

REV.
C

AS9557

FEDERAL SUPPLY CLASS
5306

RATIONALE

REDRAWN TO PROVIDE ALTERNATIVE METHOD OF MANUFACTURER OF THE LIGHTENING HOLE.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9557E, AMENDMENT 2. 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 reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

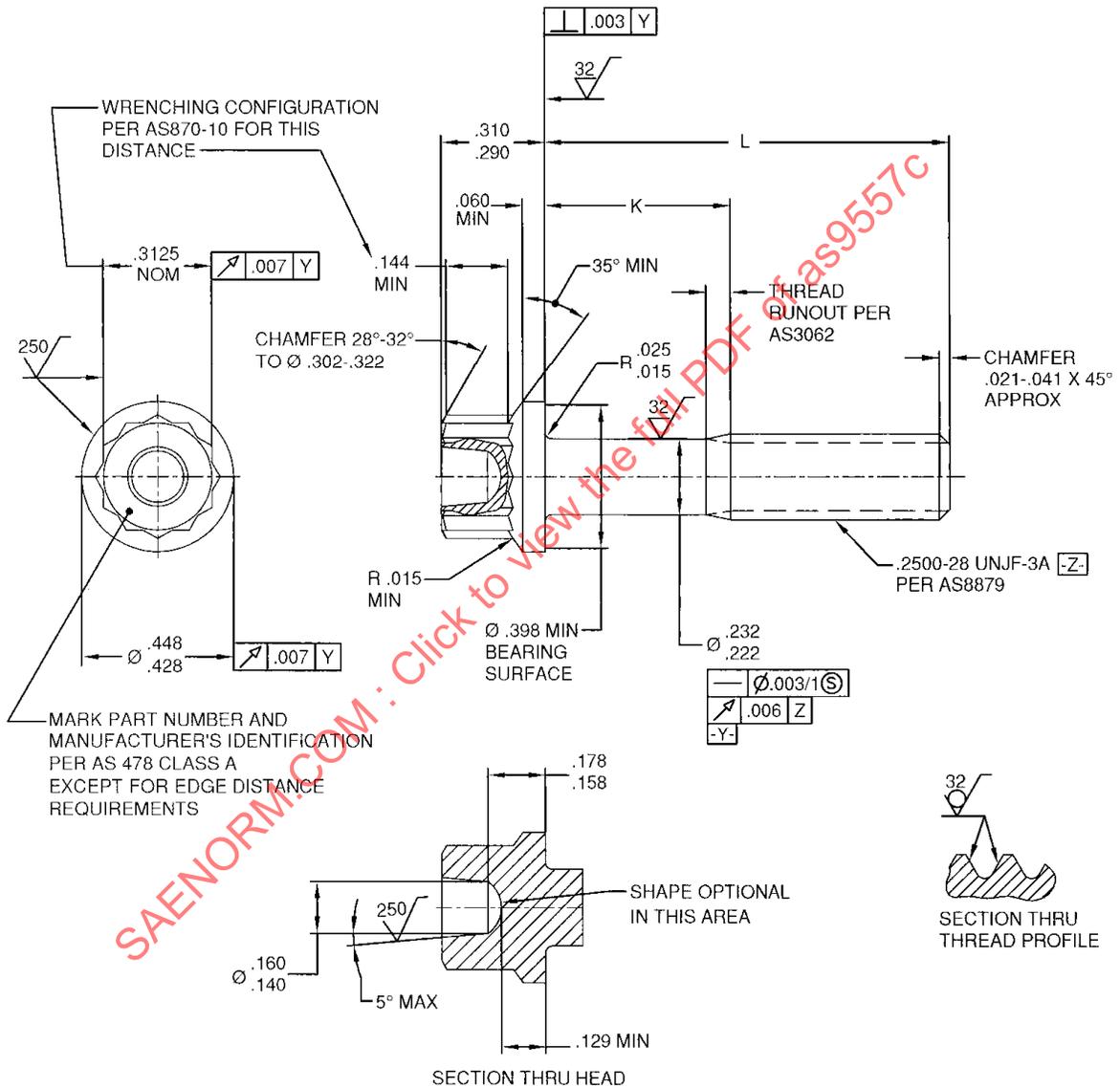


FIGURE 1 - BOLT

CUSTODIAN: SAE E-25

PROCUREMENT SPECIFICATION: AS7477

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, CORROSION AND HEAT RESISTANT STEEL, UNS S66286, 130 KSI MIN, .2500-28 UNJF-3A

