

RATIONALE

NEW PART STANDARD TO REPLACE MS9487.

NOTICE

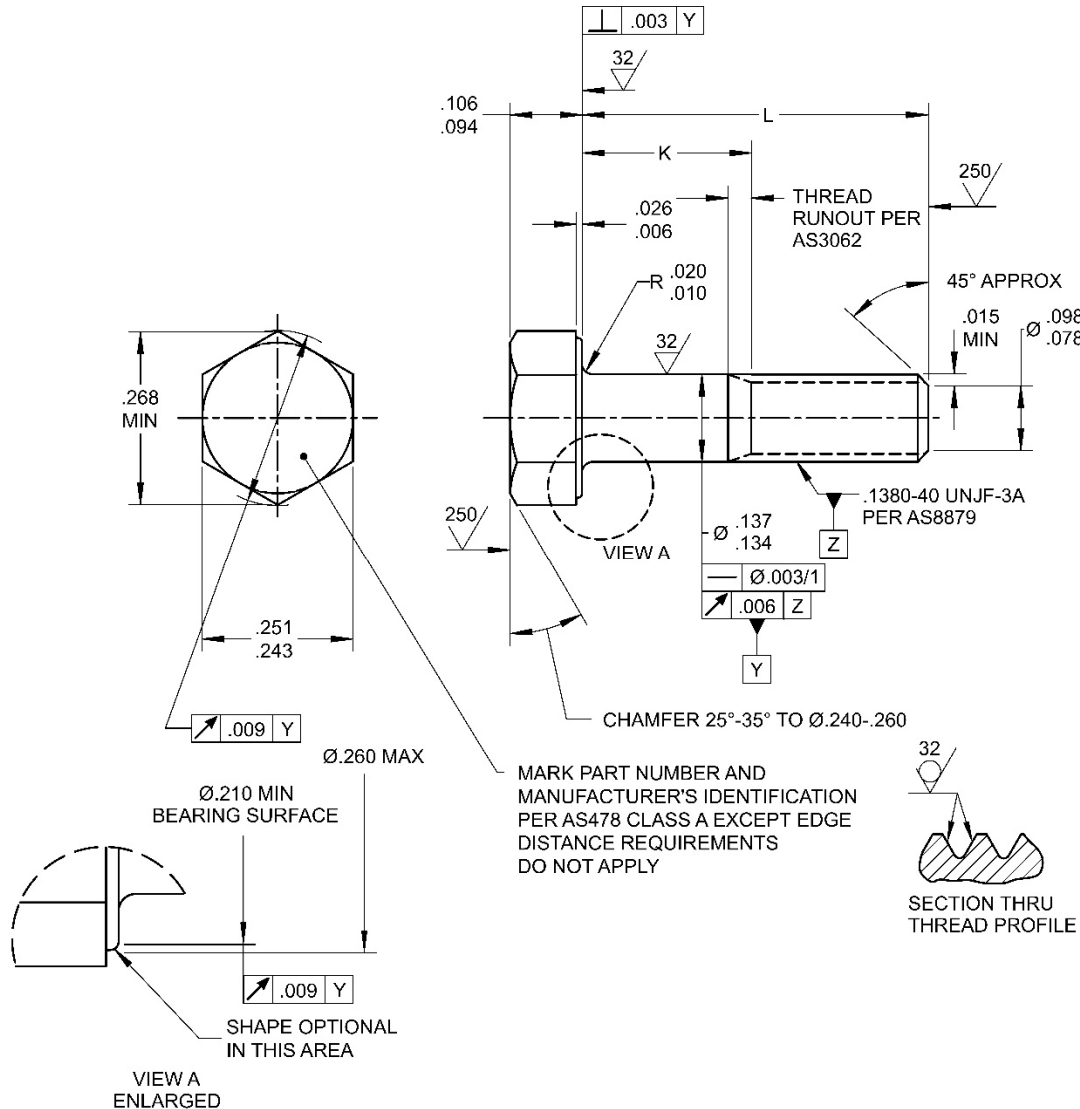
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AS9487™

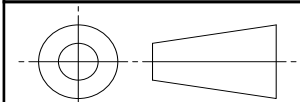
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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, FULL SHANK,
 CORROSION AND HEAT RESISTANT STEEL,
 UNS S66286, 130 KSI MIN, .1380-40 UNJF-3A

AS9487™
 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
MS9487-02	.240- .260	.058-.078	.25	MS9487-17	1.178-1.198	.602- .662	.64
MS9487-03	.302- .322	.058-.078	.28	MS9487-18	1.240-1.260	.664- .724	.67
MS9487-04	.365- .385	.058-.078	.31	MS9487-19	1.302-1.322	.726- .786	.69
MS9487-05	.428- .448	.058-.078	.33	MS9487-20	1.365-1.385	.789- .849	.72
MS9487-06	.490- .510	.058-.078	.36	MS9487-21	1.428-1.448	.852- .912	.75
MS9487-07	.552- .572	.058-.078	.38	MS9487-22	1.490-1.510	.914- .974	.77
MS9487-08	.615- .635	.058-.099	.41	MS9487-23	1.552-1.572	.976-1.036	.80
MS9487-09	.678- .698	.102-.162	.44	MS9487-24	1.615-1.635	1.039-1.099	.82
MS9487-10	.740- .760	.164-.224	.46	MS9487-25	1.678-1.698	1.102-1.162	.85
MS9487-11	.802- .822	.226-.286	.49	MS9487-26	1.740-1.760	1.164-1.224	.87
MS9487-12	.865- .885	.289-.349	.51	MS9487-27	1.802-1.822	1.226-1.286	.90
MS9487-13	.928- .948	.352-.412	.54	MS9487-28	1.865-1.885	1.289-1.349	.92
MS9487-14	.990-1.010	.414-.474	.57	MS9487-29	1.928-1.948	1.352-1.412	.95
MS9487-15	1.052-1.072	.476-.536	.59	MS9487-30	1.990-2.010	1.414-1.474	.97
MS9487-16	1.115-1.135	.539-.599	.62				

NOTES:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL PER AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
2. PROCUREMENT SPECIFICATION: AS7477.
3. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M TYPE I, SENSITIVITY LEVEL 2 MIN.
4. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
5. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
6. DIMENSIONS ARE IN INCHES.
7. DIMENSIONING AND TOLERANCING PER ASME Y14.5-2018.
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. DO NOT USE UNASSIGNED PART NUMBERS.
10. 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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ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD	AS9487™ SHEET 2 OF 2 
	BOLT, MACHINE - HEXAGON HEAD, FULL SHANK, CORROSION AND HEAT RESISTANT STEEL, UNS S66286, 130 KSI MIN, .1380-40 UNJF-3A	



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