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REV.
A

AS9715

RATIONALE

REDRAWN TO PROVIDE ALTERNATIVE METHOD OF MANUFACTURER OF THE LIGHTENING HOLE.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9715A, AMENDMENT 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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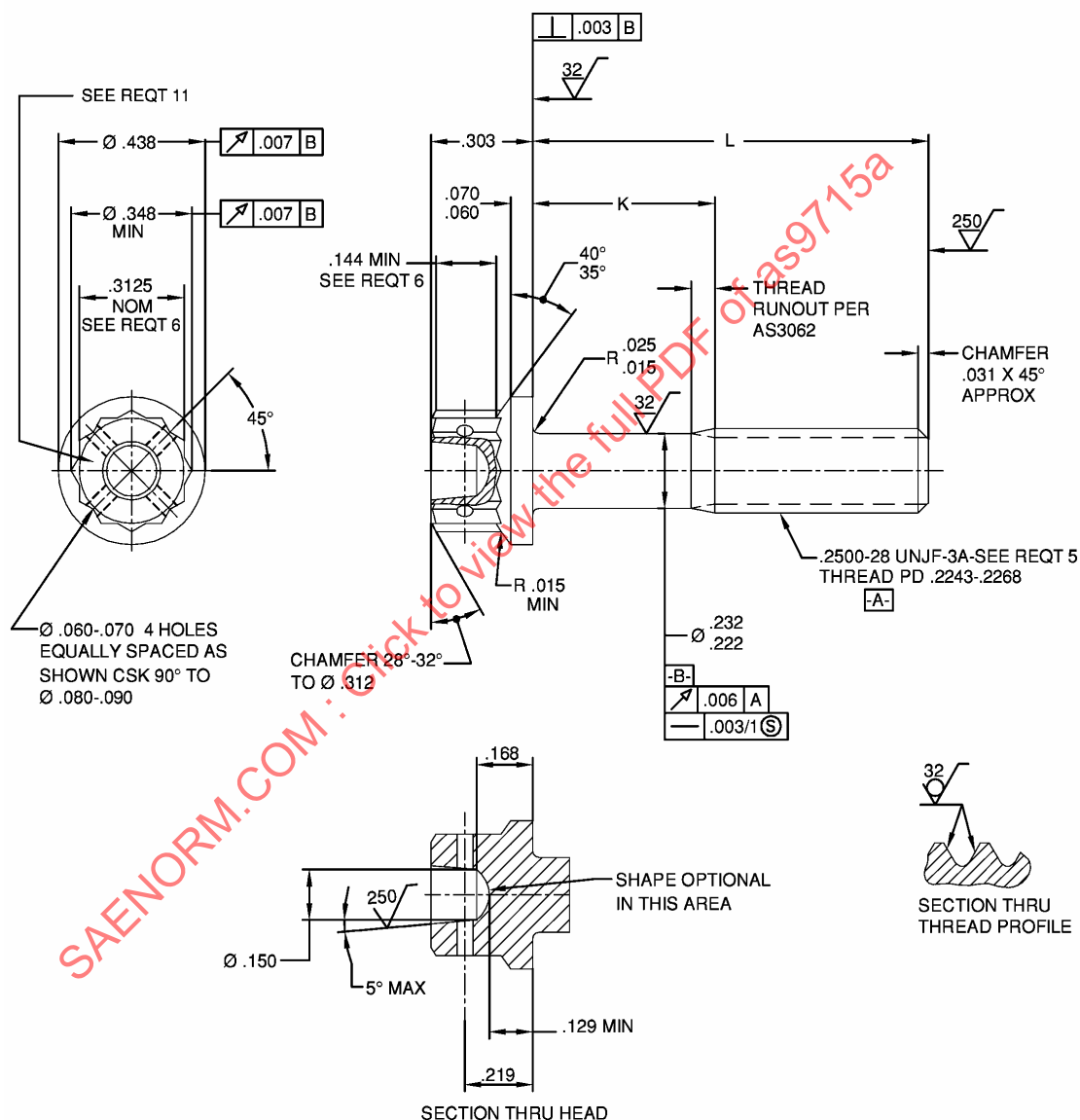


FIGURE 1 - BOLT

CUSTODIAN: SAE E-25

PROCUREMENT SPECIFICATION: AS7471.

