FEDERAL SUPPLY CLASS
5340

RATIONALE

REINSTATED TOLERANCES TO THICKNESS DIMENSIONS (T) LISTED IN TABLE 2, CORRECTED TYPOGRAPHICAL ERROR FOR -37 “D” DIMENSION, ADDED DEFAULT ANGULARITY TOLERANCE, ADDED MARKING METHODS 2D1 OR 2E1 AS OPTIONS, SPECIFIED TYPE 6 AND TYPE 7 FOR PASSIVATION, INCLUDED REQUIREMENT TO FORM ALUMINUM IN ANNEALED CONDITION, AND UPDATED SPECIFICATION REFERENCES.

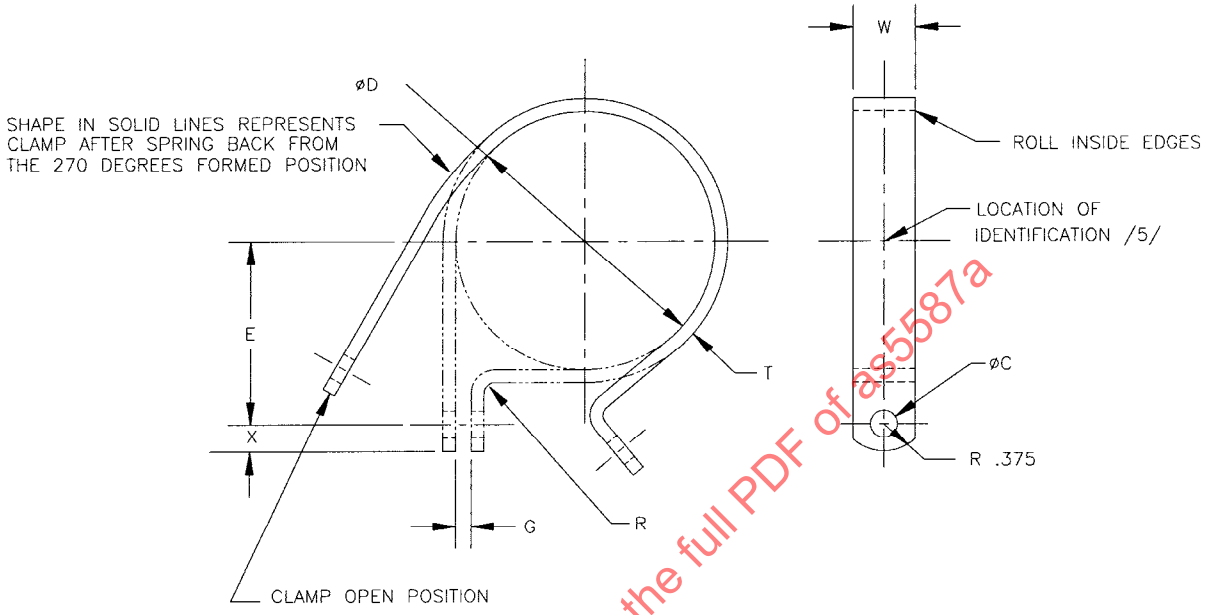


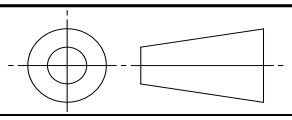
FIGURE 1 - CLAMP

TABLE 1 - DIMENSIONS

SIZE CODE RANGE /10/	G MIN	G MAX	R	AL ALLOY W ±.015	AL ALLOY C ±.005	CRES W ±.015	CRES C ±.005	X ±.015
02 - 10	.062	.078	.062	.500	.218	.375	.204	.188
11 - 19	.062	.078	.109	.500	.218	.500	.218	.218
20 - 32	.094	.125	.125	.500	.218	.500	.218	.218
33 - 66	.125	.156	.125	.500	.218	.500	.218	.218

