

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.

REV.
D

AS3237™

RATIONALE

FEDERAL SUPPLY CLASS
5306

THIS LIMITED SCOPE BALLOT DELETES THE RADIUS REQUIREMENT AT THE TRANSITION FROM WRENCHING ELEMENT TO BASE FLANGE ON BOLT HEAD.

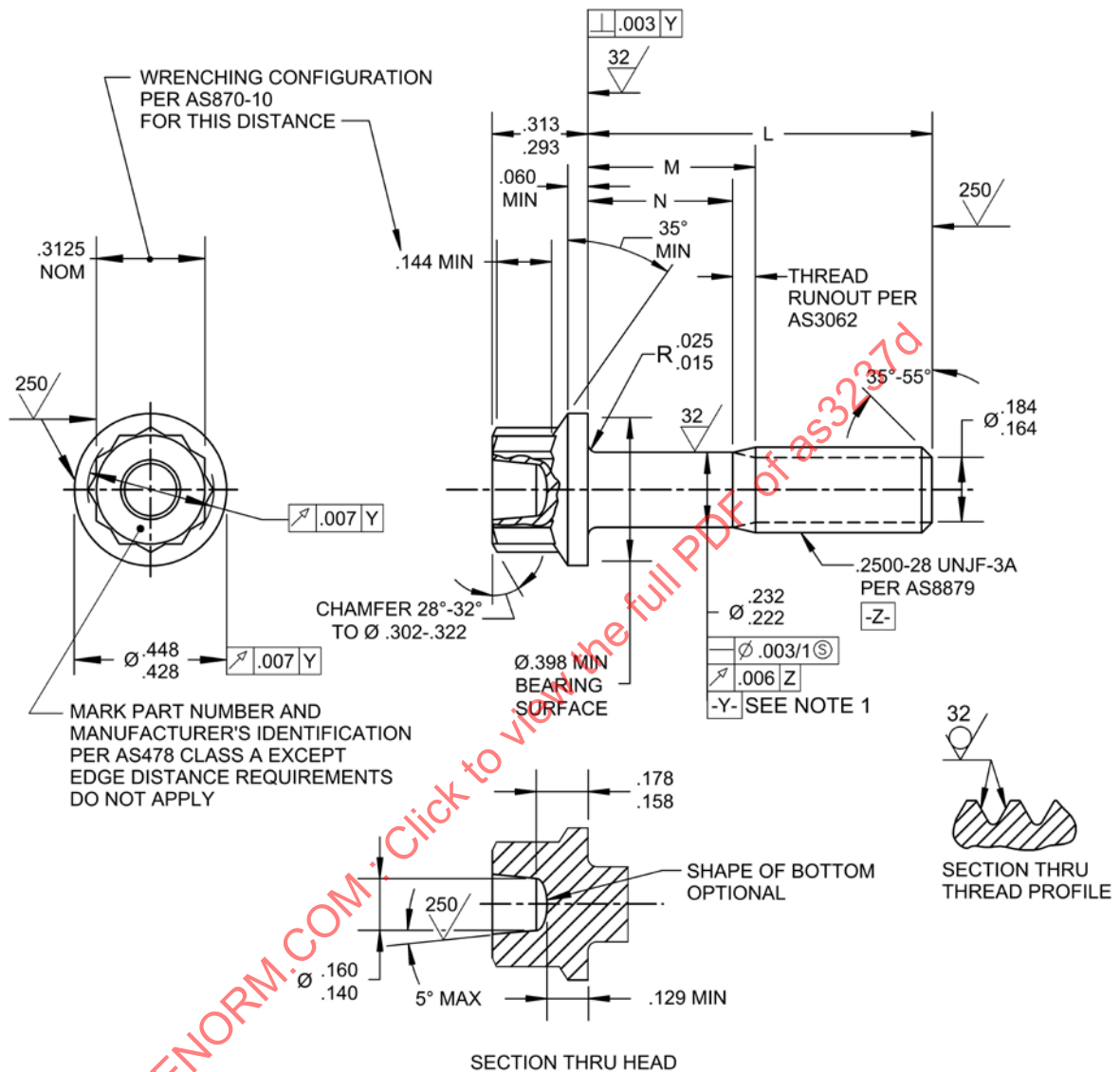
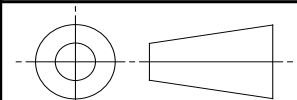


FIGURE 1 - BOLT

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3237D>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7466



AEROSPACE STANDARD

BOLT, MACHINE – DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, NICKEL ALLOY, UNS N07718, 185 KSI MIN, .2500-28 UNJF-3A

