

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.

SAE MA4044

FEDERAL SUPPLY CLASS
5310

RATIONALE

MA4044 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

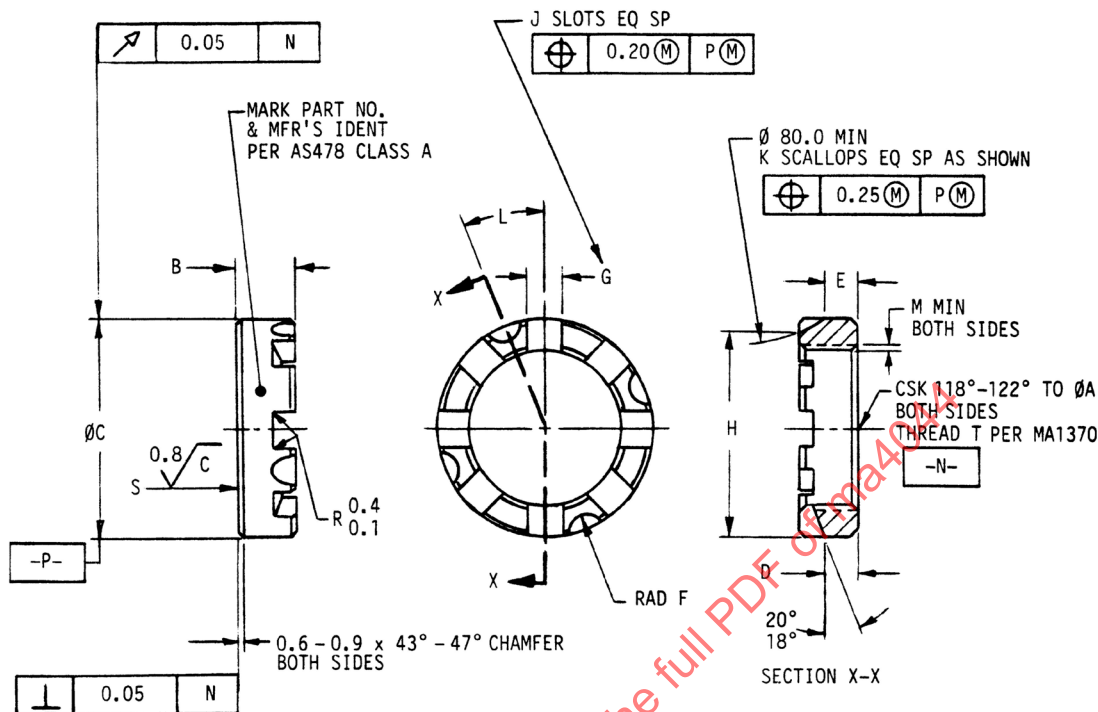
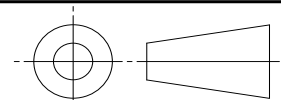


