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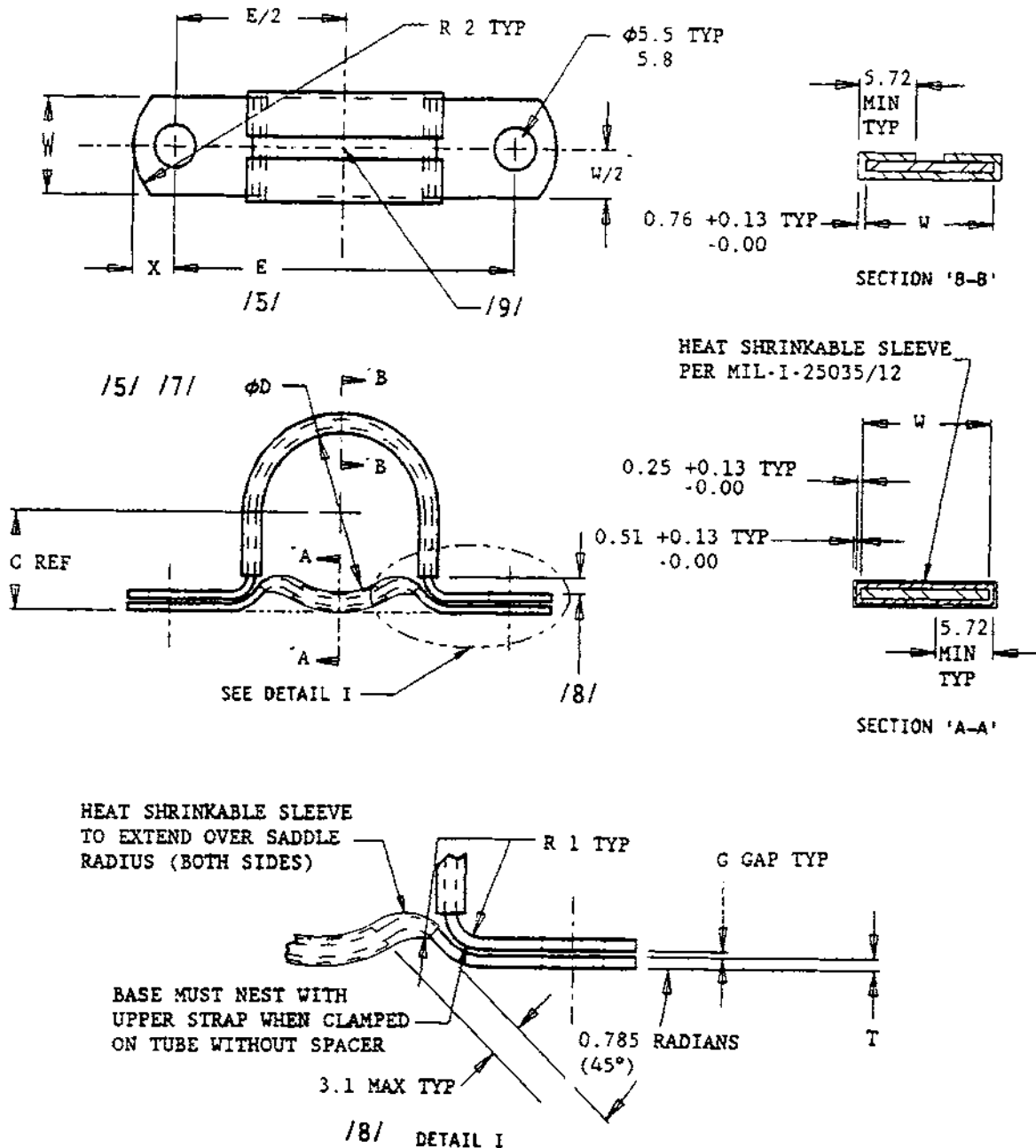
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MA2151/4

RATIONALE

FEDERAL SUPPLY CLASS
5340

MA2151/4 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



CUSTODIAN: G-3/G-3E

PROCUREMENT SPECIFICATION: MA2151



AEROSPACE STANDARD

CLAMP, SADDLE TYPE,
CUSHIONED, PTFE, METRIC

MA2151/4
SHEET 1 OF 3

Documents

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TABLE 1 - DIMENSIONAL TABULATION

Size	Ø D Nom	C	E	G	R ₁	R ₂	T	W	X
Code	mm	Ref	±0.38	±0.03	±0.25	±0.76	Per Spec	±0.13	±0.25
-014	14.00	10.05	36.86	0.51	2.29	9.53	1.02	12.70	5.54
-016	16.00	11.05	38.86	0.51	2.29	9.53	1.02	12.70	5.54
-018	18.00	12.05	40.86	0.51	2.29	9.53	1.02	12.70	5.54
-020	20.00	13.05	42.86	0.51	2.29	9.53	1.02	12.70	5.54
-022	22.00	14.05	44.86	0.51	2.29	9.53	1.02	12.70	5.54
-025	25.00	15.81	49.33	0.76	2.77	9.53	1.27	15.88	6.35
-028	28.00	17.31	52.33	0.76	2.77	9.53	1.27	15.88	6.35
-032	32.00	19.31	56.33	0.76	2.77	12.70	1.27	15.88	6.35
-036	36.00	21.31	60.33	0.76	2.77	12.70	1.27	15.88	6.35
-040	40.00	23.31	64.33	0.76	2.77	12.70	1.27	15.88	6.35
-045	45.00	26.14	70.81	0.76	3.18	12.70	1.59	19.05	6.35
-050	50.00	28.64	75.81	0.76	3.18	12.70	1.59	19.05	6.35
-056	56.00	31.64	81.81	0.76	3.18	12.70	1.59	19.05	6.35
-063	63.00	35.14	88.81	0.76	3.18	12.70	1.59	19.05	6.35
-070	70.00	38.64	95.81	0.76	3.18	12.70	1.59	19.05	6.35
-080	80.00	43.64	105.81	0.76	3.18	12.70	1.59	19.05	6.35
-090	90.00	48.64	115.81	0.76	3.18	12.70	1.59	19.05	6.35
-100	100.00	53.64	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 - TEFLON SHEET STRIP PER MIL-P-22241 TYPE II, GRADE B, EXTRUDED AND HEAT FORMED TO SHAPE, COLOR WHITE. SADDLE CUSHION COVERED WITH HEAT SHRINKABLE SLEEVE PER MIL-I-25035/12. (SEE SECTION 'A-A', SHT. 1.)

2. HEAT TREATMENT: NONE
3. BAND AND BASE HARDNESS: SEE NOTE 1 (MATERIAL, TENSILE STRENGTH)
4. FINISH: BAND AND BASE - PASSIVATE PER QQ-P-35.

CUSHION - NONE

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 MANDEL OF "D" DIAMETER ± 0.025 AND A 1.59 ± 0.013 GAP SPACER BETWEEN UPPER AND LOWER FEET AS SHOWN.

6. PROCUREMENT SPECIFICATION: MA2151



AEROSPACE STANDARD

CLAMP, SADDLE TYPE,
CUSHIONED, PTFE, METRIC

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