

REV. A

SAE AS9492

RATIONALE

FEDERAL SUPPLY CLASS 5306

AS9492A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9492A, AMENDMENT 1, NOTICE 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." 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.

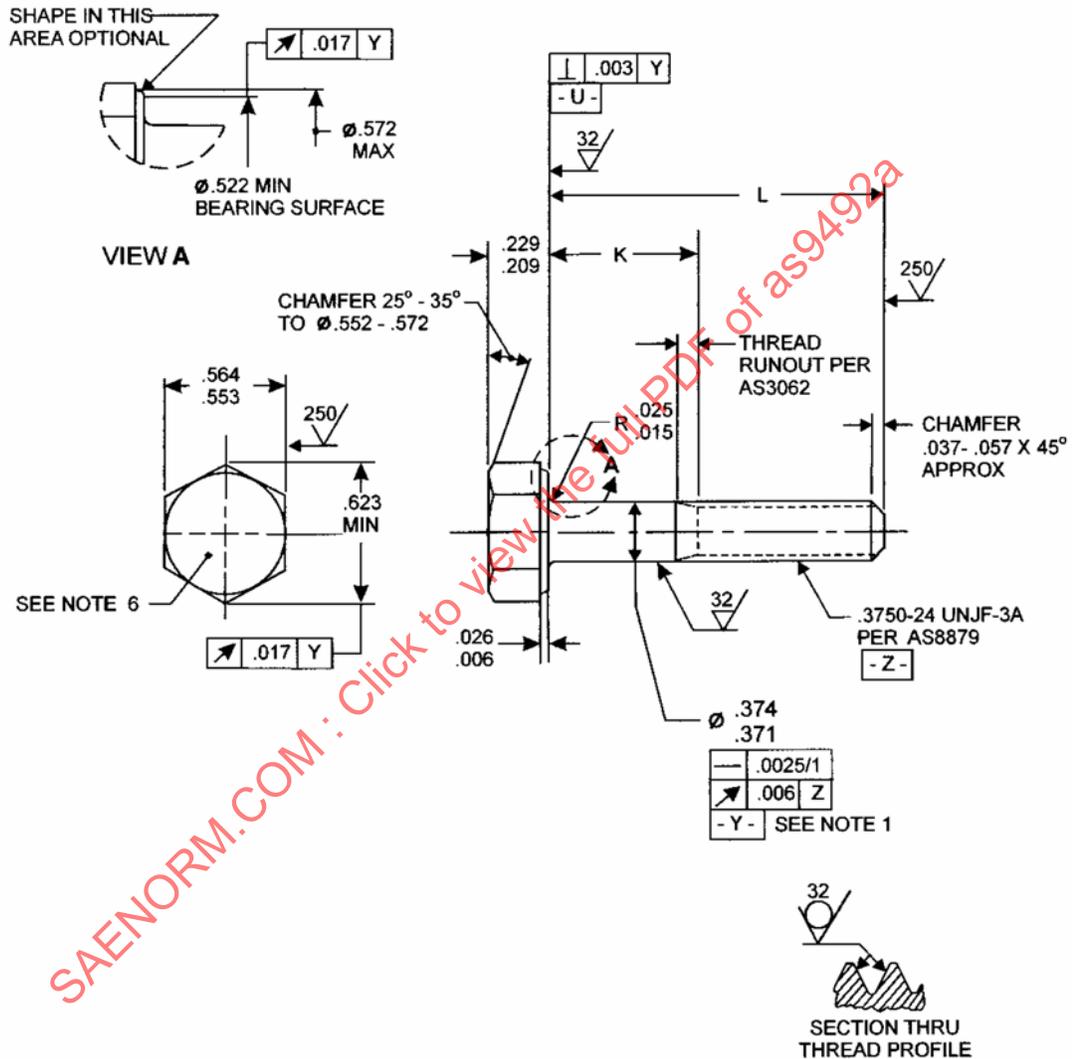
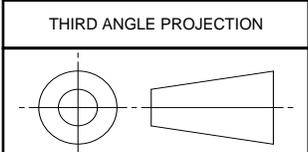


FIGURE 1 - BOLT

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS9492A>



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, FULL SHANK, CORROSION AND HEAT RESISTANT STEEL, UNS S66286, 130 KSI MIN, .3750-24 UNJF-3A

SAE AS9492
SHEET 1 OF 3

REV. A

Copyright 2012 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada) Fax: 724-776-0790

Tel: +1 724-776-4970 (outside USA) Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

ISSUED 1998-08 REVISED 2004-06 REAFFIRMED 2012-11

TABLE 1 - PART NUMBERS AND DIMENSIONS.