TABLE 1 - Dimensions

PART NO.	THREAD T	A	B	C	D	E
MA4044-10	MJ10 x 0.75-4H5H	10.0 - 10.4	7.3 - 7.7	15.50 - 15.65	4.0 - 4.5	4.0 - 4.5
MA4044-12	MJ12 x 1-4H5H	12.0 - 12.4	7.3 - 7.7	19.50 - 19.65	4.0 - 4.5	4.0 - 4.5
MA4044-14	MJ14 x 1-4H5H	14.0 - 14.4	7.3 - 7.7	21.50 - 21.65	4.0 - 4.5	4.0 - 4.5
MA4044-15	MJ15 x 1-4H5H	15.0 - 15.4	7.3 - 7.7	22.50 - 22.65	4.0 - 4.5	4.0 - 4.5
MA4044-16	MJ16 x 1-4H5H	16.0 - 16.4	7.3 - 7.7	23.50 - 23.65	4.0 - 4.5	4.0 - 4.5
MA4044-17	MJ17 x 1-4H5H	17.0 - 17.4	7.3 - 7.7	24.50 - 24.65	4.0 - 4.5	4.0 - 4.5
MA4044-18	MJ18 x 1-4H5H	18.0 - 18.4	7.3 - 7.7	25.50 - 25.65	4.0 - 4.5	4.0 - 4.5
MA4044-20	MJ20 x 1-4H5H	20.0 - 20.4	7.3 - 7.7	28.00 - 28.15	4.0 - 4.5	4.0 - 4.5
MA4044-22	MJ22 x 1.5-4H5H	22.0 - 22.4	7.3 - 7.7	30.00 - 30.15	4.0 - 4.5	4.0 - 4.5
MA4044-24	MJ24 x 1.5-4H5H	24.0 - 24.4	7.3 - 7.7	32.50 - 32.65	4.0 - 4.5	4.0 - 4.5
MA4044-25	MJ25 x 1.5-4H5H	25.0 - 25.4	7.3 - 7.7	33.70 - 33.85	4.0 - 4.5	4.0 - 4.5
MA4044-27	MJ27 x 1.5-4H5H	27.0 - 27.4	7.9 - 8.3	35.70 - 35.85	4.5 - 5.0	4.5 - 5.0
MA4044-28	MJ28 x 1.5-4H5H	28.0 - 28.4	7.9 - 8.3	36.70 - 36.85	4.5 - 5.0	4.5 - 5.0
MA4044-30	MJ30 x 1.5-4H5H	30.0 - 30.4	7.9 - 8.3	39.00 - 39.15	4.5 - 5.0	4.5 - 5.0
MA4044-32	MJ32 x 1.5-4H5H	32.0 - 32.4	7.9 - 8.3	41.30 - 41.45	4.5 - 5.0	4.5 - 5.0
MA4044-33	MJ33 x 1.5-4H5H	33.0 - 33.4	7.9 - 8.3	42.30 - 42.45	4.5 - 5.0	4.5 - 5.0
MA4044-35	MJ35 x 1.5-4H5H	35.0 - 35.4	7.9 - 8.3	44.30 - 44.45	4.5 - 5.0	4.5 - 5.0
MA4044-36	MJ36 x 1.5-4H5H	36.0 - 36.4	7.9 - 8.3	45.70 - 45.85	4.5 - 5.0	4.5 - 5.0
MA4044-39	MJ39 x 1.5-4H5H	39.0 - 39.4	7.9 - 8.3	49.00 - 49.15	4.5 - 5.0	3.5 - 4.0
MA4044-40	MJ40 x 1.5-4H5H	40.0 - 40.4	7.9 - 8.3	50.00 - 50.15	4.5 - 5.0	3.5 - 4.0

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/MA4044>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

METRIC AEROSPACE STANDARD

NUT, SPANNER - END SLOTS, CUPWASHER LOCKED, UNS S66286, SILVER PLATED, MJ THREAD, METRIC

SAE MA4044
SHEET 1 OF 3

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 1990-10 REAFFIRMED 2012-12

TABLE 1 (CONTINUED)

PART NO.	THREAD T	A	B	C	D	E
MA4044-42	MJ42 x 1.5-4H5H	42.0 - 42.4	7.9 - 8.3	52.00 - 52.15	4.5 - 5.0	3.5 - 4.0
MA4044-45	MJ45 x 1.5-4H5H	45.0 - 45.4	7.9 - 8.3	55.30 - 55.45	4.5 - 5.0	3.5 - 4.0
MA4044-48	MJ48 x 1.5-4H5H	48.0 - 48.4	7.9 - 8.3	58.50 - 58.65	4.5 - 5.0	3.5 - 4.0
MA4044-50	MJ50 x 1.5-4H5H	50.0 - 50.4	7.9 - 8.3	60.50 - 60.65	4.5 - 5.0	3.5 - 4.0
MA4044-52	MJ52 x 1.5-4H5H	52.0 - 52.4	9.2 - 9.6	62.50 - 62.65	5.0 - 5.5	4.8 - 5.3
MA4044-55	MJ55 x 1.5-4H5H	55.0 - 55.4	9.2 - 9.6	66.20 - 66.35	5.0 - 5.5	4.8 - 5.3
MA4044-56	MJ56 x 1.5-4H5H	56.0 - 56.4	9.2 - 9.6	67.20 - 67.35	5.0 - 5.5	4.8 - 5.3
MA4044-58	MJ58 x 1.5-4H5H	58.0 - 58.4	9.2 - 9.6	69.20 - 69.35	5.0 - 5.5	4.8 - 5.3
MA4044-60	MJ60 x 1.5-4H5H	60.0 - 60.4	9.2 - 9.6	71.20 - 71.35	5.0 - 5.5	4.8 - 5.3
MA4044-64	MJ64 x 1.5-4H5H	64.0 - 64.4	9.2 - 9.6	75.80 - 75.95	5.0 - 5.5	3.7 - 4.2
MA4044-65	MJ65 x 1.5-4H5H	65.0 - 65.4	9.2 - 9.6	76.80 - 76.95	5.0 - 5.5	3.7 - 4.2
MA4044-68	MJ68 x 1.5-4H5H	68.0 - 68.4	9.2 - 9.6	79.80 - 79.95	5.0 - 5.5	3.7 - 4.2
MA4044-70	MJ70 x 1.5-4H5H	70.0 - 70.4	9.2 - 9.6	82.40 - 82.55	5.0 - 5.5	3.7 - 4.2
MA4044-72	MJ72 x 1.5-4H5H	72.0 - 72.4	9.2 - 9.6	84.40 - 84.55	5.0 - 5.5	3.7 - 4.2
MA4044-75	MJ75 x 1.5-4H5H	75.0 - 75.4	9.2 - 9.6	88.10 - 88.25	5.0 - 5.5	3.7 - 4.2

