

AS9723™

FEDERAL SUPPLY CLASS
5306

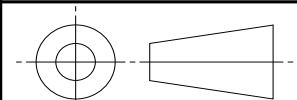
NOTICE

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

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. 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."



THIRD ANGLE PROJECTION



PROCUREMENT SPECIFICATION: AS7471 /8/



BOLT, MACHINE - DOUBLE HEXAGON, EXTENDED
WASHER HEAD, CLOSE TOLERANCE SHANK,
UNS N07001, 165 KSI, .1900-32 UNJF-3A

AS9723™
SHEET 1 OF 3

REV.
A

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, or used for text and data mining, AI training, or similar technologies, without the prior written permission of SAE.

Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>Full document details: [SAE AS9723A](#)

SSUED 2019-10 REVISED 2026-05

Documents
Document Sharing Hub

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	G MIN	K MAX	APPROX MASS LB/100	PART NO.	L	G MIN	K MAX	APPROX MASS LB/100
MS9723-03	.597- .617	.126	.198	.92	MS9723-30	2.284-2.304	1.812	1.885	2.32
MS9723-04	.659- .679	.188	.260	.97	MS9723-31	2.347-2.367	1.876	1.948	2.37
MS9723-05	.721- .741	.250	.322	1.02	MS9723-32	2.409-2.429	1.938	2.010	2.42
MS9723-06	.784- .804	.312	.385	1.08	MS9723-33	2.471-2.491	2.000	2.072	2.47
MS9723-07	.847- .867	.376	.448	1.13	MS9723-34	2.534-2.554	2.062	2.135	2.53
MS9723-08	.909- .929	.438	.510	1.18	MS9723-35	2.597-2.617	2.126	2.198	2.58
MS9723-09	.971- .991	.500	.572	1.23	MS9723-36	2.659-2.679	2.188	2.260	2.63
MS9723-10	1.034-1.054	.562	.635	1.28	MS9723-37	2.721-2.741	2.250	2.322	2.68
MS9723-11	1.097-1.117	.626	.698	1.33	MS9723-38	2.784-2.804	2.312	2.385	2.74
MS9723-12	1.159-1.179	.688	.760	1.38	MS9723-39	2.847-2.867	2.376	2.448	2.78
MS9723-13	1.221-1.241	.750	.822	1.44	MS9723-40	2.909-2.929	2.438	2.510	2.84
MS9723-14	1.284-1.304	.812	.885	1.49	MS9723-41	2.971-2.991	2.500	2.572	2.89
MS9723-15	1.347-1.367	.876	.948	1.54	MS9723-42	3.034-3.054	2.562	2.635	2.94
MS9723-16	1.409-1.429	.938	1.010	1.59	MS9723-43	3.097-3.117	2.626	2.698	2.99
MS9723-17	1.471-1.491	1.000	1.072	1.64	MS9723-44	3.159-3.179	2.688	2.760	3.04
MS9723-18	1.534-1.554	1.062	1.135	1.70	MS9723-45	3.221-3.241	2.750	2.822	3.09
MS9723-19	1.597-1.617	1.126	1.198	1.75	MS9723-46	3.284-3.304	2.812	2.885	3.15
MS9723-20	1.659-1.679	1.188	1.260	1.80	MS9723-47	3.347-3.367	2.876	2.948	3.20
MS9723-21	1.721-1.741	1.250	1.322	1.85	MS9723-48	3.409-3.429	2.938	3.010	3.25
MS9723-22	1.784-1.804	1.312	1.385	1.91	MS9723-49	3.471-3.491	3.000	3.072	3.30
MS9723-23	1.847-1.867	1.376	1.448	1.96	MS9723-50	3.534-3.554	3.062	3.135	3.36
MS9723-24	1.909-1.929	1.438	1.510	2.01	MS9723-51	3.597-3.617	3.126	3.198	3.41
MS9723-25	1.971-1.991	1.500	1.572	2.06	MS9723-52	3.659-3.679	3.188	3.260	3.46
MS9723-26	2.034-2.054	1.562	1.635	2.11	MS9723-53	3.721-3.741	3.250	3.322	3.51
MS9723-27	2.097-2.117	1.626	1.698	2.16	MS9723-54	3.784-3.804	3.312	3.385	3.56
MS9723-28	2.159-2.179	1.688	1.760	2.21	MS9723-55	3.847-3.867	3.376	3.448	3.61
MS9723-29	2.221-2.241	1.750	1.822	2.26					

NOTES:

- 1/1/ FOR PART NUMBERS MS9723-03 THRU MS9723-05, THE THREAD PD (DATUM Z) SHALL REPLACE DATUM Y.
2. MATERIAL: CORROSION- AND HEAT-RESISTANT NICKEL ALLOY IN ACCORDANCE WITH AMS5708 (UNS N07001).
3. PROCUREMENT SPECIFICATION: AS7471.
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 MICRINCHES Ra.
6. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
7. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
- 8/ HEAD TO SHANK FILLET SHALL BE COLD ROLLED PER AS7471 EXCEPT THAT DISTORTIONS AT "A" IN FIGURE 2 OF THE SPECIFICATION SHALL NOT BE PERMITTED ON THE HEAD BEARING AREA AND SHALL BE PERMITTED ON THE SHANK DIAMETER ONLY IF THE DISTORTION DOES NOT CAUSE THE SHANK DIAMETER TO EXCEED .1900 DIAMETER.
- 9/ LIGHTENING HOLE CONFIGURATION PER AS1132, FIGURE 1A AND TABLE 1A.
10. DIMENSIONING AND TOLERANCING: ASME Y14.5-2009.
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.

	AEROSPACE STANDARD	AS9723™ SHEET 2 OF 3 	REV. A
	BOLT, MACHINE - DOUBLE HEXAGON, EXTENDED WASHER HEAD, CLOSE TOLERANCE SHANK, UNS N07001, 165 KSI, .1900-32 UNJF-3A		

