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REV.  
A

AS6298™

RATIONALE

FEDERAL SUPPLY CLASS  
5340

ADDED BAND MATERIAL CODE LETTER "N" FOR TYPE 625 NICKEL ALLOY. ADDED NOTE FOR USE OF INVENTORIED PARTS.

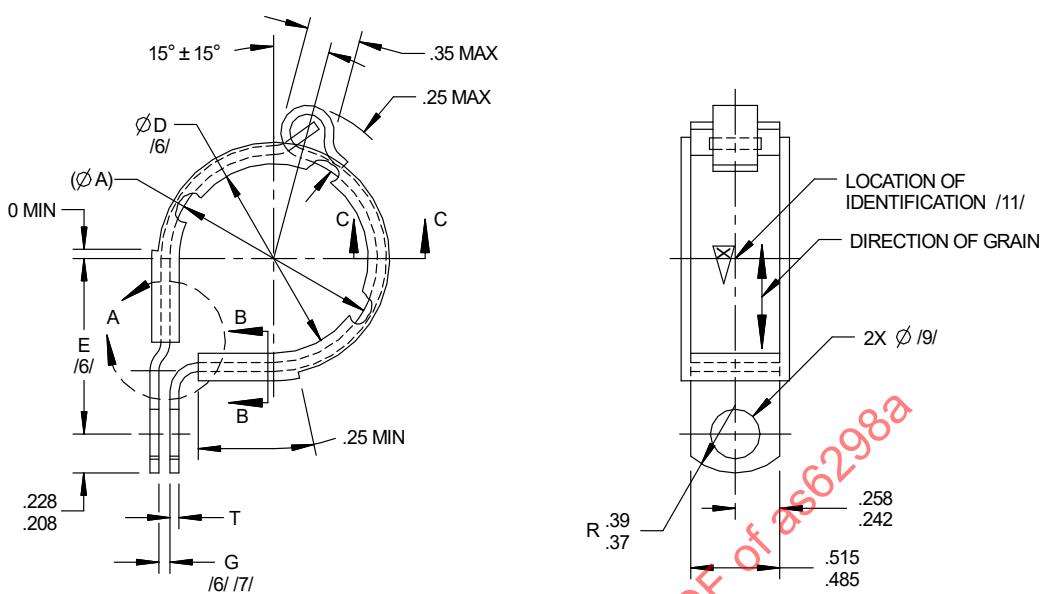
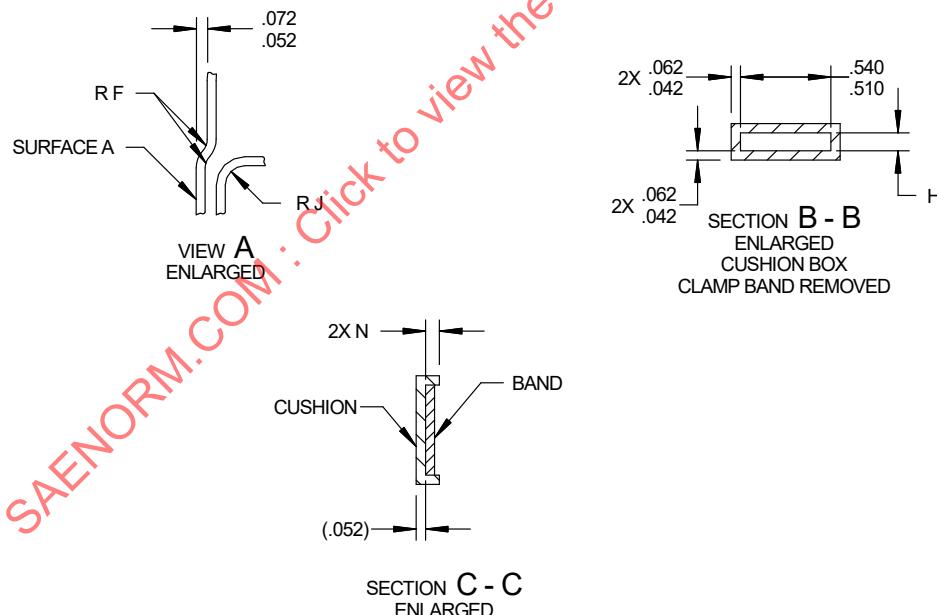
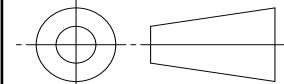


