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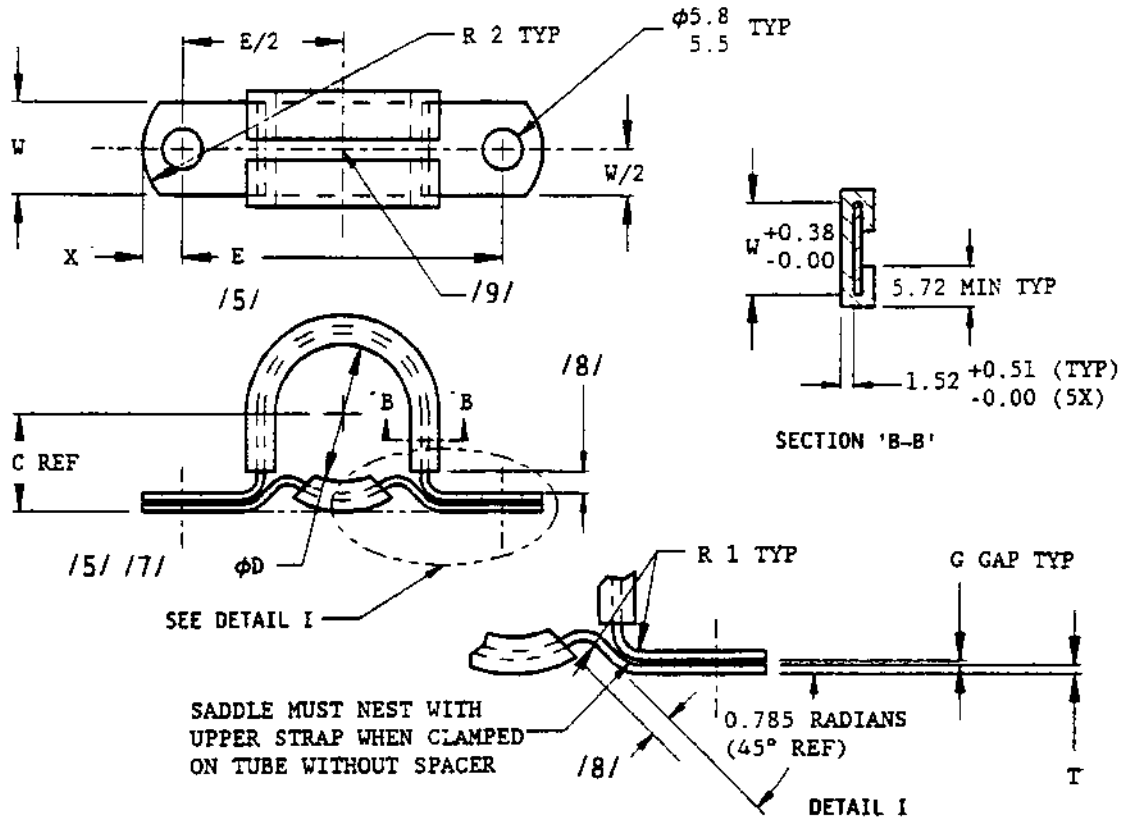
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MA2151/2

FEDERAL SUPPLY CLASS
5340

RATIONALE

MA2151/2 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

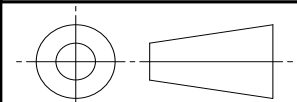


NOTE: GEOMETRIC DIMENSIONING AND TOLERANCING ARE SUBJECT TO INTERPRETATION OF ANSI 14.5M-1982.

FIGURE 1

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3E

PROCUREMENT SPECIFICATION: MA2151



AEROSPACE STANDARD

CLAMP, SADDLE TYPE, CUSHIONED,
PHOSPHATE ESTER FLUID RESISTANT, METRIC

MA2151/2
SHEET 1 OF 4

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TABLE 1 - DIMENSIONAL TABULATION

Size	Ø D Nom	C	E	G	R ₁	R ₂	T	W	X
Code	mm Tolerance	Ref	±0.38	±0.03	±0.25	±0.76	Per Spec	±0.13	±0.25
-014	14.00	11.57	36.86	0.51	2.29	9.53	1.02	12.70	5.54
-016	16.00	12.57	38.86	0.51	2.29	9.53	1.02	12.70	5.54
-018	18.00	13.57	40.86	0.51	2.29	9.53	1.02	12.70	5.54
-020	20.00	14.57	42.86	0.51	2.29	9.53	1.02	12.70	5.54
-022	22.00	15.57	44.86	0.51	2.29	9.53	1.02	12.70	5.54
-025	25.00	17.33	49.33	0.76	2.77	9.53	1.27	15.88	6.35
-028	28.00	18.83	52.33	0.76	2.77	9.53	1.27	15.88	6.35
-032	32.00	20.83	56.33	0.76	2.77	12.70	1.27	15.88	6.35
-036	36.00	22.83	60.33	0.76	2.77	12.70	1.27	15.88	6.35
-040	40.00	24.83	64.33	0.76	2.77	12.70	1.27	15.88	6.35
-045	45.00	27.66	70.81	0.76	3.18	12.70	1.59	19.05	6.35
-050	50.00	30.16	75.81	0.76	3.18	12.70	1.59	19.05	6.35
-056	56.00	33.16	81.81	0.76	3.18	12.70	1.59	19.05	6.35
-063	63.00	36.66	88.81	0.76	3.18	12.70	1.59	19.05	6.35
-070	70.00	40.16	95.81	0.76	3.18	12.70	1.59	19.05	6.35
-080	80.00	45.16	105.81	0.76	3.18	12.70	1.59	19.05	6.35
-090	90.00	50.16	115.81	0.76	3.18	12.70	1.59	19.05	6.35
-100	100.00	55.16	125.81	0.76	3.18	12.70	1.59	19.05	6.35

GENERAL NOTES:

1. MATERIALS: BAND AND BASE - 321 CORROSION RESISTANT STEEL PER AMS-5510, EXCEPT THAT A MINIMUM TENSILE STRENGTH OF 655.0 MPa SHALL BE REQUIRED.

CUSHION - ETHYLENE PROPYLENE RUBBER, 65-75 DUROMETER, COLOR PURPLE, 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 (±2.8°C). UNLESS OTHERWISE SPECIFIED PROPERTY MEASUREMENTS SHALL BE PERFORMED IMMEDIATELY AFTER REMOVAL FROM THE IMMERSION BATHS.
 2. COMPRESSION SET - SEE MA2151
 - AIR AGE AT 100°C
 - NOT TO EXCEED 30% AVERAGE OF 3 SPECIMENS
 3. FLAMMABILITY - SEE MA2151
 - SPECIMENS: STANDARD ASTM TEST SLABS
 - HORIZONTAL BURN TEST



AEROSPACE STANDARD

CLAMP, SADDLE TYPE, CUSHIONED,
PHOSPHATE ESTER FLUID RESISTANT, METRIC

MA2151/2
SHEET 2 OF 4



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