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REV.
A

AS9714™

RATIONALE

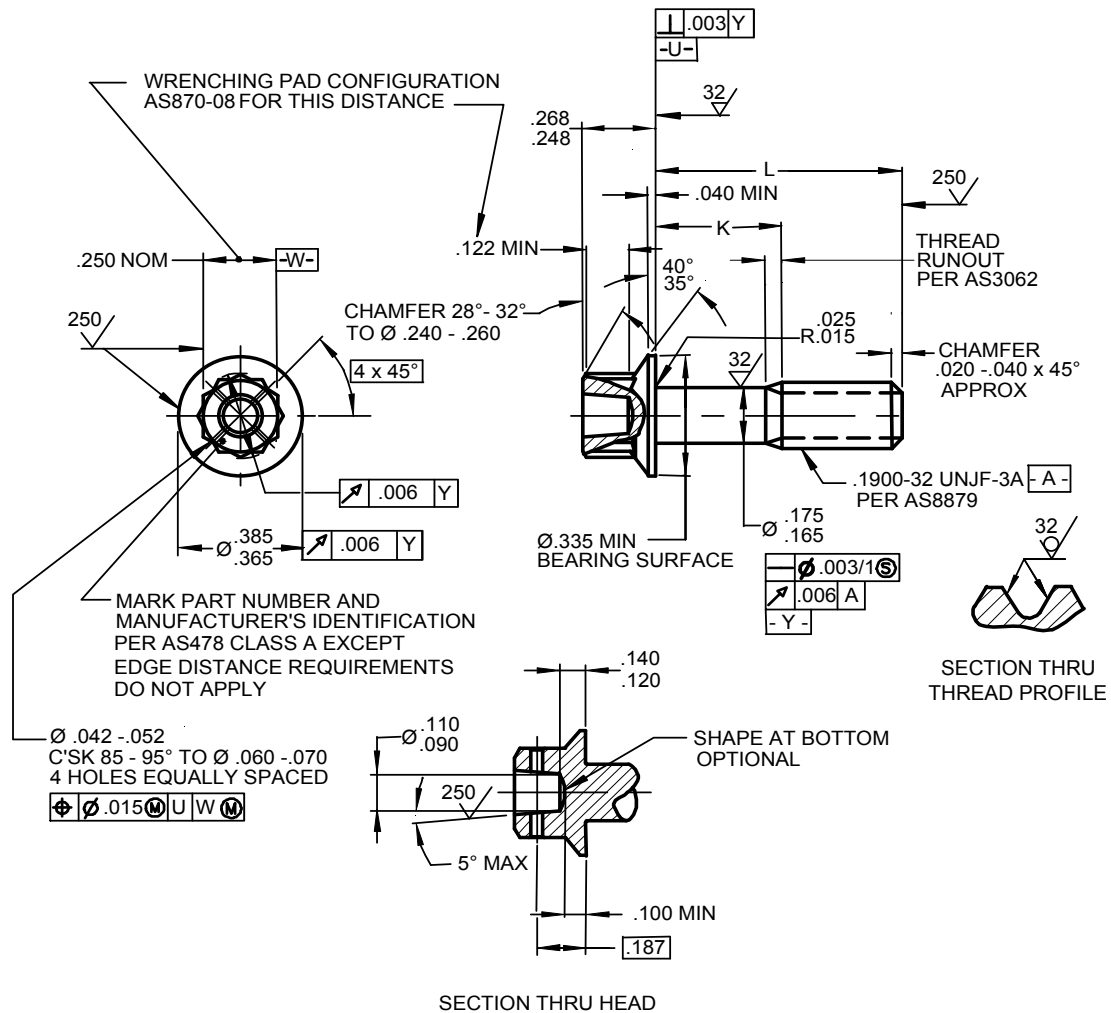
DOCUMENT COMPLETELY REVISED FIGURE REDRAWN, LIGHTENING HOLE SHAPE OPTION ADDED. FULL PART NUMBER ADDED, COLD ROLLING NOTE REVISED, AND NOTES REVISED.

