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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX MASS LB/100
MS9317-02	.490- .510	/a/	1.50
MS9317-03	.552- .572	/a/	1.68
MS9317-04	.615- .635	/a/	1.87
MS9317-05	.678- .698	/a/	2.06
MS9317-06	.740- .760	/a/	2.25
MS9317-07	.802- .822	/a/	2.44
MS9317-08	.865- .885	.065-.125	2.62
MS9317-09	.928- .948	.128-.188	2.81
MS9317-10	.990-1.010	.190-.250	3.00
MS9317-12	1.115-1.135	.315-.375	3.37
MS9317-14	1.240-1.260	.440-.500	3.75
MS9317-16	1.365-1.385	.565-.625	4.12
MS9317-18	1.490-1.510	.690-.750	4.50

/a/ THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS.

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

- /1/ FOR PARTS NUMBERS MS9317-02 THRU MS9317-12, DATUM **Z** (THREAD PD) SHALL REPLACE DATUM **Y**.
2. MATERIAL: LOW ALLOY STEEL PER AMS6304 (COMPOSITION SIMILAR TO UNS K14675).
3. PROCUREMENT SPECIFICATION: AS7454.
4. HEAD TO SHANK FILLET: HEAD TO SHANK FILLET SHALL BE COLD ROLLED AFTER HEAT TREATMENT TO REMOVE ALL VISUAL EVIDENCE OF GRINDING OR TOOL MARKS.
5. FINISH: DIFFUSED NICKEL-CADMIUM PLATE PER AMS2416. DIMENSIONS ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
6. MAGNETIC PARTICLE INSPECTION PER ASTM E1444/E1444M AFTER PLATING.
- /7/ ACCEPTABILITY OF SCREW THREADS SHALL BE DETERMINED BASED ON ASME B1.3M, SYSTEM 22.
8. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 250 MICROINCHES Ra.
- /9/ FOR PARTS MANUFACTURED PRIOR TO ISSUE OF AS9317 REV. A, PARTS MARKED ONLY WITH THE MATERIAL CODE "E37" ARE ACCEPTABLE.
10. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
11. DIMENSIONS ARE IN INCHES.
12. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M -1982 (ASME PUBLICATION).
13. DO NOT USE UNASSIGNED PART NUMBERS.
14. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
15. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

AS AND AMS ARE SAE INTERNATIONAL PUBLICATIONS.
 ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
 ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD		AS9317™ SHEET 2 OF 2	REV. D
	SCREW, MACHINE - HEXAGON HEAD, SLOTTED, FULL SHANK, ALLOY STEEL, UNS K14675, 135 KSI MIN, .2500-28 UNS-3A, NI - CAD. PLATE			





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