

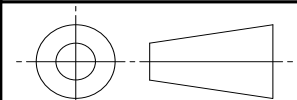
MA2154/1 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

MA2154/1



FIGURE 1

THIRD ANGLE PROJECTION



PROCUREMENT SPECIFICATION: MA2151



CLAMP, RECTANGULAR, 2 PIECE, CUSHIONED, WITH
WEDGES, HYDROCARBON FLUID RESISTANT, METRIC

MA2154/1
SHEET 1 OF 4

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GENERAL NOTES:

1. MATERIALS: BAND AND BASE - 321 CORROSION RESISTANT STEEL, ANNEALED, PER AMS-5510

CUSHION - NITRILE BUTADIENE RUBBER, 65-75 DUROMETER, COLOR YELLOW, PER MA2151 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 MA2151

3. COMPRESSION SET - SEE MA2151
- AIR AGE AT 100°C
- NOT TO EXCEED 55% AVERAGE OF 3 SPECIMENS

4. FLAMMABILITY - SEE MA2151

2. HEAT TREATMENT: NONE

3. BAND AND BASE HARDNESS: 90 HRB

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

CUSHION - NONE

/5/ STANDARD SIZE LIMITATIONS: A DIMENSION -06 (6 mm) MINIMUM, -25 (25 mm) MAXIMUM
B DIMENSION -13 (13 mm) MINIMUM, -51 (51 mm) MAXIMUM

(MINIMUM 'A' AND 'B' DIMENSIONS CAN BE REVERSED)

6. PROCUREMENT SPECIFICATION: MA2151 (EXCEPT VIBRATION TEST)

/7/ REINFORCING BEAD REQUIRED ON ALL CLAMPS WITH 'B' DIMENSION OF 38 and OVER. ALL RADII ON THE STIFFENING BEAD SHALL BE SMOOTH AND BLENDED. NO SHARP TOOL MARKS ARE ALLOWED.

/8/ 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)

9. SURFACE TEXTURE (SEE MA2151)

10. METAL BANDS SHALL HAVE ALL BURRS AND SHARP EDGES REMOVED

11. DIMENSIONS IN MILLIMETERS. UNLESS OTHERWISE SPECIFIED TOLERANCES: LINEAR DIMENSIONS
 $X.XX \pm 0.25$, $X.X \pm 0.76$, ANGLES ± 0.035 RADIANS



AEROSPACE STANDARD

CLAMP, RECTANGULAR, 2 PIECE, CUSHIONED, WITH
WEDGES, HYDROCARBON FLUID RESISTANT, METRIC

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