

AS7351

RATIONALE

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THIRD ANGLE PROJECTION



ISSUED 1998-05 REAFFIRMED 2007-06

PREPARED BY COMMITTEE E-25

PROCUREMENT SPECIFICATION: NONE

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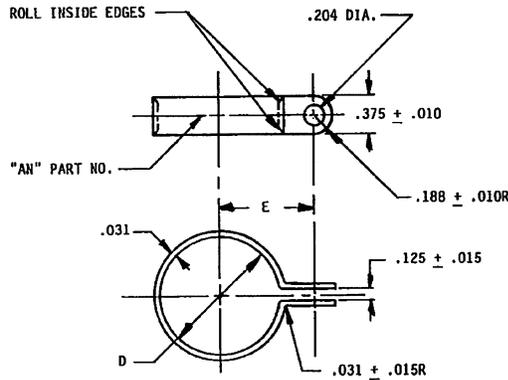
AEROSPACE STANDARD

CLAMP, LOOP TYPE BONDING

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SHEET 1 OF 3

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DASH NUMBERS	DIMENSIONS		LBS. PER 100 PCS (APPROX)	
	'D' DIA. ±.005	'E' ±.015	STEEL AND CRES	ALUM ALLOY.
2	.125	.313	.24	.08
3	.188	.344	.31	.11
4	.250	.375	.37	.13
5	.313	.406	.44	.15
6	.375	.469	.52	.18
7	.438	.500	.59	.20
8	.500	.531	.65	.22
9	.563	.563	.72	.25
10	.625	.594	.78	.27
11	.688	.625	.85	.29
12	.750	.656	.91	.31
13	.813	.688	.98	.34
14	.875	.719	1.04	.36
15	.938	.750	1.10	.38
16	1.000	.813	1.19	.41
17	1.063	.844	1.25	.43
18	1.125	.875	1.32	.46
19	1.188	.906	1.38	.48
20	1.250	.938	1.45	.50
21	1.313	.969	1.51	.52
22	1.375	1.000	1.57	.54
23	1.438	1.031	1.64	.57
24	1.500	1.063	1.71	.59
25	1.563	1.094	1.77	.61
26	1.625	1.125	1.84	.63
27	1.688	1.156	1.90	.66
28	1.750	1.188	1.97	.68
30	1.875	1.250	2.09	.72
31	1.938	1.281	2.16	.75
32	2.000	1.313	2.22	.77
34	2.125	1.375	2.35	.81
35	2.188	1.406	2.42	.83
36	2.250	1.438	2.48	.86
38	2.375	1.500	2.61	.90
40	2.500	1.563	2.74	.95
43	2.688	1.656	2.93	1.01
44	2.750	1.688	2.99	1.03
48	3.000	1.813	3.25	1.12
52	3.250	1.938	3.51	1.21
56	3.500	2.063	3.77	1.30
64	4.000	2.313	4.29	1.48
72	4.500	2.563	4.81	1.65
80	5.000	2.813	5.33	1.84
88	5.500	3.063	5.84	2.02
96	6.000	3.313	6.36	2.19

MATERIALS:

- (-) = 1010 STEEL, TEMPER 4 PER ASTM A109-85
FINISH - CADMIUM PLATING PER QQ-P-416, TYPE II, CLASS 2
- (D) = ALUMINUM ALLOY PER QQ-A-250/5
FINISH - HEAT TREAT PER MIL-H-6088 TO T42 CONDITION
- (DC) = ALUMINUM ALLOY PER QQ-A-250/5
FINISH - HEAT TREAT PER MIL-H-6088 TO T42 CONDITION
CHEMICAL FILM PER MIL-C-5541, CLASS 3, COLOR GOLD
- (C) = 302 CRES STEEL PER MIL-S-5059, ANNEALED OR 321 CRES STEEL PER AMS 5510, ANNEALED.
FINISH - CLEANED AND DESCALED IN ACCORDANCE WITH "ASTM A-380" AND PASSIVATED PER "QQ-P-35".

NOTE: ALUMINUM ALLOY CLAMPS MUST BE FORMED WITHIN ONE HOUR OF HEAT TREATMENT

EXAMPLES OF PART NUMBER:

- AN735-2 = STEEL CLAMP, .125 INSIDE DIA.
- AN735D2 = ALUMINUM ALLOY CLAMP, .125 INSIDE DIA.
- AN735DC2 = ALUMINUM ALLOY CLAMP WITH CHEMICAL FILM, .125 INSIDE DIA.
- AN735C2 = CRES, STEEL CLAMP, .125 INSIDE DIA.