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DLA-IS

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AMSC N/A

1748

FED. SUP. CLASS
5306

MATERIAL IDENTIFICATION RAISED OR DEPRESSED DIO MAX

Ø.070 4 HOLES EQUALLY SPACED AS SHOWN CSK 90° TO Ø.100

Ø.047 MIN

Ø.627

Ø.616

45°

Ø.875

3° MAX 250

Ø.370

CHAMFER 30° TO Ø.625

Ø.703

Ø.0261B

Ø.0051B

63°

.590

.500

.290

.140

R.030 .015

63°

140 MIN

Ø.530 .520

.5625-18 UNF-3A

CHAMFER .062 ±.45° APPROX

Ø.605

Ø.595

R.031

20°

17°

40°

35°

SECTION THRU THREAD PROFILE

TABLE 1 DASH NUMBER AND DIMENSIONS

DASH NO.	L	K +.000 -.060	APPROX WEIGHT LBS/100
-06	1.000	1/	11.91
-07	1.062	1/	12.26
-08	1.125	1/	12.61
-09	1.188	1/	12.96
-10	1.250	1/	13.31
-11	1.312	1/	13.66
-12	1.375	1/	14.01
-13	1.438	1/	14.36
-14	1.500	.125	14.71
-15	1.562	.188	15.06
-16	1.625	.250	15.41
-17	1.688	.312	15.76
-18	1.750	.375	16.11
-19	1.875	.500	16.81
-20	2.000	.625	17.51
-21	2.125	.750	18.21
-22	2.250	.875	18.93
-23	2.375	1.000	19.63
-24	2.500	1.125	20.34
-25	2.625	1.250	21.04
-26	2.750	1.375	21.75
-27	2.875	1.500	22.45
-28	3.000	1.625	23.16
-29	3.125	1.750	23.86
-30	3.250	1.875	24.57
-31	3.375	2.000	25.27
-32	3.500	2.125	25.98
-33	3.625	2.250	26.68
-34	3.750	2.375	27.39
-35	3.875	2.500	28.09
-36	4.000	2.625	28.80
-37	4.125	2.750	29.50
-38	4.250	2.875	30.21
-39	4.375	3.000	30.91
-40	4.500	3.125	31.62
-41	4.625	3.250	32.32
-42	4.750	3.375	33.03
-43	4.875	3.500	33.73
-44	5.000	3.625	34.44
-45	5.125	3.750	35.14
-46	5.250	3.875	35.85
-47	5.375	4.000	36.55
-48	5.500	4.125	37.26
-49	5.625	4.250	37.96
-50	5.750	4.375	38.67
-51	5.875	4.500	39.37
-52	6.000	4.625	40.08

OPTIONAL SHAPE OF HEAD

1/ THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS.

REQUIREMENTS:

- MATERIAL:** STEEL AIS 6322.
- THREADS:** THREADS IN ACCORDANCE WITH MIL-S-7742. INCOMPLETE THREADS NOT TO ENTER FILLET.
- HARDNESS:** 26-32 HRC
- FINISH:** BLACK OXIDE TREATMENT IN ACCORDANCE WITH AMS 2485.
- DIMENSIONING AND TOLERANCING:** DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
- WRENCHING CONFIGURATION:** WRENCHING CONFIGURATION IN ACCORDANCE WITH AS 870.
- SURFACE TEXTURE:** SURFACE TEXTURE, UNLESS OTHERWISE SPECIFIED, SHALL BE 125 MICROINCHES EXCEPT UPSET HEAD IN ACCORDANCE WITH ANSI B46-1.
- MAGNETIC PARTICLE INSPECTION:** MAGNETIC PARTICLE INSPECTION IN ACCORDANCE WITH AMS 2640.

Ⓐ ENTIRE STANDARD REVISED

P.A. NAVY-AS Other Cust	INTERNATIONAL INTEREST	TITLE BOLT-MACHINE, STEEL, DRILLED 12 POINT HEAD, .5625-18, BLACK OXIDE	MILITARY STANDARD MS9175
AIR FORCE-11	PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES	PAGE 1 OF 2

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS STANDARD ARE OBSOLETE

5306-1169

APPROVED 5 AUG 57
REVISED 6 MAY 87

USER ACTIVITIES:

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DLA-15

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		FED. SUP CLASS 5306	
<p>9. <u>TOLERANCES</u>: UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.</p> <p>10. <u>EDGES</u>: BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.</p> <p>11. <u>PART NUMBER</u>: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.</p> <p>EXAMPLE: MS9175-06</p> <div style="margin-left: 100px;"> <p>└── DASH NUMBER</p> <p>└── BASIC MS NUMBER</p> </div> <p>MS9175-06 INDICATES: BOLT-MACHINE, STEEL, DRILLED 12 POINT HEAD, .5625-18, BLACK OXIDE, 1.000 LONG.</p> <p>NOTES:</p> <ol style="list-style-type: none"> ALL DIMENSIONS ARE IN INCHES. DO NOT USE UNASSIGNED PART NUMBERS. 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. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) 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. THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE SAE AEROSPACE PROPULSION DIVISION. AS AND AMS ARE SAE PUBLICATIONS. 			
P.A. NAVY-AS Other Cust AIR FORCE-11		INTERNATIONAL INTEREST 	TITLE BOLT-MACHINE, STEEL, DRILLED 12 POINT HEAD, .5625-18, BLACK OXIDE
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