

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.
C

MA2095

FEDERAL SUPPLY CLASS
4730

RATIONALE

MA2095C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

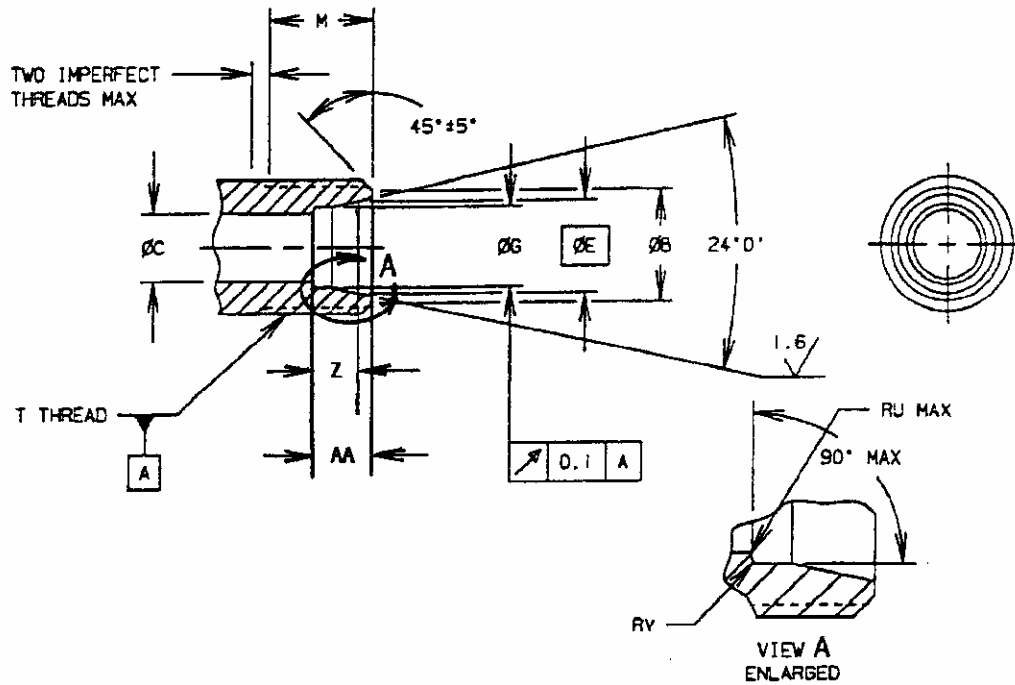


FIGURE 1 - FITTING END DESIGN, STYLE G

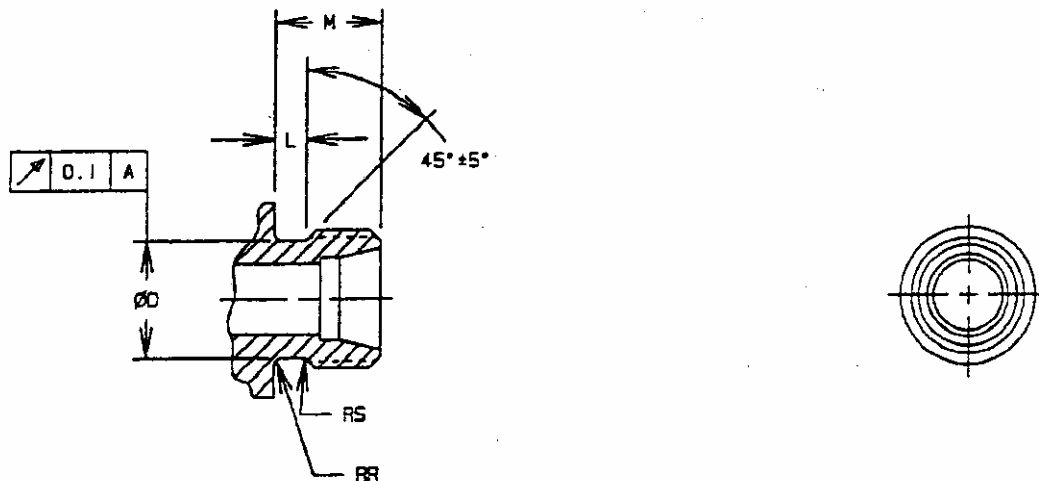
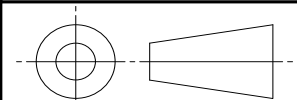


FIGURE 2 - FITTING END DESIGN, STYLE E
SAME AS STYLE G EXCEPT AS SHOWN

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/MA2095C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: NONE /2/



AEROSPACE STANDARD

(R) FITTING END, 24° CONE,
DESIGN STANDARD, METRIC

MA2095
SHEET 1 OF 3

REV.
C

Documents

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>

TABLE 1 - DIMENSIONS

BASIC NO. MA2095 /11/ SIZE CODE	(NOMINAL TUBE SIZE DN) /1/	T THREAD PER MA1370 (ISO 5855-3) 4g6g	B 0 -0.5	C	D	E
05	5	MJ 10 X 1	8.6	4.3	8.5	6.5
06	6	MJ 12 X 1.25	10.2	5.3	10.1	7.5
08	8	MJ 14 X 1.5	11.9	7.1	11.8	9.5
10	10	MJ 16 X 1.5	13.9	9.1	13.8	11.5
12	12	MJ 18 X 1.5	15.9	10.9	15.8	13.5
14	14	MJ 20 X 1.5	17.9	12.5	17.8	15.5
16	16	MJ 22 X 1.5	19.9	14.5	19.8	17.5
20	20	MJ 27 X 1.5	24.9	18.1	24.8	21.5
25	25	MJ 33 X 1.5	30.9	22.5	30.8	26.6
32	32	MJ 42 X 2	39.3	29.3	39.2	33.7
40	40	MJ 50 X 2	47.3	37.3	47.2	41.7

TABLE 1A - DIMENSIONS

BASIC NO. MA2095 /11/ SIZE CODE	G ±0.05	L ±0.2	M ±0.2	R	S ±0.10	U	V	Z ±0.12	AA ±0.076
05	5.31	2.2	9.0	0.7	0.40	0.13	0.13-0.25	4.30	5.80
06	6.31	2.7	10.0	0.9	0.50	0.13	0.25-0.40	4.80	6.30
08	8.31	3.2	11.0	1.0	0.55	0.25	0.25-0.40	4.80	6.30
10	10.31	3.2	12.0	1.0	0.55	0.25	0.25-0.40	4.80	6.30
12	12.31	3.2	12.0	1.0	0.55	0.25	0.25-0.40	4.90	7.30
14	14.31	3.2	12.0	1.0	0.55	0.25	0.25-0.40	4.90	7.30
16	16.31	3.2	12.0	1.0	0.55	0.25	0.25-0.40	4.90	7.30
20	20.33	3.2	12.0	1.0	0.55	0.25	0.25-0.40	4.90	7.30
25	25.33	3.2	13.0	1.0	0.55	0.40	0.50-0.70	4.90	7.30
32	32.35	4.2	14.0	1.3	0.70	0.40	0.50-0.70	5.40	7.80
40	40.35	4.2	14.0	1.3	0.70	0.40	0.50-0.70	5.40	7.80



AEROSPACE STANDARD

(R) FITTING END, 24° CONE,
DESIGN STANDARD, METRICMA2095
SHEET 2 OF 3

REV.

C



Documents

Document Sharing Hub