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REV.
B

AS9788™

RATIONALE

REVISE LEAD THREAD CHAMFER TO AS1132, REVISE ACROSS POINTS DIMENSION TO AS1132, ADD NEW NOTE FOR DISPOSITION OF EXISTING INVENTORY, GENERAL EDITORIAL UPDATES.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9788, NOTICE 1. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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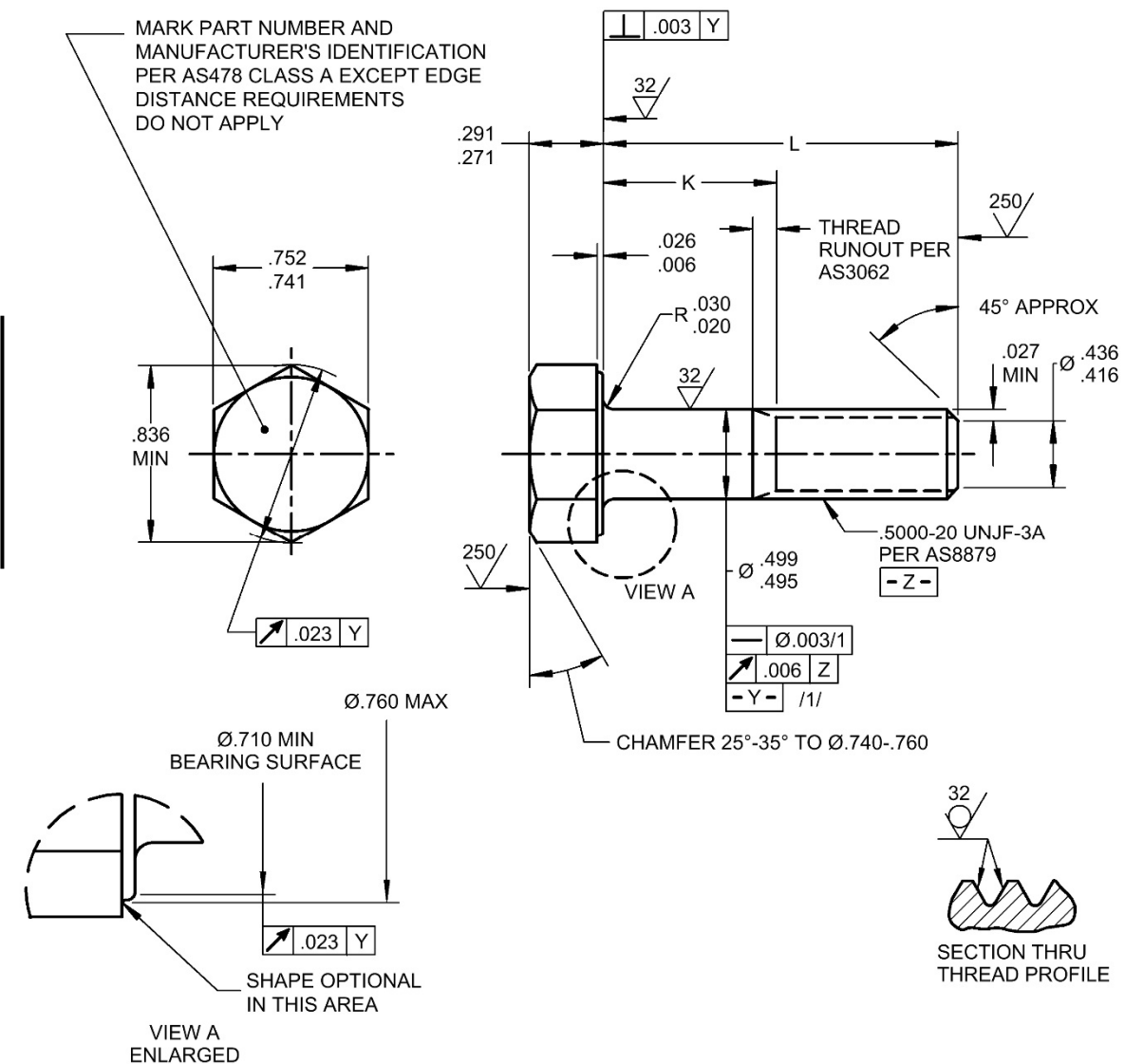


