

RATIONALE

AS9391 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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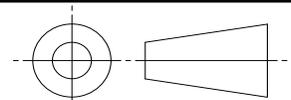
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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE



**AEROSPACE STANDARD**

CLAMP, LOOP - MULTIPLE TUBE,  
DETACHABLE CUSHION, AMS5510

**SAE AS9391**  
SHEET 1 OF 3

ISSUED 1998-01 REAFFIRMED 2012-11

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**SAE AS9391**

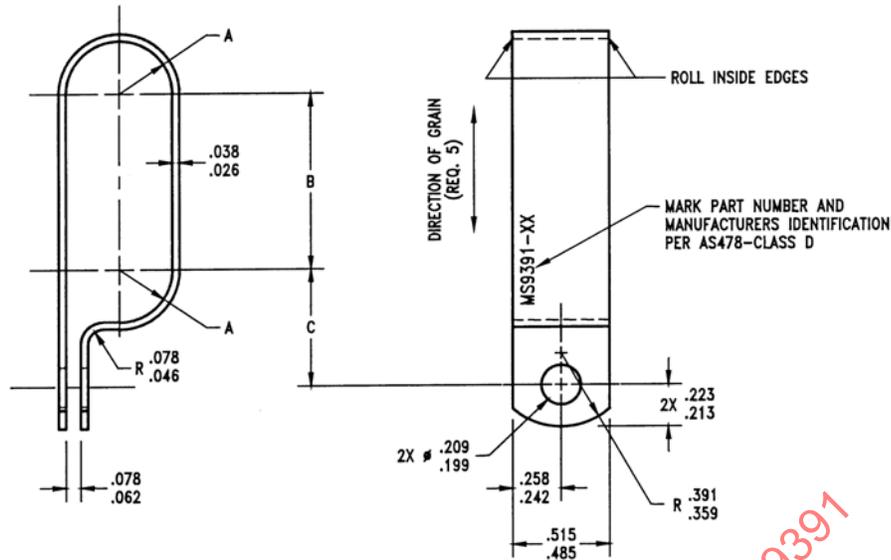


FIGURE 1 - CLAMP LOOP

TABLE 1 - DASH NUMBERS AND DIMENSIONS

PART NO.	NOM TUBE OD	NO. OF TUBES	A RAD ±.010	B ±.005	C ±.010	APPROX WEIGHT LB/100
MS9391-01	.125	2	.125	.188	.457	.91
MS9391-02	.125	3	.125	.375	.457	1.07
MS9391-03	.188	2	.156	.250	.498	1.07
MS9391-04	.188	3	.156	.500	.498	1.29
MS9391-05	.250	2	.219	.344	.560	1.33
MS9391-06	.250	3	.219	.688	.560	1.63
MS9391-07	.312	2	.250	.406	.592	1.48
MS9391-08	.312	3	.250	.812	.592	1.84
MS9391-09	.375	2	.281	.469	.623	1.63
MS9391-10	.375	3	.281	.938	.623	2.04

REQUIREMENTS:

1. MATERIAL: CORROSION RESISTANT STEEL AMS 5510.
2. REMOVE BURRS AND BREAK SHARP EDGES.
3. CLAMP SHALL BE FORMED AS SHOWN. DIMENSION .062-.078 SHALL FALL WITHIN THE SPECIFIED LIMITS WHEN CLAMP IS CLOSED OVER BARS CONFORMING TO NOMINAL INSIDE CONFIGURATION WITHIN ±.001.
4. HOLES SHALL BE IN ALIGNMENT WITHIN .010 AND CLAMPS SHALL BE FLAT WITHIN .005 THRU CLAMP WIDTH WHEN LEGS ARE CLOSED TO DIMENSION SPECIFIED BEFORE BEING ASSEMBLED ON TEST BARS. IN THE FREE POSITION, CLAMP MAY SPRING OPEN PROVIDED THE ABOVE CONDITIONS ARE MET.
5. GRAIN FLOW SHOULD BE PARALLEL WITH ROLLING DIRECTION.
6. PART NUMBER: THE MS PART NUMBER SHALL BE AS SHOWN IN TABLE 1.