FIGURE 1 - CLAMP ASSEMBLY, LOOP



For more information on this standard, visit  
<https://www.sae.org/standards/content/AS6298A/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3E

PROCUREMENT SPECIFICATION: NONE /4/



AEROSPACE STANDARD

CLAMP ASSEMBLY, LOOP, CUSHIONED HINGED

AS6298™  
SHEET 1 OF 3

REV.  
A

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ISSUED 2015-12 REVISED 2021-03

**TABLE 1A - DIMENSIONS**

BASIC NO. AS6298 /19/ SIZE CODE	(A)	G						T ±.005	
		D ±.015	E ±.015	F ±.016	+.015 -.000	H ±.005	J ±.015		
04	.350	.250	.529	.062	.062	.065	.062	.037-.065	.032
05	.413	.312	.560	.062	.062	.065	.062	.037-.065	.032
06	.475	.375	.592	.062	.062	.065	.062	.037-.065	.032
07	.538	.438	.623	.062	.062	.065	.062	.037-.065	.032
08	.600	.500	.654	.062	.062	.065	.062	.037-.065	.032
09	.663	.562	.749	.094	.062	.100	.109	.055-.100	.050
10	.725	.625	.780	.094	.062	.100	.109	.055-.100	.050
11	.788	.688	.811	.094	.062	.100	.109	.055-.100	.050
12	.850	.750	.842	.094	.062	.100	.109	.055-.100	.050
13	.913	.812	.858	.094	.062	.100	.109	.055-.100	.050
14	.975	.875	.889	.094	.062	.100	.109	.055-.100	.050
15	1.038	.938	.920	.094	.062	.100	.109	.055-.100	.050
16	1.100	1.000	.951	.094	.062	.100	.109	.055-.100	.050
17	1.162	1.062	.983	.094	.062	.100	.109	.055-.100	.050

## NOTES:

## /1/ MATERIAL:

## BAND:

- a. CODE LETTER A - TYPE A286 CORROSION RESISTANT STEEL PER AMS5525.
- b. CODE LETTER C - TYPE 321 CORROSION RESISTANT STEEL PER AMS5510.
- c. CODE LETTER P - 17-7PH CORROSION RESISTANT STEEL PER AMS5528.
- d. CODE LETTER N - TYPE 625 NICKEL ALLOY PER AMS5599.

## CUSHION:

- a. CODE LETTER P - POLYBENZIMIDAZOLE (PBI) POLYIMIDE FIBERGLASS PER AMS3677.

## 2. HEAT TREATMENT:

- a. BAND MATERIAL CODE LETTER A - PRECIPITATION HEAT TREAT TO CONDITION STA PER AMS2759/3.
- b. BAND MATERIAL CODE LETTER C - NONE.
- c. BAND MATERIAL CODE LETTER P - STRESS RELIEVE AND HEAT TREAT TO CONDITION TH1100 PER AMS2759/3 AFTER FORMING.
- d. BAND MATERIAL CODE LETTER N - NONE.

## 3. FINISH:

- a. BAND MATERIAL CODE LETTER A - PASSIVATE PER AMS2700, TYPE 2 OR 8.
- b. BAND MATERIAL CODE LETTER C - PASSIVATE PER AMS2700, TYPE 6 OR 7.
- c. BAND MATERIAL CODE LETTER P - PASSIVATE PER AMS2700, TYPE 2 OR 8.
- d. BAND MATERIAL CODE LETTER N - NONE.

## /4/ PROCUREMENT SPECIFICATION: NONE. THE DRAWING AND ALL THE SPECIFIED DOCUMENTS DEFINE THE REQUIREMENTS FOR THE END PRODUCT. ALL THE REQUIREMENTS MUST BE MET IN ORDER TO IDENTIFY THE ITEM WITH THAT PART NUMBER. USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL BY STANDARD PAGE SUPPLEMENT OR SIMILAR MEANS.

	AEROSPACE STANDARD			AS6298™ SHEET 2 OF 3
	CLAMP ASSEMBLY, LOOP, CUSHIONED HINGED			