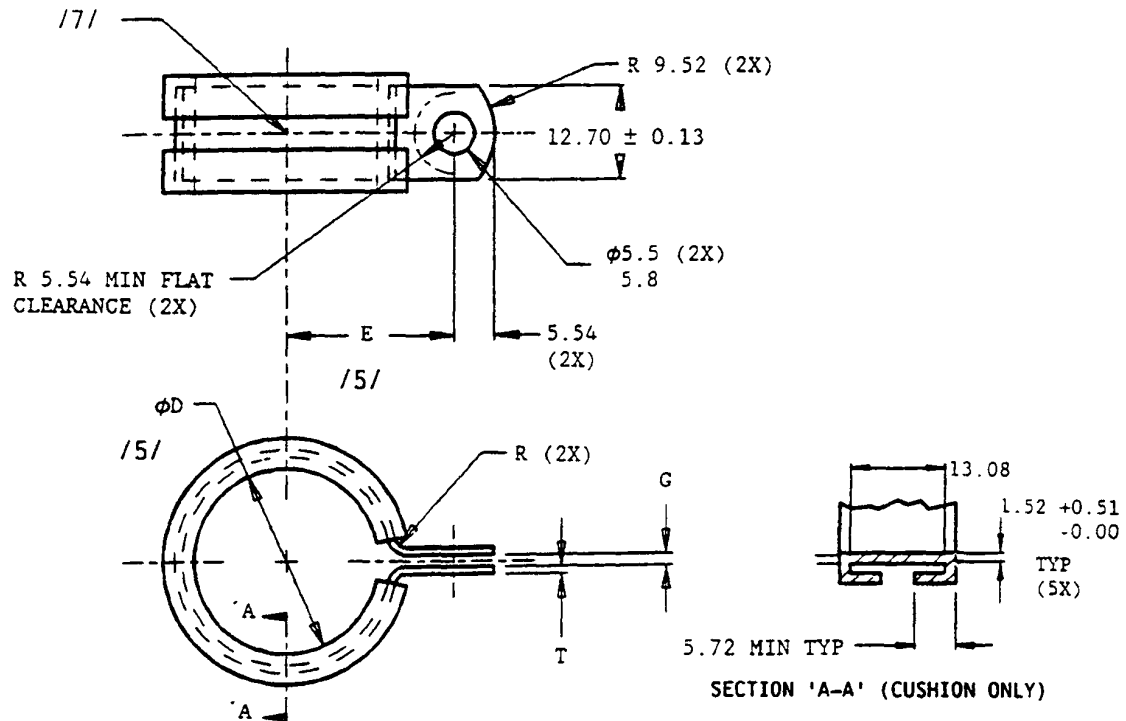


RATIONALE

MA2156/1 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

MA2156/1



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

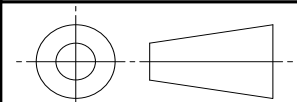
FIGURE 1

TABLE 1 - DIMENSIONAL TABULATION

Ø D Coded In One Millimeter Increments Ref	E /5/	G	R	T
Tolerance	±0.38	+0.79 -0.00	±0.38	Per Spec
006 to 012	(D/2) + 10.21	1.57	1.57	0.813
013 to 026	(D/2) + 10.41	1.57	1.57	1.016
027 to 051	(D/2) + 12.44	3.18	3.43	1.295
052 to 102	(D/2) + 13.56	3.18	3.43	1.626

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/MA2156/1>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3E

PROCUREMENT SPECIFICATION: MA2150



AEROSPACE STANDARD

CLAMP, CENTER MOUNT, CUSHIONED,
HYDROCARBON FLUID RESISTANT,
METRICMA2156/1
SHEET 1 OF 4

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GENERAL NOTES:

1. MATERIALS: BAND - 321 STAINLESS STEEL, ANNEALED, PER AMS-5510

CUSHION - NITRILE BUTADIENE RUBBER, 65-75 DUROMETER, COLOR YELLOW, PER MA2150
WITH ADDITIONAL REQUIREMENTS SHOWN BELOW

CUSHION REQUIREMENTS: 1. PHYSICAL PROPERTIES - AS SPECIFIED IN TABLE 2. UNLESS OTHERWISE SPECIFIED RESULTS ARE AN AVERAGE OF 5 SPECIMENS AND TOLERANCE ON TEMPERATURE IS ($\pm 2.8^{\circ}\text{C}$). UNLESS OTHERWISE SPECIFIED PROPERTY MEASUREMENTS SHALL BE PERFORMED IMMEDIATELY AFTER REMOVAL FROM THE IMMERSION BATHS.

2. OZONE RESISTANCE - REQUIRED PER MA2150

3. COMPRESSION SET - SEE MA2150
- AIR AGE AT 100°C
- NOT TO EXCEED 55% AVERAGE OF 3 SPECIMENS

4. FLAMMABILITY - SEE MA2150

2. HEAT TREATMENT: NONE

3. BAND HARDNESS: 90 HRB

4. FINISH: BAND - PASSIVATE PER QQ-P-35

CUSHION - NONE

/5/ "D" DIAMETER IS THE SIZE A CLAMP IS INTENDED FOR USE. "D" DIAMETER AND DIMENSION "E" SHALL BE MEASURED WITH THE CLAMP INSTALLED ON A MANDREL OF "D" DIA ± 0.025 AND A SPACER EQUAL TO "G" ± 0.013 BETWEEN UPPER AND LOWER FOOT 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 IN AN AREA NOT COVERED BY CUSHION 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 $\text{X.XX} \pm 0.25$, $\text{X.X} \pm 0.76$, ANGLES ± 0.035 RADIANS



AEROSPACE STANDARD

CLAMP, CENTER MOUNT, CUSHIONED,
HYDROCARBON FLUID RESISTANT,
METRIC

MA2156/1

SHEET 2 OF 4



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