TABLE 1 (CONTINUED)

PART NO.	F	G	H	J	K	L ±1°	M	APPROX MASS kg/100
MA4044-10	2.1 - 2.6	3.2 - 3.5	13.5 - 13.9	4	4	45°	0.24	0.5569
MA4044-12	2.1 - 2.6	3.2 - 3.5	17.5 - 17.9	6	3	30°	0.32	0.9236
MA4044-14	2.1 - 2.6	3.2 - 3.5	19.5 - 19.9	6	3	30°	0.32	1.0742
MA4044-15	2.1 - 2.6	3.2 - 3.5	20.5 - 20.9	6	3	30°	0.32	1.1496
MA4044-16	2.1 - 2.6	4.7 - 5.0	21.5 - 21.9	6	3	30°	0.32	1.1363
MA4044-17	2.1 - 2.6	4.7 - 5.0	22.5 - 22.9	6	3	30°	0.32	1.1601
MA4044-18	2.1 - 2.6	4.7 - 5.0	23.5 - 23.9	6	3	30°	0.32	1.2355
MA4044-20	2.1 - 2.6	4.7 - 5.0	26.0 - 26.4	6	3	30°	0.32	1.5163
MA4044-22	2.1 - 2.6	4.7 - 5.0	28.0 - 28.4	8	4	22.5°	0.49	1.5888
MA4044-24	2.1 - 2.6	4.7 - 5.0	30.5 - 30.9	8	4	22.5°	0.49	1.9048
MA4044-25	2.1 - 2.6	4.7 - 5.0	31.7 - 32.1	8	4	22.5°	0.49	1.9836
MA4044-27	2.1 - 2.6	4.7 - 5.0	33.7 - 34.1	8	4	22.5°	0.49	2.3700
MA4044-28	2.1 - 2.6	4.7 - 5.0	34.7 - 35.1	8	4	22.5°	0.49	2.4665
MA4044-30	2.1 - 2.6	6.3 - 6.6	37.0 - 37.4	8	4	22.5°	0.49	2.5946
MA4044-32	2.1 - 2.6	6.3 - 6.6	39.3 - 39.7	8	4	22.5°	0.49	2.9188
MA4044-33	2.1 - 2.6	6.3 - 6.6	40.3 - 40.7	8	4	22.5°	0.49	2.9209
MA4044-35	2.1 - 2.6	6.3 - 6.6	42.3 - 42.7	8	4	22.5°	0.49	3.1262
MA4044-36	2.1 - 2.6	6.3 - 6.6	43.7 - 44.1	8	4	22.5°	0.49	3.3092
MA4044-39	2.9 - 3.4	6.3 - 6.6	46.4 - 46.8	10	5	18°	0.49	3.4243
MA4044-40	2.9 - 3.4	6.3 - 6.6	47.4 - 47.8	10	5	18°	0.49	3.5340
MA4044-42	2.9 - 3.4	6.3 - 6.6	49.4 - 49.8	10	5	18°	0.49	3.7535
MA4044-45	2.9 - 3.4	6.3 - 6.6	52.7 - 53.1	10	5	18°	0.49	4.2501
MA4044-48	2.9 - 3.4	6.3 - 6.6	55.9 - 56.3	10	5	18°	0.49	4.7032
MA4044-50	2.9 - 3.4	7.9 - 8.2	57.9 - 58.3	10	5	18°	0.49	4.4750
MA4044-52	2.9 - 3.4	7.9 - 8.2	59.9 - 60.3	10	5	18°	0.49	5.4547
MA4044-55	2.9 - 3.4	7.9 - 8.2	63.6 - 64.0	10	5	18°	0.49	6.3957
MA4044-56	2.9 - 3.4	7.9 - 8.2	64.6 - 65.0	10	5	18°	0.49	6.5371
MA4044-58	2.9 - 3.4	7.9 - 8.2	66.6 - 67.0	10	5	18°	0.49	6.8200
MA4044-60	2.9 - 3.4	9.5 - 9.8	68.6 - 69.0	10	5	18°	0.49	6.7180
MA4044-64	4.5 - 5.0	9.5 - 9.8	72.6 - 73.0	10	5	18°	0.49	7.2469
MA4044-65	4.5 - 5.0	9.5 - 9.8	73.6 - 74.0	10	5	18°	0.49	7.3953
MA4044-68	4.5 - 5.0	9.5 - 9.8	76.6 - 77.0	10	5	18°	0.49	7.8407