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9788B>

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7474



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, FULL SHANK,
CORROSION RESISTANT STEEL (UNS S17400),
140 KSI MIN UTS, .5000-20 UNJF-3A

AS9788™
SHEET 1 OF 2

REV.
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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9788-14	1.428-1.448	.128- .188	11.69	MS9788-35	3.490-3.510	2.190-2.250	22.97
MS9788-15	1.490-1.510	.190- .250	12.03	MS9788-36	3.615-3.635	2.315-2.375	23.65
MS9788-16	1.552-1.572	.252- .312	12.36	MS9788-37	3.740-3.760	2.440-2.500	24.33
MS9788-17	1.615-1.635	.315- .375	12.71	MS9788-38	3.865-3.885	2.565-2.625	25.02
MS9788-18	1.678-1.698	.378- .438	13.05	MS9788-39	3.990-4.010	2.690-2.750	25.71
MS9788-19	1.740-1.760	.440- .500	13.40	MS9788-40	4.115-4.135	2.815-2.875	26.39
MS9788-20	1.802-1.822	.502- .562	13.74	MS9788-41	4.240-4.260	2.940-3.000	27.08
MS9788-21	1.865-1.885	.565- .625	14.08	MS9788-42	4.365-4.385	3.065-3.125	27.77
MS9788-22	1.928-1.948	.628- .688	14.42	MS9788-43	4.490-4.510	3.190-3.250	28.45
MS9788-23	1.990-2.010	.690- .750	14.76	MS9788-44	4.615-4.635	3.315-3.375	29.13
MS9788-24	2.115-2.135	.815- .875	15.45	MS9788-45	4.740-4.760	3.440-3.500	29.81
MS9788-25	2.240-2.260	.940-1.000	16.13	MS9788-46	4.865-4.885	3.565-3.625	30.49
MS9788-26	2.365-2.385	1.065-1.125	16.81	MS9788-47	4.990-5.010	3.690-3.750	31.18
MS9788-27	2.490-2.510	1.190-1.250	17.50	MS9788-48	5.115-5.135	3.815-3.875	31.86
MS9788-28	2.615-2.635	1.315-1.375	18.18	MS9788-49	5.240-5.260	3.940-4.000	32.54
MS9788-29	2.740-2.760	1.440-1.500	18.86	MS9788-50	5.365-5.385	4.065-4.125	33.23
MS9788-30	2.865-2.885	1.565-1.625	19.55	MS9788-51	5.490-5.510	4.190-4.250	33.91
MS9788-31	2.990-3.010	1.690-1.750	20.23	MS9788-52	5.615-5.635	4.315-4.375	34.60
MS9788-32	3.115-3.135	1.815-1.875	20.92	MS9788-53	5.740-5.760	4.440-4.500	35.28
MS9788-33	3.240-3.260	1.940-2.000	21.60	MS9788-54	5.865-5.885	4.565-4.625	35.96
MS9788-34	3.365-3.385	2.065-2.125	22.28	MS9788-55	5.990-6.010	4.690-4.750	36.65

NOTES:

- /1/ FOR PART NUMBERS MS9788-14 THRU MS9788-23, DATUM **Z** SHALL REPLACE DATUM **Y**.
2. PROCUREMENT SPECIFICATION: AS7474.
3. MATERIAL: AMS5643 CORROSION RESISTANT STEEL (COMPOSITION SIMILAR TO UNS S17400).
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MIN.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra EXCEPT UPSET HEAD.
6. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
8. DIMENSIONS ARE IN INCHES.
9. DO NOT USE UNASSIGNED PART NUMBERS.
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. 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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ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD		AS9788™ SHEET 2 OF 2	REV. B
	BOLT, MACHINE - HEXAGON HEAD, FULL SHANK, CORROSION RESISTANT STEEL (UNS S17400), 140 KSI MIN UTS, .5000-20 UNJF-3A			