PART NUMBER	L	K	APPROX. MASS LB/100	PART NUMBER	L	K	APPROX. MASS LB/100
MS9492-04	.615 - .635	.088 - .108	3.64	MS9492-32	2.990 - 3.010	1.940 - 2.000	11.04
MS9492-05	.678 - .698	.088 - .108	3.84	MS9492-33	3.115 - 3.135	2.065 - 2.125	11.43
MS9492-06	.740 - .760	.088 - .108	4.03	MS9492-34	3.240 - 3.260	2.190 - 2.250	11.82
MS9492-07	.802 - .822	.088 - .108	4.22	MS9492-35	3.365 - 3.385	2.315 - 2.375	12.21
MS9492-08	.865 - .885	.088 - .108	4.42	MS9492-36	3.490 - 3.510	2.440 - 2.500	12.60
MS9492-09	.928 - .948	.088 - .108	4.62	MS9492-37	3.615 - 3.635	2.565 - 2.625	12.99
MS9492-10	.990 - 1.010	.088 - .108	4.81	MS9492-38	3.740 - 3.760	2.690 - 2.750	13.38
MS9492-11	1.052 - 1.072	.088 - .108	5.00	MS9492-39	3.865 - 3.885	2.815 - 2.875	13.77
MS9492-12	1.115 - 1.135	.088 - .125	5.20	MS9492-40	3.990 - 4.010	2.940 - 3.000	14.16
MS9492-13	1.178 - 1.198	.128 - .188	5.39	MS9492-41	4.115 - 4.135	3.065 - 3.125	14.55
MS9492-14	1.240 - 1.260	.190 - .250	5.58	MS9492-42	4.240 - 4.260	3.190 - 3.250	14.94
MS9492-15	1.302 - 1.322	.252 - .312	5.78	MS9492-43	4.365 - 4.385	3.315 - 3.375	15.33
MS9492-16	1.365 - 1.385	.315 - .375	5.98	MS9492-44	4.490 - 4.510	3.440 - 3.500	15.72
MS9492-17	1.428 - 1.448	.378 - .438	6.17	MS9492-45	4.615 - 4.635	3.565 - 3.625	16.11
MS9492-18	1.490 - 1.510	.440 - .500	6.37	MS9492-46	4.740 - 4.760	3.690 - 3.750	16.50
MS9492-19	1.552 - 1.572	.502 - .562	6.56	MS9492-47	4.865 - 4.885	3.815 - 3.875	16.89
MS9492-20	1.615 - 1.635	.565 - .625	6.76	MS9492-48	4.990 - 5.010	3.940 - 4.000	17.28
MS9492-21	1.678 - 1.698	.628 - .688	6.95	MS9492-49	5.115 - 5.135	4.065 - 4.125	17.67
MS9492-22	1.740 - 1.760	.690 - .750	7.15	MS9492-50	5.240 - 5.260	4.190 - 4.250	18.06
MS9492-23	1.865 - 1.885	.815 - .875	7.54	MS9492-51	5.365 - 5.385	4.315 - 4.375	18.45
MS9492-24	1.990 - 2.010	.940 - 1.000	7.93	MS9492-52	5.490 - 5.510	4.440 - 4.500	18.84
MS9492-25	2.115 - 2.135	1.065 - 1.125	8.32	MS9492-53	5.615 - 5.635	4.565 - 4.625	19.22
MS9492-26	2.240 - 2.260	1.190 - 1.250	8.70	MS9492-54	5.740 - 5.760	4.690 - 4.750	19.61
MS9492-27	2.365 - 2.385	1.315 - 1.375	9.09	MS9492-55	5.865 - 5.885	4.815 - 4.875	20.00
MS9492-28	2.490 - 2.510	1.440 - 1.500	9.48	MS9492-56	5.990 - 6.010	4.940 - 5.000	20.39
MS9492-29	2.615 - 2.635	1.565 - 1.625	9.87	MS9492-57	1.802 - 1.822	.752 - .812	7.35
MS9492-30	2.740 - 2.760	1.690 - 1.750	10.26	MS9492-58	1.928 - 1.948	.878 - .938	7.74
MS9492-31	2.865 - 2.885	1.815 - 1.875	11.65				

SAENORM.COM : Click to view the full PDF of AS9492