

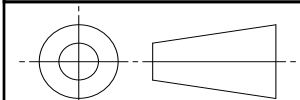
MA2150/6 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

MA2150/6



FIGURE 1

THIRD ANGLE PROJECTION



PROCUREMENT SPECIFICATION: MA2150



MA2150/6
SHEET 1 OF 4

CLAMP, LOOP STYLE, WITH INSERT,
PHOSPHATE ESTER FLUID RESISTANT, METRIC

TABLE 1 - DIMENSIONAL TABULATION

Size	ϕ D Nom					R		
Code	mm	ϕ B	C	E	J	Rad	T	Y
	Tolerances	± 0.51	Ref	± 0.38	Ref	± 0.25	Per Spec	Ref
03	3.2	9.53	6.35	15.06	5.97	2.29	0.51	8.26
04	4.0	9.53	6.35	15.06	5.97	2.29	0.51	8.26
05	5.0	12.70	7.94	16.64	5.97	2.29	0.51	8.26
06	6.0	12.70	7.94	16.64	5.97	2.29	0.51	8.26
07	7.0	12.70	7.94	16.64	5.97	2.29	0.51	8.26
08	8.0	12.70	7.94	16.64	5.97	2.29	0.51	8.26

GENERAL NOTES:

1. MATERIALS: BAND - 17-7PH, CORROSION RESISTANT STEEL PER AMS-5528, ANNEALED

INSERT - ETHYLENE PROPYLENE RUBBER, 65-75 DUROMETER, COLOR PURPLE, PER MA2150 WITH ADDITIONAL REQUIREMENTS SHOWN BELOW.

INSERT 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 MA2150
 - AIR AGE AT 100 °C
 - NOT TO EXCEED 30% AVERAGE OF 3 SPECIMENS

3. FLAMMABILITY - SEE MA2150
 - SPECIMENS - STANDARD ASTM TEST SLABS
 - HORIZONTAL BURN TEST

2. HEAT TREATMENT: BAND - STRESS RELIEVE AND HEAT TREAT TO CONDITION TH1100 PER MIL-H-6875 AFTER FORMING.

INSERT - NONE

3. CLAMP BAND HARDNESS: 51-59 HR30N (SEE PROCUREMENT SPECIFICATION)

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

INSERT - NONE

- /5/ DIAMETER "D" IS THE NOMINAL DIAMETER FOR WHICH A CLAMP SIZE IS INTENDED FOR USE. DIMENSION "E" SHALL BE MEASURED WITH THE CLAMP INSTALLED ON A MANDREL OF "D" DIAMETER ± 0.025 AND A 1.59 ± 0.013 GAP SPACER BETWEEN UPPER AND LOWER FOOT AS SHOWN.



AEROSPACE STANDARD

CLAMP, LOOP STYLE, WITH INSERT,
PHOSPHATE ESTER FLUID RESISTANT, METRIC

MA2150/6
SHEET 1 OF 1



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