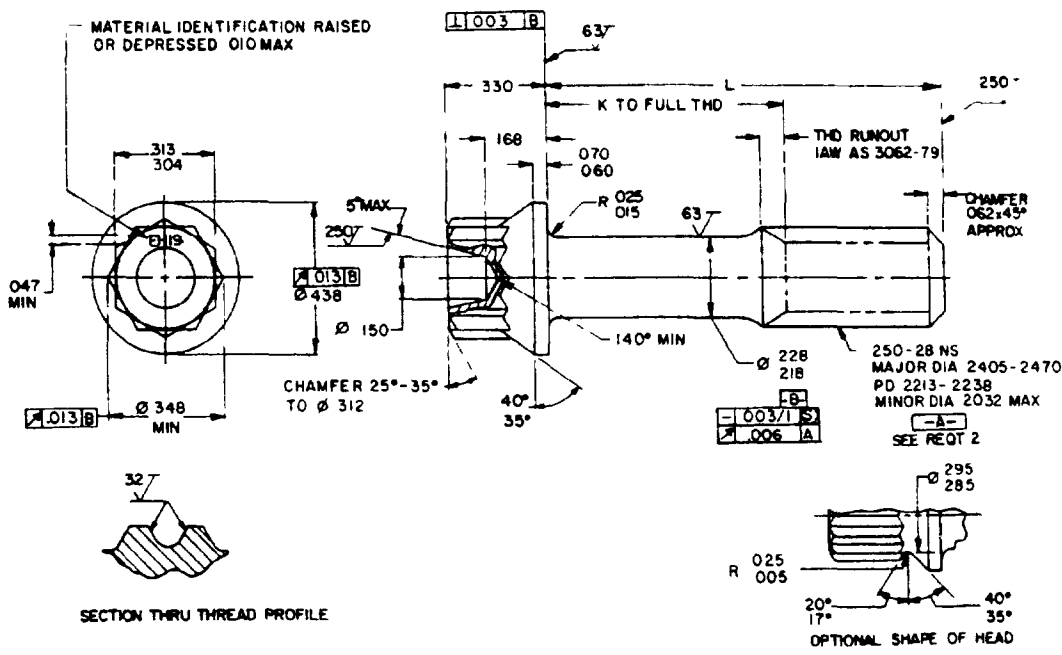
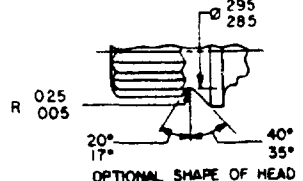


USER ACTIVITIES



SECTION THRU THREAD PROFILE



INACTIVE 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	500	1/2	1.29	-23	1.562	.812	2.50	-41	3.625	2.875	4.85
-07	.562	1/2	1.36	-24	1.625	.875	2.57	-42	3.750	3.000	4.99
-08	.625	1/2	1.44	-25	1.688	.938	2.64	-43	3.875	3.125	5.13
-09	.688	1/2	1.51	-26	1.750	1.000	2.72	-44	4.000	3.250	5.27
-10	.750	1/2	1.58	-27	1.875	1.125	2.86	-45	4.125	3.375	5.42
-11	.812	1/2	1.65	-28	2.000	1.250	3.00	-46	4.250	3.500	5.56
-12	.875	.125	1.72	-29	2.125	1.375	3.14	-47	4.375	3.625	5.71
-13	.938	.188	1.79	-30	2.250	1.500	3.29	-48	4.500	3.750	5.85
-14	1.000	.250	1.86	-31	2.375	1.625	3.43	-49	4.625	3.875	6.00
-15	1.062	.312	1.93	-32	2.500	1.750	3.57	-50	4.750	4.000	6.14
-16	1.125	.375	2.00	-33	2.625	1.875	3.71	-51	4.875	4.125	6.29
-17	1.188	.438	2.08	-34	2.750	2.000	3.85	-52	5.000	4.250	6.43
-18	1.250	.500	2.15	-35	2.875	2.125	4.00	-53	5.125	4.375	6.56
-19	1.312	.562	2.22	-36	3.000	2.250	4.14	-54	5.250	4.500	6.70
-20	1.375	.625	2.29	-37	3.125	2.375	4.29	-55	5.375	4.625	6.84
-21	1.438	.688	2.36	-38	3.250	2.500	4.43	-56	5.500	4.750	6.99
-22	1.500	.750	2.43	-39	3.375	2.625	4.58	-57	5.625	4.875	7.13
				-40	3.500	2.750	4.72	-58	5.750	5.000	7.28
								-59	5.875	5.125	7.42
								-60	6.000	5.250	7.57

1/2 THREAD TO HEAD MAXIMUM TWO INCOMPLETE THREADS

(B) ENTIRE STANDARD REVISED

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited
This military standard is approved for use by all Departments and Agencies of the Department of Defense
Instruction for all interested engineering and design applications and for repetitive use shall be made from this document, when applicable.

REVIEWER ACTIVITIES
DLA-1S

NAVY-AS Other Code AIR FORCE-11	INTERNATIONAL INTEREST	TITLE BOLT-MACHINE, 12 POINT HEAD HEAT RESISTANT STEEL 250-28 NS	MILITARY STANDARD MS9034
PROCUREMENT SPECIFICATION AMS 747B	SUPERSEDES	PAGE 1 OF 2	

APPROVED 15 FEB 55 REVISED 6 APR 67 29 AUG 86

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 I

EXAMPLE. MS9034-06

DASH NUMBER

BASIC MS NUMBER

MS9034-06 INDICATES BOLT, MACHINE, 12 POINT HEAD, HEAT RESISTANT STEEL,
250-28 MS; LENGTH .500

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

USER ACTIVITIES

REVIEWER ACTIVITIES
DLA-1S

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

APPROVED 15 FEB 55 REVISED FOR CHANGES SEE PAGES I AND 2

P. A. NAVY-AS Other Code AIR FORCE-11	INTERNATIONAL INTEREST	TITLE BOLT-MACHINE, 12 POINT HEAD HEAT RESISTANT STEEL 250-28 MS	MILITARY STANDARD
			MS9034
PROCUREMENT SPECIFICATION AMS-747B	SUPERSEDES	PAGE 2 OF 2	