ISSUED 2000-09 REAFFIRMED 2004-06 REVISED 2008-06

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3E

PROCUREMENT SPECIFICATION: NONE

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AEROSPACE STANDARD

CLAMP, LOOP, PLAIN, SUPPORT, AIRCRAFT

TABLE 2 - DIMENSIONS AND SIZE CODE

SIZE CODE /10/	TUBE DIA OD (REF)	D	AL ALLOY E	CRES E	AL ALLOY T	CRES T
02	.125	.125	.360	.360	.030 - .035	.017 - .023
03	.188	.188	.423	.423	.030 - .035	.017 - .023
04	.250	.250	.457	.457	.030 - .035	.017 - .023
05	.313	.313	.498	.498	.030 - .035	.017 - .023
06	.375	.375	.529	.529	.030 - .035	.017 - .023
07	.438	.438	.560	.560	.030 - .035	.017 - .023
08	.500	.500	.592	.592	.030 - .035	.017 - .023
09	.563	.563	.623	.623	.030 - .035	.017 - .023
10	.625	.625	.654	.654	.030 - .035	.017 - .023
11	.688	.688	.752	.749	.046 - .054	.028 - .036
12	.750	.750	.783	.780	.046 - .054	.028 - .036
13	.813	.813	.814	.811	.046 - .054	.028 - .036
14	.875	.875	.845	.842	.046 - .054	.028 - .036
15	.938	.938	.877	.858	.046 - .054	.028 - .036
16	1.000	1.000	.908	.889	.046 - .054	.028 - .036
17	1.063	1.063	.939	.920	.046 - .054	.028 - .036
18	1.125	1.125	.970	.951	.046 - .054	.028 - .036
19	1.188	1.188	1.002	.983	.046 - .054	.028 - .036
20	1.250	1.250	1.062	1.030	.058 - .068	.028 - .036
21	1.313	1.313	1.093	1.061	.058 - .068	.028 - .036
22	1.375	1.375	1.124	1.092	.058 - .068	.028 - .036
23	1.438	1.438	1.156	1.124	.058 - .068	.028 - .036
24	1.500	1.500	1.187	1.155	.058 - .068	.028 - .036
25	1.563	1.563	1.218	1.186	.058 - .068	.028 - .036
26	1.625	1.625	1.249	1.217	.058 - .068	.028 - .036
27	1.688	1.688	1.281	1.249	.058 - .068	.028 - .036
28	1.750	1.750	1.312	1.280	.058 - .068	.028 - .036
29	1.812	1.812	1.344	1.312	.058 - .068	.028 - .036
30	1.875	1.875	1.374	1.342	.058 - .068	.028 - .036
31	1.938	1.938	1.406	1.374	.058 - .068	.028 - .036
32	2.000	2.000	1.437	1.405	.058 - .068	.028 - .036
33	2.062	2.062	1.468	1.444	.058 - .068	.036 - .044
34	2.125	2.125	1.499	1.475	.058 - .068	.036 - .044
35	2.188	2.188	1.531	1.507	.058 - .068	.036 - .044
36	2.250	2.250	1.562	1.538	. 058 - .068	.036 - .044
37	2.312	2.312	1.594	1.570	.058 - .068	.036 - .044
38	2.375	2.375	1.624	1.600	.058 - .068	.036 - .044
40	2.500	2.500	1.687	1.663	.058 - .068	.036 - .044
42	2.625	2.625	1.752	1.728	.058 - .068	.036 - .044
43	2.680	2.680	1.778	1.754	.058 - .068	.036 - .044
44	2.750	2.750	1.812	1.788	.058 - .068	.036 - .044
45	2.812	2.812	1.844	1.820	.058 - .068	.036 - .044
46	2.875	2.875	1.875	1.851	.058 - .068	.036 - .044
48	3.000	3.000	1.937	1.913	.058 - .068	.036 - .044
50	3.125	3.125	2.000	1.976	.058 - .068	.036 - .044
52	3.250	3.250	2.062	2.038	.058 - .068	.036 - .044
54	3.375	3.375	2.125	2.101	.058 - .068	.036 - .044
56	3.500	3.500	2.187	2.163	.058 - .068	.036 - .044
58	3.625	3.625	2.250	2.226	.058 - .068	.036 - .044
64	4.000	4.000	2.437	2.413	.058 - .068	.036 - .044
66	4.125	4.125	2.500	2.476	.058 - .068	.036 - .044