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REV.
C

AS9432™

FEDERAL SUPPLY CLASS
5306

RATIONALE

REVISE LEAD THREAD CHAMFER TO AS1132. UPDATE TO ASME Y14.5-2018. ADD NOTE FOR EXISTING INVENTORY. GENERAL EDITORIAL UPDATE.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9432. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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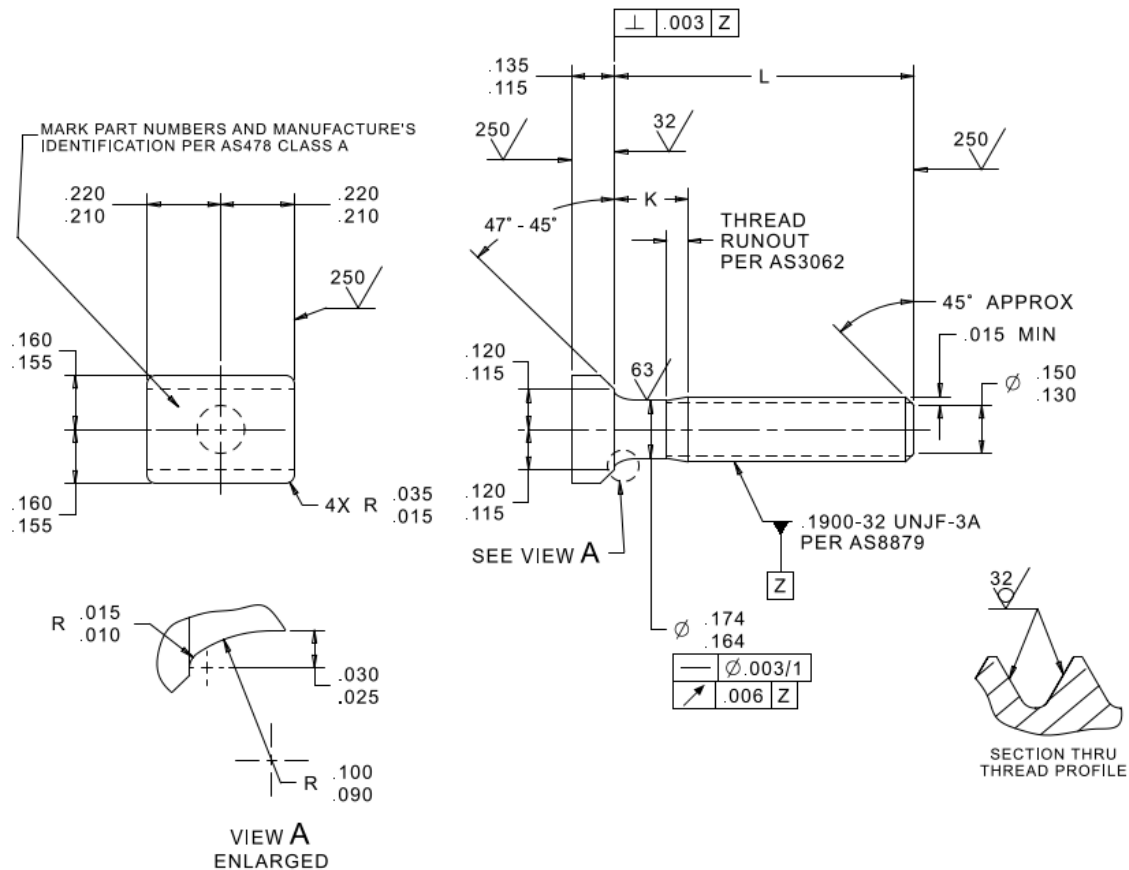
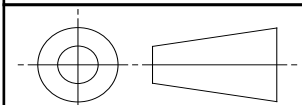


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9432C/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7478



AEROSPACE STANDARD

BOLT, TEE HEAD, CHAMFERED - CRES,
UNS S66286, 130 KSI MIN,
.1900-32 UNJF-3A

AS9432™
SHEET 1 OF 2

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX MASS LB/100	PART NO.	L	K	APPROX MASS LB/100
MS9432-04	.365- .385	.114-.134	.62	MS9432-22	1.490-1.510	.810- .870	1.35
MS9432-05	.428- .448	.114-.134	.66	MS9432-23	1.552-1.572	.872- .932	1.39
MS9432-06	.490- .510	.114-.134	.70	MS9432-24	1.615-1.635	.935- .995	1.43
MS9432-07	.552- .572	.114-.134	.74	MS9432-25	1.678-1.698	.998-1.058	1.47
MS9432-08	.615- .635	.114-.134	.78	MS9432-26	1.740-1.760	1.060-1.120	1.51
MS9432-09	.678- .698	.114-.134	.82	MS9432-27	1.865-1.885	1.185-1.245	1.59
MS9432-10	.740- .760	.114-.134	.86	MS9432-28	1.990-2.010	1.310-1.370	1.67
MS9432-11	.802- .822	.122-.182	.90	MS9432-29	2.115-2.135	1.435-1.495	1.75
MS9432-12	.865- .885	.185-.245	.94	MS9432-30	2.240-2.260	1.560-1.620	1.83
MS9432-13	.928- .948	.248-.308	.98	MS9432-31	2.365-2.385	1.685-1.745	1.91
MS9432-14	.990-1.010	.310-.370	1.03	MS9432-32	2.490-2.510	1.810-1.870	1.99
MS9432-15	1.052-1.072	.372-.432	1.07	MS9432-33	2.615-2.635	1.935-1.995	2.07
MS9432-16	1.115-1.135	.435-.495	1.11	MS9432-34	2.740-2.760	2.060-2.120	2.16
MS9432-17	1.178-1.198	.498-.558	1.15	MS9432-35	2.865-2.885	2.185-2.245	2.24
MS9432-18	1.240-1.260	.560-.620	1.19	MS9432-36	2.990-3.010	2.310-2.370	2.32
MS9432-19	1.302-1.322	.622-.682	1.23				
MS9432-20	1.365-1.385	.685-.745	1.27				
MS9432-21	1.428-1.448	.748-.808	1.31				

NOTES:

- MATERIAL: CORROSION- AND HEAT-RESISTANT STEEL PER AMS5732 (UNS S66286).
- PROCUREMENT SPECIFICATION: AS7478, EXCEPT HEAD SHALL BE UPSET.
- HEAD TO SHANK FILLET SHALL BE COLD ROLLED.
- FLUORESCENT PARTICLE INSPECTION PER ASTM E1417, TYPE 1, SENSITIVITY LEVEL 2.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
- BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
- DIMENSIONING AND TOLERANCING: ASME Y14.5-2018.
- ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
- DO NOT USE UNASSIGNED PART NUMBERS.
- 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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