AS9714A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9714A, AMENDMENT 1. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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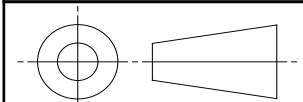


SECTION THRU HEAD

FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9714A/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7471



AEROSPACE STANDARD

(R) BOLT, MACHINE-DOUBLE HEXAGON, EXTENDED WASHER HEAD, DRILLED, SILVER PLATED, CORROSION AND HEAT RESISTANT NICKEL ALLOY UNS N07001, .190-32 UNJF-3A

AS9714™
SHEET 1 OF 2

REV.
A

Documents

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9714 - 04	.375	.072-.092	.68	MS9714 - 25	1.688	.998-1.058	1.57
MS9714 - 05	.438	.072-.092	.73	MS9714 - 26	1.750	1.060-1.120	1.61
MS9714 - 06	.500	.072-.092	.77	MS9714 - 27	1.812	1.122-1.182	1.64
MS9714 - 07	.562	.072-.092	.81	MS9714 - 28	1.875	1.185-1.245	1.69
MS9714 - 08	.625	.072-.092	.85	MS9714 - 29	2.000	1.310-1.370	1.78
MS9714 - 09	.688	.072-.092	.90	MS9714 - 30	2.125	1.435-1.495	1.86
MS9714 - 10	.750	.072-.120	.94	MS9714 - 31	2.250	1.560-1.620	1.94
MS9714 - 11	.812	.122-.182	.98	MS9714 - 32	2.375	1.685-1.745	2.03
MS9714 - 12	.875	.185-.245	1.02	MS9714 - 33	2.500	1.810-1.870	2.11
MS9714 - 13	.938	.248-.308	1.06	MS9714 - 34	2.625	1.935-1.995	2.20
MS9714 - 14	1.000	.310-.370	1.10	MS9714 - 35	2.750	2.060-2.120	2.28
MS9714 - 15	1.062	.372-.432	1.15	MS9714 - 36	2.875	2.185-2.245	2.36
MS9714 - 16	1.125	.435-.495	1.19	MS9714 - 37	3.000	2.310-2.370	2.45
MS9714 - 17	1.188	.498-.558	1.23	MS9714 - 38	3.125	2.435-2.495	2.53
MS9714 - 18	1.250	.560-.620	1.27	MS9714 - 39	3.250	2.560-2.620	2.62
MS9714 - 19	1.312	.622-.682	1.31	MS9714 - 40	3.375	2.685-2.745	2.70
MS9714 - 20	1.375	.685-.745	1.36	MS9714 - 41	3.500	2.810-2.870	2.78
MS9714 - 21	1.438	.748-.808	1.40	MS9714 - 42	3.625	2.935-2.995	2.87
MS9714 - 22	1.500	.810-.870	1.44	MS9714 - 43	3.750	3.060-3.120	2.95
MS9714 - 22	1.562	.872-.932	1.48	MS9714 - 44	3.875	3.185-3.245	3.04
MS9714 - 24	1.625	.935-.995	1.52				

NOTES:

- FOR PART NUMBERS MS9714-04 THRU MS9714-14 THE THREAD PD (DATUM -A-) SHALL REPLACE DATUM -Y-.
- MATERIAL: CORROSION AND HEAT RESISTANT NICKEL ALLOY IN ACCORDANCE WITH AMS5708 (UNS N07001).
- PROCUREMENT SPECIFICATION: AS7471.
- HEAD TO SHANK FILLET: THE HEAD TO SHANK FILLET SHALL BE COLD ROLLED, EXCEPT MS9714-12 AND SMALLER DO NOT REQUIRE FILLET ROLLING.
- FLUORESCENT PENETRANT INSPECTION PER ASTM E1417 TYPE 1, SENSITIVITY LEVEL 2 MINIMUM, BEFORE PLATING.
- FINISH: SILVER PLATE IN ACCORDANCE WITH AMS2410, .0002 TO .0006 THICK AT THREAD PD. DIMENSIONS SPECIFIED ARE AFTER PLATING.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE STATED, SURFACES TO BE 125 MICROINCHES Ra.
- DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
- BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS ARE IN INCHES.
- DIMENSIONING AND TOLERANCES PER ANSI Y14.5M-1982 (ASME PUBLICATION).
- DO NOT USE UNASSIGNED PART NUMBERS.
- 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.

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	AEROSPACE STANDARD		AS9714™ SHEET 1 OF 2	REV. A
	(R) BOLT, MACHINE-DOUBLE HEXAGON, EXTENDED WASHER HEAD, DRILLED, SILVER PLATED, CORROSION AND HEAT RESISTANT NICKEL ALLOY UNS N07001 .190-32 UNJF-3A			