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

BOLT, MACHINE-DOUBLE HEXAGON, EXTENDED WASHER HEAD, DRILLED, SILVER PLATED, CORROSION AND HEAT RESISTANT STEEL, .2500-28 UNJF-3A

AS9715
SHEET 1 OF 3

REV. A

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ISSUED 1998-10 REAFFIRMED 2003-10 REVISED 2007-07

TABLE 1 - DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K	APPROX WEIGHT LB/100	DASH NUMBER	L	K	APPROX WEIGHT LB/100	DASH NUMBER	L	K	APPROX WEIGHT LB/100
-04	.375	.079-.099	1.06	-25	1.688	.878-.938	2.88	-46	4.125	3.315-3.375	5.75
-05	.438	.079-.099	1.33	-26	1.750	.940-1.000	2.91	-47	4.250	3.440-3.500	5.90
-06	.500	.079-.099	1.41	-27	1.812	1.002-1.062	2.98	-48	4.375	3.565-3.625	6.05
-07	.562	.079-.099	1.48	-28	1.875	1.065-1.125	3.06	-49	4.500	3.690-3.750	6.20
-08	.625	.079-.099	1.56	-29	2.000	1.190-1.250	3.21	-50	4.625	3.815-3.875	6.35
-09	.688	.079-.099	1.63	-30	2.125	1.315-1.375	3.36	-51	4.750	3.940-4.000	6.50
-10	.750	.079-.099	1.71	-31	2.250	1.440-1.500	3.51	-52	4.875	4.065-4.125	6.65
-11	.812	.079-.099	1.78	-32	2.375	1.565-1.625	3.66	-53	5.000	4.190-4.250	6.80
-12	.875	.079-.125	1.86	-33	2.500	1.690-1.750	3.81	-54	5.125	4.315-4.375	6.95
-13	.938	.128-.188	1.93	-34	2.625	1.815-1.875	3.96	-55	5.250	4.440-4.500	7.10
-14	1.000	.190-.250	2.01	-35	2.750	1.940-2.000	4.11	-56	5.375	4.565-4.625	7.25
-15	1.062	.252-.312	2.08	-36	2.875	2.065-2.125	4.26	-57	5.500	4.690-4.750	7.40
-16	1.125	.315-.375	2.16	-37	3.000	2.190-2.250	4.41	-58	5.625	4.815-4.875	7.55
-17	1.188	.378-.438	2.23	-38	3.125	2.315-2.375	4.56	-59	5.750	4.940-5.000	7.70
-18	1.250	.440-.500	2.31	-39	3.250	2.440-2.500	4.71	-60	5.875	5.065-5.125	7.85
-19	1.312	.502-.562	2.38	-40	3.375	2.565-2.625	4.86	-61	6.000	5.190-5.250	8.00
-20	1.375	.565-.625	2.46	-41	3.500	2.690-2.750	5.00				
-21	1.438	.628-.688	2.53	-42	3.625	2.815-2.875	5.15				
-22	1.500	.690-.750	2.61	-43	3.750	2.940-3.000	5.30				
-23	1.562	.752-.812	2.68	-44	3.875	3.065-3.125	5.45				
-24	1.625	.815-.875	2.76	-45	4.000	3.190-3.250	5.60				

REQUIREMENTS:

- FOR PART NUMBERS MS9715-04 THRU MS9715-16 THE THREAD PD (DATUM **- A -**) SHALL REPLACE DATUM **- B -**.
- MATERIAL: CORROSION AND HEAT RESISTANT STEEL IN ACCORDANCE WITH AMS 5708 (UNS N07001).
- PROCUREMENT SPECIFICATION: AS7471.
- FINISH: SILVER PLATE IN ACCORDANCE WITH AMS 2410, .0002 TO .0006 THICK AT THREAD PD. DIMENSIONS SPECIFIED ARE AFTER PLATING.
- THREADS IN ACCORDANCE WITH AS8879. INCOMPLETE THREADS NOT TO ENTER FILLET.
- WRENCHING CONFIGURATION IN ACCORDANCE WITH AS870-10.
- DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
- FLUORESCENT PENETRANT INSPECTION SHALL BE IN ACCORDANCE WITH ASTM E 1417, BEFORE PLATING.
- HEAD TO SHANK FILLET SHALL BE COLD ROLLED AFTER HEAT TREATMENT TO REMOVE ALL VISUAL EVIDENCE OF GRINDING OR TOOL MARKS EXCEPT DASH NUMBER SIZES -14 AND SMALLER.