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AS9695™

RATIONALE

NEW PART STANDARD TO REPLACE MS9695.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM THE U.S. MILITARY STANDARD MS9694A. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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.

FEDERAL SUPPLY CLASS
5306

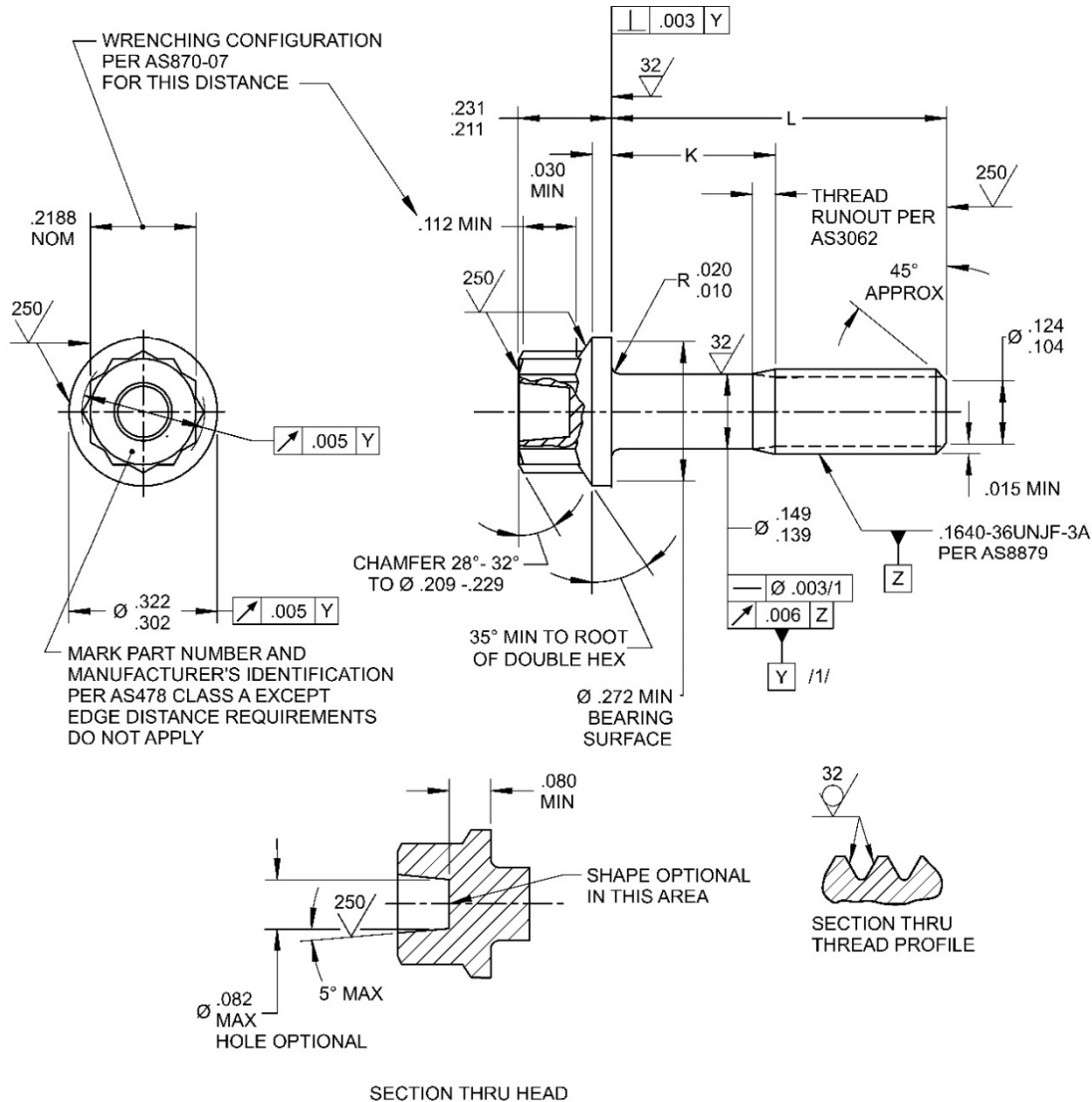
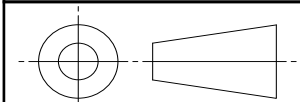


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9695>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7471 /3/ /4/



AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON,
EXTENDED WASHER HEAD, PD SHANK,
NICKEL ALLOY, UNS N07001, .1640-36 UNJF-3A

AS9695™
SHEET 1 OF 2

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
MS9695-03	.302- .322	.062-.082	.45	MS9695-18	1.240-1.260	.612- .672	.91
MS9695-04	.365- .385	.062-.082	.48	MS9695-19	1.302-1.322	.674- .734	.94
MS9695-05	.428- .448	.062-.082	.51	MS9695-20	1.365-1.385	.737- .797	.97
MS9695-06	.490- .510	.062-.082	.54	MS9695-21	1.428-1.448	.800- .860	1.00
MS9695-07	.552- .572	.062-.082	.57	MS9695-22	1.490-1.510	.862- .922	1.04
MS9695-08	.615- .635	.062-.082	.60	MS9695-23	1.552-1.572	.924- .984	1.07
MS9695-09	.678- .698	.062-.110	.63	MS9695-24	1.615-1.635	.987-1.047	1.10
MS9695-10	.740- .760	.112-.172	.66	MS9695-25	1.678-1.698	1.050-1.110	1.13
MS9695-11	.802- .822	.174-.234	.70	MS9695-26	1.740-1.760	1.112-1.172	1.16
MS9695-12	.865- .885	.237-.297	.73	MS9695-27	1.802-1.822	1.174-1.234	1.19
MS9695-13	.928- .948	.300-.360	.76	MS9695-28	1.865-1.885	1.237-1.297	1.22
MS9695-14	.990-1.010	.362-.422	.79	MS9695-29	1.990-2.010	1.362-1.422	1.28
MS9695-15	1.052-1.072	.424-.484	.82				
MS9695-16	1.115-1.135	.487-.547	.85				
MS9695-17	1.178-1.198	.550-.610	.88				

NOTES:

- /1/ FOR PART NUMBERS MS9695-02 THRU MS9695-10, DATUM **Z** (THREAD PD) SHALL REPLACE DATUM **Y**.
2. MATERIAL: NICKEL ALLOY PER AMS5708 (COMPOSITION SIMILAR TO UNS N07001).
- /3/ PROCUREMENT SPECIFICATION: AS7471.
- /4/ COLD WORKING OF THE HEAD TO SHANK FILLET IS NOT REQUIRED ON DASH NUMBERS SIZES -08 AND SMALLER.
5. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M TYPE I, SENSITIVITY LEVEL 2 MIN.
6. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICRONS Ra.
7. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS ARE IN INCHES.
9. DIMENSIONING AND TOLERANCING PER ASME Y14.5-2018.
10. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
11. DO NOT USE UNASSIGNED PART NUMBERS.
12. REVISION INDICATOR: A CHANGE BAR (L) 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	AS9695™ SHEET 2 OF 2 
	BOLT, MACHINE - DOUBLE HEXAGON, EXTENDED WASHER HEAD, PD SHANK, NICKEL ALLOY, UNS N07001, .1640-36 UNJF-3A	

