

NEW PART STANDARD TO REPLACE MS9704.

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AS9704™

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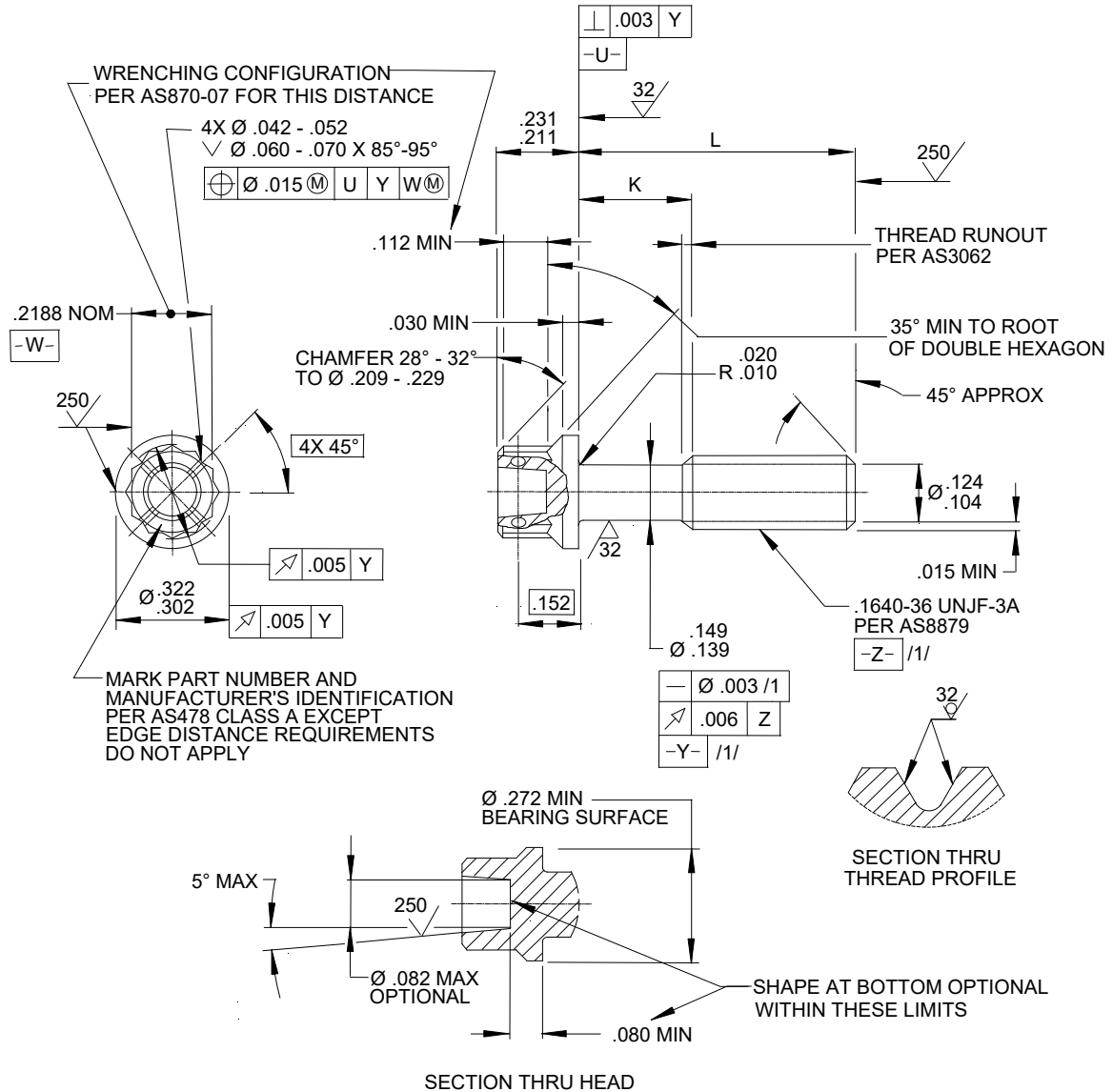
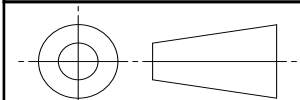


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9704/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7471



AEROSPACE STANDARD

SCREW, MACHINE – DOUBLE HEXAGON EXTENDED
WASHER HEAD, DRILLED, NICKEL ALLOY
(UNS N07001), .1640-36 UNJF-3A

AS9704™
SHEET 1 OF 2

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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
MS9704-03	.302- .322	.062-.082	.45	MS9704-18	1.240-1.260	.612- .672	.91
MS9704-04	.365- .385	.062-.082	.48	MS9704-19	1.302-1.322	.674- .724	.94
MS9704-05	.428- .448	.062-.082	.51	MS9704-20	1.365-1.385	.737- .797	.97
MS9704-06	.490- .510	.062-.082	.54	MS9704-21	1.428-1.448	.800- .860	1.00
MS9704-07	.552- .572	.062-.082	.57	MS9704-22	1.490-1.510	.862- .922	1.04
MS9704-08	.615- .635	.062-.082	.60	MS9704-23	1.552-1.572	.924- .984	1.07
MS9704-09	.678- .698	.062-.110	.63	MS9704-24	1.615- 1.635	.987-1.047	1.10
MS9704-10	.740- .760	.112-.172	.66	MS9704-25	1.678-1.698	1.050-1.110	1.13
MS9704-11	.802- .822	.174-.234	.70	MS9704-26	1.740-1.760	1.112-1.172	1.16
MS9704-12	.865- .885	.237-.297	.73	MS9704-27	1.802-1.822	1.174-1.234	1.19
MS9704-13	.928- .948	.300-.360	.76	MS9704-28	1.865-1.885	1.237-1.297	1.22
MS9704-14	.990-1.010	.362-.422	.79	MS9704-29	1.990-2.010	1.362-1.422	1.28
MS9704-15	1.052-1.072	.424-.484	.82				
MS9704-16	1.115-1.135	.487-.547	.85				
MS9704-17	1.178-1.198	.550-.610	.88				

NOTES:

- /1/ FOR PARTS NUMBERS MS9704-03 THRU MS9704-11, DATUM **Z** SHALL REPLACE DATUM **Y**.
2. MATERIAL: AMS5708 (COMPOSITION SIMILAR TO UNS N07001).
- /3/ PROCUREMENT SPECIFICATION: AS7471.
4. HEAD TO SHANK FILLET SHOULD NOT BE COLD ROLLED FOR DASH NUMBERS-11 AND SMALLER.
5. FLUORESCENT PENETRANT INSPECT PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2.
6. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
7. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS ARE IN INCHES.
9. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1983.
10. DO NOT USE UNASSIGNED PART NUMBERS.
11. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
12. 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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	AEROSPACE STANDARD		AS9704™ SHEET 2 OF 2	
	SCREW, MACHINE – DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, NICKEL ALLOY (UNS N07001), .1640-36 UNJF-3A			