AS3237™
SHEET 1 OF 3

REV.
D

Copyright 2015 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 1980-07 REAFFIRMED 2007-06 REVISED 2015-12

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	N MIN	M MAX	APPROX. MASS LB/100	PART NO.	L	N MIN	M MAX	APPROX. MASS LB/100
AS3237-04	.365- .385	.025	.099	1.04	AS3237-34	2.490-2.510	1.619	1.750	3.60
AS3237-05	.428- .448	.025	.099	1.11	AS3237-35	2.615-2.635	1.744	1.875	3.75
AS3237-06	.490- .510	.025	.099	1.18	AS3237-36	2.740-2.760	1.869	2.000	3.90
AS3237-07	.552- .572	.025	.099	1.27	AS3237-37	2.865-2.885	1.994	2.125	4.05
AS3237-08	.615- .635	.025	.099	1.34	AS3237-38	2.990-3.010	2.119	2.250	4.20
AS3237-09	.678- .698	.025	.099	1.41	AS3237-39	3.115-3.135	2.244	2.375	4.35
AS3237-10	.740- .760	.025	.099	1.48	AS3237-40	3.240-3.260	2.369	2.500	4.51
AS3237-11	.802- .822	.025	.099	1.57	AS3237-41	3.365-3.385	2.494	2.625	4.65
AS3237-12	.865- .885	.025	.125	1.64	AS3237-42	3.490-3.510	2.619	2.750	4.81
AS3237-13	.928- .948	.057	.188	1.71	AS3237-43	3.615-3.635	2.744	2.875	4.95
AS3237-14	.990-1.010	.119	.250	1.80	AS3237-44	3.740-3.760	2.869	3.000	5.11
AS3237-15	1.052-1.072	.181	.312	1.87	AS3237-45	3.865-3.885	2.994	3.125	5.25
AS3237-16	1.115-1.135	.244	.375	1.94	AS3237-46	3.990-4.010	3.119	3.250	5.41
AS3237-17	1.178-1.198	.307	.438	2.01	AS3237-47	4.115-4.135	3.244	3.375	5.55
AS3237-18	1.240-1.260	.369	.500	2.11	AS3237-48	4.240-4.260	3.369	3.500	5.71
AS3237-19	1.302-1.322	.431	.562	2.17	AS3237-49	4.365-4.385	3.494	3.625	5.87
AS3237-20	1.365-1.385	.494	.625	2.24	AS3237-50	4.490-4.510	3.619	3.750	6.01
AS3237-21	1.428-1.448	.557	.688	2.32	AS3237-51	4.615-4.635	3.744	3.875	6.17
AS3237-22	1.490-1.510	.619	.750	2.40	AS3237-52	4.740-4.760	3.869	4.000	6.31
AS3237-23	1.552-1.572	.681	.812	2.47	AS3237-53	4.865-4.885	3.994	4.125	6.47
AS3237-24	1.615-1.635	.744	.875	2.54	AS3237-54	4.990-5.010	4.119	4.250	6.61
AS3237-25	1.678-1.698	.807	.938	2.62	AS3237-55	5.115-5.135	4.244	4.375	6.77
AS3237-26	1.740-1.760	.869	1.000	2.70	AS3237-56	5.240-5.260	4.369	4.500	6.91
AS3237-27	1.802-1.822	.931	1.062	2.77	AS3237-57	5.365-5.385	4.494	4.625	7.07
AS3237-28	1.865-1.885	.994	1.125	2.84	AS3237-58	5.490-5.510	4.619	4.750	7.21
AS3237-29	1.928-1.948	1.057	1.188	2.92	AS3237-59	5.615-5.635	4.744	4.875	7.37
AS3237-30	1.990-2.010	1.119	1.250	3.00	AS3237-60	5.740-5.760	4.869	5.000	7.52
AS3237-31	2.115-2.135	1.244	1.375	3.15	AS3237-61	5.865-5.885	4.994	5.125	7.67
AS3237-32	2.240-2.260	1.369	1.500	3.30	AS3237-62	5.990-6.010	5.119	5.250	7.82
AS3237-33	2.365-2.385	1.494	1.625	3.45					



AEROSPACE STANDARD

BOLT, MACHINE – DOUBLE HEXAGON EXTENDED
WASHER HEAD, PD SHANK, NICKEL ALLOY,
UNS N07718, 185 KSI MIN, .2500-28 UNJF-3A

AS3237™
SHEET 2 OF 3

REV.
D