

SAE Executive Standards Committee Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV.
B

AS6298™

FEDERAL SUPPLY CLASS
5340

RATIONALE

ADDED DETAIL VIEW D AND NEW NOTE TO ALLOW THE ORIENTATION OF THE HINGE MECHANISM ON EITHER ONE OF THE CLAMP HALVES.

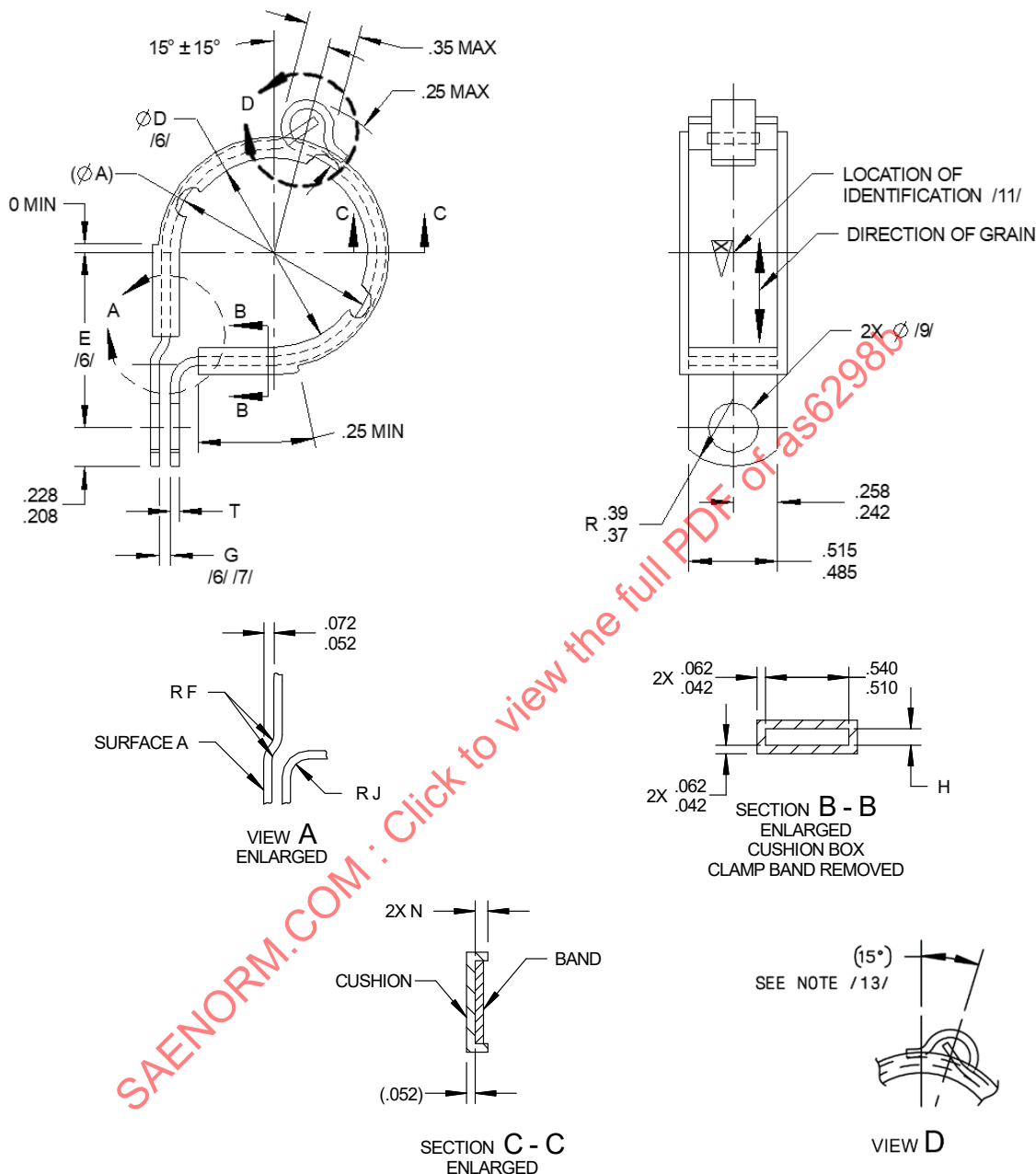
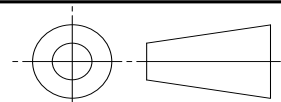


FIGURE 1 - CLAMP ASSEMBLY, LOOP

For more information on this standard, visit
<https://www.sae.org/standards/content/AS6298B/>

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.
B

TABLE 1 - DIMENSIONS

BASIC NO. AS6298 /20/ SIZE CODE	(A)	D ±.015	E ±.015	F ±.016	G +.015 -.000	H ±.005	J ±.015	N	T ±.005
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	REV. B
	CLAMP ASSEMBLY, LOOP, CUSHIONED, HINGED			