

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

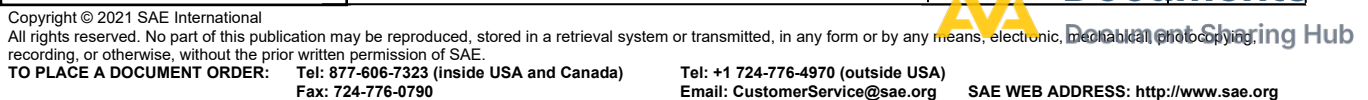


TABLE 1 - PART NUMBERS AND DIMENSIONS L, K, AND APPROX MASS

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9796-13	1.052-1.072	.128- .188	3.32	MS9796-37	3.115-3.135	2.190-2.250	7.69
MS9796-14	1.115-1.135	.190- .250	3.46	MS9796-38	3.240-3.260	2.315-2.375	8.00
MS9796-15	1.178-1.198	.252- .312	3.59	MS9796-39	3.365-3.385	2.440-2.500	8.26
MS9796-16	1.240-1.260	.315- .375	3.73	MS9796-40	3.490-3.510	2.565-2.625	8.53
MS9796-17	1.302-1.322	.378- .438	3.86	MS9796-41	3.615-3.635	2.690-2.750	8.80
MS9796-18	1.365-1.385	.440- .500	3.99	MS9796-42	3.740-3.760	2.815-2.875	9.06
MS9796-19	1.428-1.448	.502- .562	4.12	MS9796-43	3.865-3.885	2.940-3.000	9.33
MS9796-20	1.490-1.510	.565- .625	4.26	MS9796-44	3.990-4.010	3.065-3.125	9.59
MS9796-21	1.552-1.572	.628- .688	4.39	MS9796-45	4.115-4.135	3.190-3.250	9.86
MS9796-22	1.615-1.635	.690- .750	4.53	MS9796-46	4.240-4.260	3.315-3.375	10.13
MS9796-23	1.678-1.698	.752- .812	4.66	MS9796-47	4.365-4.385	3.440-3.500	10.39
MS9796-24	1.740-1.760	.815- .875	4.79	MS9796-48	4.490-4.510	3.565-3.625	10.66
MS9796-25	1.802-1.822	.878- .938	4.93	MS9796-49	4.615-4.635	3.690-3.750	10.92
MS9796-26	1.865-1.885	.940-1.000	5.06	MS9796-50	4.740-4.760	3.815-3.875	11.20
MS9796-27	1.928-1.948	1.002-1.062	5.19	MS9796-51	4.865-4.885	3.940-4.000	11.47
MS9796-28	1.990-2.010	1.065-1.125	5.32	MS9796-52	4.990-5.010	4.065-4.125	11.73
MS9796-29	2.115-2.135	1.190-1.250	5.59	MS9796-53	5.115-5.135	4.190-4.250	12.00
MS9796-30	2.240-2.260	1.315-1.375	5.86	MS9796-54	5.240-5.260	4.315-4.375	12.27
MS9796-31	2.365-2.385	1.440-1.500	6.12	MS9796-55	5.365-5.385	4.440-4.500	12.53
MS9796-32	2.490-2.510	1.565-1.625	6.39	MS9796-56	5.490-5.510	4.565-4.625	12.80
MS9796-33	2.615-2.635	1.690-1.750	6.66	MS9796-57	5.615-5.635	4.690-4.750	13.06
MS9796-34	2.740-2.760	1.815-1.875	6.93	MS9796-58	5.740-5.760	4.815-4.875	13.33
MS9796-35	2.865-2.885	1.940-2.000	7.20	MS9796-59	5.865-5.885	4.940-5.000	13.59
MS9796-36	2.990-3.010	2.065-2.125	7.46	MS9796-60	5.990-6.010	5.065-5.125	13.86

NOTES:

- /1/ FOR PART NUMBERS AS9796-13 THRU AS9796-19, DATUM **Z** SHALL REPLACE DATUM **Y**.
2. PROCUREMENT SPECIFICATION: AS7474.
3. MATERIAL: CORROSION RESISTANT STEEL AMS5643 (COMPOSITION SIMILAR TO UNS S17400).
4. HARDNESS: HRC32-38.
5. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MIN.
6. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra EXCEPT UPSET HEAD.
7. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS ARE IN INCHES.
9. DIMENSIONS AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
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.

AS AND AMS ARE SAE INTERNATIONAL PUBLICATIONS.
ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD	AS9796™ SHEET 2 OF 2	REV. 6
	BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, FULL SHANK, CRES (UNS S17400), .3125-24 UNJF-3A		



Documents

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