AS9557
SHEET 1 OF 3

REV. C

Copyright 2007 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: 724-776-4970 (outside USA)

Email: CustomerService@sae.org

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

ISSUED 2000-08 REVISED 2007-07

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9557-04	.365 - .385	.079 - .099	1.14	MS9557-34	2.740 - 2.760	1.940 - 2.000	3.85
MS9557-05	.428 - .448	.079 - .099	1.21	MS9557-35	2.865 - 2.885	2.065 - 2.125	4.00
MS9557-06	.490 - .510	.079 - .099	1.29	MS9557-36	2.990 - 3.010	2.190 - 2.250	4.14
MS9557-07	.552 - .572	.079 - .099	1.37	MS9557-37	3.115 - 3.135	2.315 - 2.375	4.29
MS9557-08	.615 - .635	.079 - .099	1.44	MS9557-38	3.240 - 3.260	2.440 - 2.500	4.43
MS9557-09	.678 - .698	.079 - .099	1.51	MS9557-39	3.365 - 3.385	2.565 - 2.625	4.58
MS9557-10	.740 - .760	.079 - .099	1.58	MS9557-40	3.490 - 3.510	2.690 - 2.750	4.72
MS9557-11	.802 - .822	.079 - .099	1.65	MS9557-41	3.615 - 3.635	2.815 - 2.875	4.85
MS9557-12	.865 - .885	.079 - .125	1.72	MS9557-42	3.740 - 3.760	2.940 - 3.000	4.99
MS9557-13	.928 - .948	.128 - .188	1.79	MS9557-43	3.865 - 3.885	3.065 - 3.125	5.13
MS9557-14	.990 - 1.010	.190 - .250	1.86	MS9557-44	3.990 - 4.010	3.190 - 3.250	5.27
MS9557-15	1.052 - 1.072	.252 - .312	1.93	MS9557-45	4.115 - 4.135	3.315 - 3.375	5.42
MS9557-16	1.115 - 1.135	.315 - .375	2.00	MS9557-46	4.240 - 4.260	3.440 - 3.500	5.60
MS9557-17	1.178 - 1.198	.378 - .438	2.08	MS9557-47	4.365 - 4.385	3.565 - 3.625	5.71
MS9557-18	1.240 - 1.260	.440 - .500	2.15	MS9557-48	4.490 - 4.510	3.690 - 3.750	5.85
MS9557-19	1.302 - 1.322	.502 - .562	2.22	MS9557-49	4.615 - 4.635	3.815 - 3.875	6.00
MS9557-20	1.365 - 1.385	.565 - .625	2.29	MS9557-50	4.740 - 4.760	3.940 - 4.000	6.14
MS9557-21	1.428 - 1.448	.628 - .688	2.36	MS9557-51	4.865 - 4.885	4.065 - 4.125	6.29
MS9557-22	1.490 - 1.510	.690 - .750	2.43	MS9557-52	4.990 - 5.010	4.190 - 4.250	6.43
MS9557-23	1.552 - 1.572	.752 - .812	2.50	MS9557-53	5.115 - 5.135	4.315 - 4.375	6.58
MS9557-24	1.615 - 1.635	.815 - .875	2.57	MS9557-54	5.240 - 5.260	4.440 - 4.500	6.70
MS9557-25	1.678 - 1.698	.878 - .938	2.64	MS9557-55	5.365 - 5.385	4.565 - 4.625	6.84
MS9557-26	1.740 - 1.760	.940 - 1.000	2.72	MS9557-56	5.490 - 5.510	4.690 - 4.750	6.99
MS9557-27	1.865 - 1.885	1.065 - 1.125	2.86	MS9557-57	5.615 - 5.635	4.815 - 4.875	7.13
MS9557-28	1.990 - 2.010	1.190 - 1.250	3.00	MS9557-58	5.740 - 5.760	4.940 - 5.000	7.28
MS9557-29	2.115 - 2.135	1.315 - 1.375	3.14	MS9557-59	5.865 - 5.885	5.065 - 5.125	7.42
MS9557-30	2.240 - 2.260	1.440 - 1.500	3.29	MS9557-60	5.990 - 6.010	5.190 - 5.250	7.57
MS9557-31	2.365 - 2.385	1.565 - 1.625	3.43	MS9557-61	1.802 - 1.822	1.002 - 1.062	2.79
MS9557-32	2.490 - 2.510	1.690 - 1.750	3.57	MS9557-62	1.928 - 1.948	1.128 - 1.188	2.93
MS9557-33	2.615 - 2.635	1.815 - 1.875	3.71				