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REV.
C

AS9527™

FEDERAL SUPPLY CLASS
5305

RATIONALE

FIGURE REDRAWN, SHOWING LATEST END CHAMFER DIMENSIONING AND POSITIONING TOLERANCE TO AS1132.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9527B. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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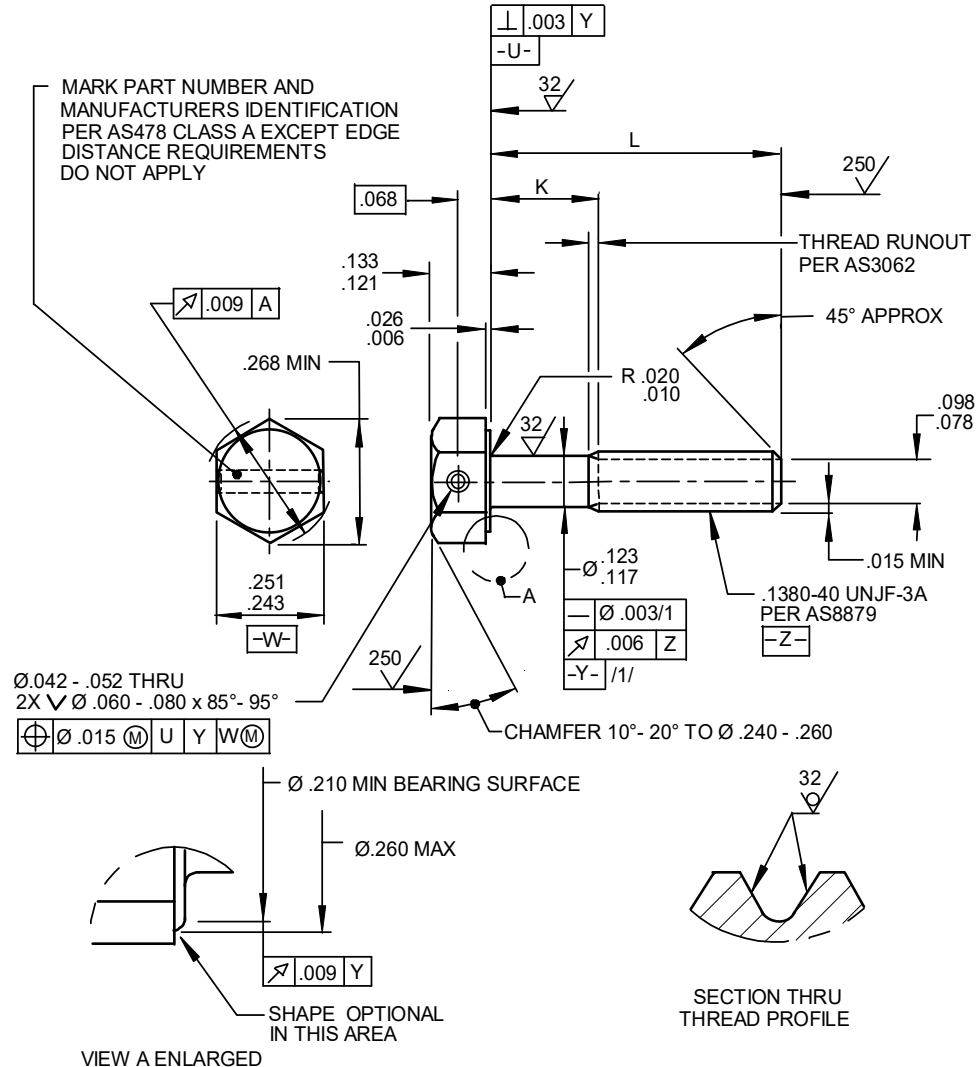


FIGURE 1 - SCREW

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452, SEE NOTE /3/



AEROSPACE STANDARD

SCREW, MACHINE STEEL UNS G87400,
CADMIUM PLATE, DRILLED, 1 HOLE,
HEXAGON HEAD, .1380-40 UNJF-3A

AS9527™
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
MS9527-02	.240-.260	.058-.078	.25	MS9527-14	.990-1.010	.414-.474	.53
MS9527-03	.302-.322	.058-.078	.27	MS9527-15	1.052-1.072	.476-.536	.56
MS9527-04	.365-.385	.058-.078	.30	MS9527-16	1.115-1.135	.539-.599	.58
MS9527-05	.428-.448	.058-.078	.32	MS9527-17	1.178-1.198	.602-.662	.61
MS9527-06	.490-.510	.058-.078	.34	MS9527-18	1.240-1.260	.664-.724	.63
MS9527-07	.552-.572	.058-.078	.37	MS9527-19	1.302-1.322	.726-.786	.65
MS9527-08	.615-.635	.058-.099	.39	MS9527-20	1.365-1.385	.789-.849	.68
MS9527-09	.678-.698	.102-.162	.42	MS9527-21	1.428-1.448	.852-.912	.70
MS9527-10	.740-.760	.164-.224	.44	MS9527-22	1.490-1.510	.914-.974	.72
MS9527-11	.802-.822	.226-.286	.46				
MS9527-12	.865-.885	.289-.349	.49				
MS9527-13	.928-.948	.352-.412	.51				

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE ANY QUESTIONS CONCERNING CADMIUM'S USE.

- /1/ FOR PART NUMBERS MS9527-02 THRU MS9527-11, DATUM **Z** SHALL REPLACE DATUM **Y**.
2. MATERIAL: AMS6322 (COMPOSITION SIMILAR TO UNS G87400).
- /3/ PROCUREMENT SPECIFICATION: AS7452, EXCEPT HEAD SHALL BE UPSET.
4. FINISH: CADMIUM PLATE PER AMS2400. DIMENSIONS ARE AFTER PLATING.
5. MAGNETIC PARTICLE INSPECTION PER ASTM E1444/E1444M.
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. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).
9. DIMENSIONS ARE IN INCHES.
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 (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	AS9527™ SHEET 2 OF 2	REV. 6
	SCREW, MACHINE STEEL UNS G87400, CADMIUM PLATE, DRILLED, 1 HOLE, HEXAGON HEAD, .1380-40 UNJF-3A		



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