

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."

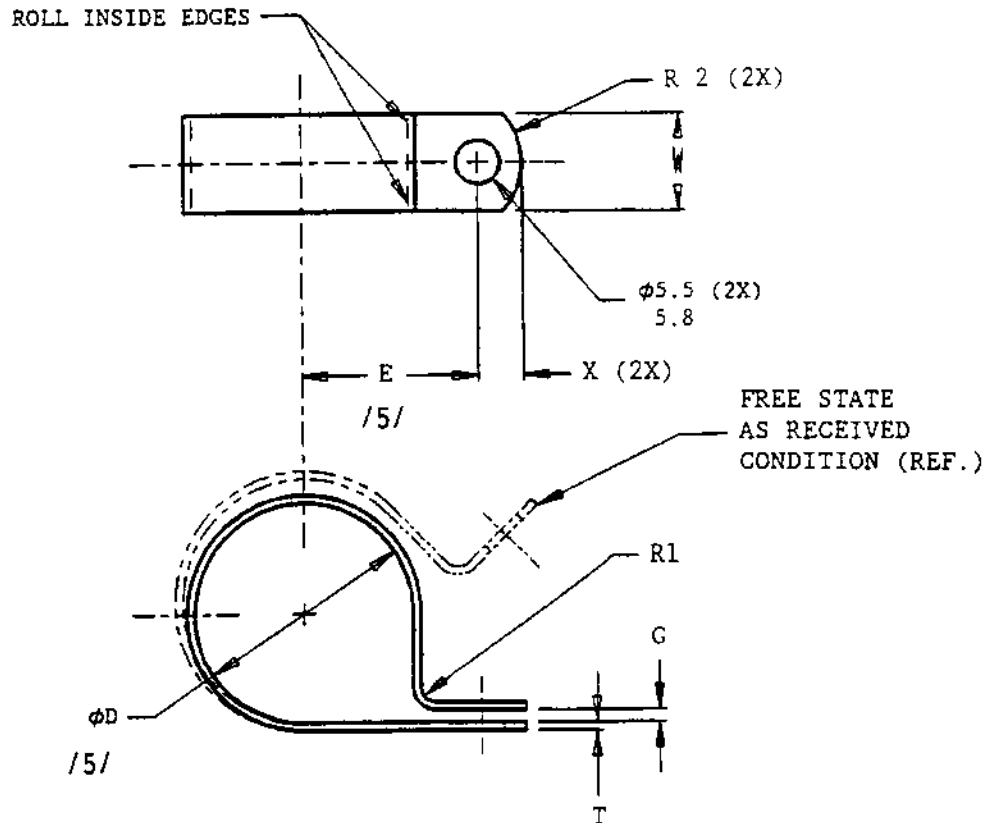
SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

MA2153/1

FEDERAL SUPPLY CLASS
5340

RATIONALE

MA2153/1 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

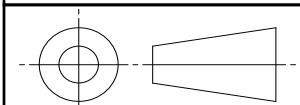


NOTE: GEOMETRIC DIMENSIONING AND TOLERANCING ARE SUBJECT TO INTERPRETATION OF ANSI 14.5M-1982.

FIGURE 1

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/MA2153/1>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3E

PROCUREMENT SPECIFICATION: MA2150



AEROSPACE STANDARD

CLAMP, LOOP TYPE, BARE
METAL, ALUMINUM, METRIC

MA2153/1
SHEET 1 OF 3

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 - DIMENSIONAL TABULATION

Ø D Coded in One Millimeter Increments Ref	E	G	R1	T	W	R2	X
	/5/						
Tolerance	±0.38		±0.25	Per Spec	±0.13	±0.25	±0.25
003 to 016	(D/2) + 8.64	1.58 + 0.41 - 0.00	1.57	0.81	12.70	9.53	5.53
007 to 030	(D/2) + 10.36	1.58 + 0.41 - 0.00	2.77	1.27	12.70	9.53	5.53
031 to 051	(D/2) + 11.11	2.39 + 0.79 - 0.00	3.18	1.60	12.70	9.53	5.53
052 to 105	(D/2) + 11.11	3.18 + 0.79 - 0.00	3.18	1.60	12.70	9.53	5.53

GENERAL NOTES:

1. MATERIALS: BAND - ALUMINUM ALLOY 2024-0 PER QQ-A-250/5
2. HEAT TREATMENT: BAND - HEAT TREAT TO CONDITION T42 PER MIL-H-6088
3. CLAMP BAND HARDNESS: 100 HB
4. FINISH: BAND - CHEMICAL FILM PER MIL-C-5541 CLASS 1A
- /5/ DIAMETER "D" IS THE NOMINAL DIAMETER FOR WHICH A CLAMP SIZE IS INTENDED FOR USE. DIAMETER "D" AND DIMENSION "E" SHALL BE MEASURED WITH THE CLAMP INSTALLED ON A MANDREL OF "D" DIAMETER ±0.025 AND A SPACER EQUAL TO "G" GAP ±0.013 BETWEEN UPPER AND LOWER FEET AS SHOWN.
6. PROCUREMENT SPECIFICATION: MA2150 (EXCEPT VIBRATION TEST)
- /7/ IDENTIFICATION: MARK THE COMPLETE STANDARD PART NUMBER AND MANUFACTURER'S NAME, TRADEMARK OR CAGE NUMBER ON THE BAND ABOVE THE THEORETICAL CENTERLINE PER AS478 (2A1)
8. SURFACE TEXTURE (SEE MA2150)
9. METAL BANDS SHALL HAVE ALL BURRS AND SHARP EDGES REMOVED
10. DIMENSIONS IN MILLIMETERS. UNLESS OTHERWISE SPECIFIED TOLERANCES: LINEAR DIMENSIONS X.XX ± 0.25, X.X ± 0.76, ANGLES ± 0.035 RADIANS



AEROSPACE STANDARD

CLAMP, LOOP TYPE, BARE
METAL, ALUMINUM, METRIC

MA2153/1

SHEET 2 OF 3



Documents

Document Sharing Hub