

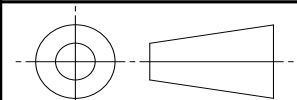
NOTICE

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL'S) MAY CONTINUE TO BE MANDATORY FOR DoD CONTRACTS. REQUIREMENTS RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

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FIGURE 1

THIRD ANGLE PROJECTION



PROCUREMENT SPECIFICATION: AS7470

SAE WEB ADDRESS: <http://www.sae.org>

TABLE 1

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9894-03	.312	.072- .092	.69	MS9894-26	1.750	1.060-1.120	1.61
MS9894-04	.375	.072- .092	.73	MS9894-27	1.812	1.122-1.182	1.65
MS9894-05	.438	.072- .092	.76	MS9894-28	1.875	1.185-1.245	1.69
MS9894-06	.500	.072- .092	.80	MS9894-29	1.938	1.248-1.308	1.73
MS9894-07	.582	.072- .092	.84	MS9894-30	2.000	1.310-1.370	1.77
MS9894-08	.625	.072- .092	.88	MS9894-31	2.125	1.435-1.495	1.85
MS9894-09	.688	.072- .092	.92	MS9894-32	2.250	1.560-1.620	1.93
MS9894-10	.750	.072- .120	.96	MS9894-33	2.375	1.685-1.745	2.01
MS9894-11	.812	.122- .182	1.00	MS9894-34	2.500	1.810-1.870	2.09
MS9894-12	.875	.185- .245	1.04	MS9894-35	2.625	1.935-1.995	2.17
MS9894-13	.938	.248- .308	1.09	MS9894-36	2.750	2.060-2.120	2.25
MS9894-14	1.000	.310- .370	1.13	MS9894-37	2.875	2.185-2.245	2.33
MS9894-15	1.062	.372- .432	1.17	MS9894-38	3.000	2.310-2.370	2.41
MS9894-16	1.125	.435- .495	1.21	MS9894-39	3.125	2.435-2.495	2.49
MS9894-17	1.188	.498- .558	1.25	MS9894-40	3.250	2.560-2.620	2.57
MS9894-18	1.250	.560- .620	1.29	MS9894-41	3.375	2.685-2.745	2.65
MS9894-19	1.312	.622- .682	1.33	MS9894-42	3.500	2.810-2.870	2.73
MS9894-20	1.375	.685- .745	1.37	MS9894-43	3.625	2.935-2.995	2.81
MS9894-21	1.438	.748- .808	1.41	MS9894-44	3.750	3.060-3.120	2.89
MS9894-22	1.500	.810- .870	1.45	MS9894-45	3.875	3.185-3.245	2.97
MS9894-23	1.562	.872- .932	1.49				
MS9894-24	1.625	.935- .995	1.53				
MS9894-25	1.688	.998-1.058	1.57				

NOTES:

1. MATERIAL: AMS5616 (COMPOSITION SIMILAR TO UNS41800).
- 2/ MANUFACTURING SPECIFICATION: AS7470 EXCEPT HEAD SHALL BE UPSET.
3. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra EXCEPT UPSET HEAD.
4. MAGNETIC PARTICLE INSPECTION PER ASTM E1444/E1444M.
5. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
6. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± 0.10 , ANGULAR DIMENSIONS $\pm 5^\circ$.
7. DO NOT USE UNASSIGNED PART NUMBERS.
8. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
9. 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.

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 ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
 ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD		AS9894™ SHEET 2 OF 2	REV. B
	BOLT, MACHINE-DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, AMS5616, .190-32 UNJF-3A			



