

RATIONALE

AS5355/1 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

AS5355/1

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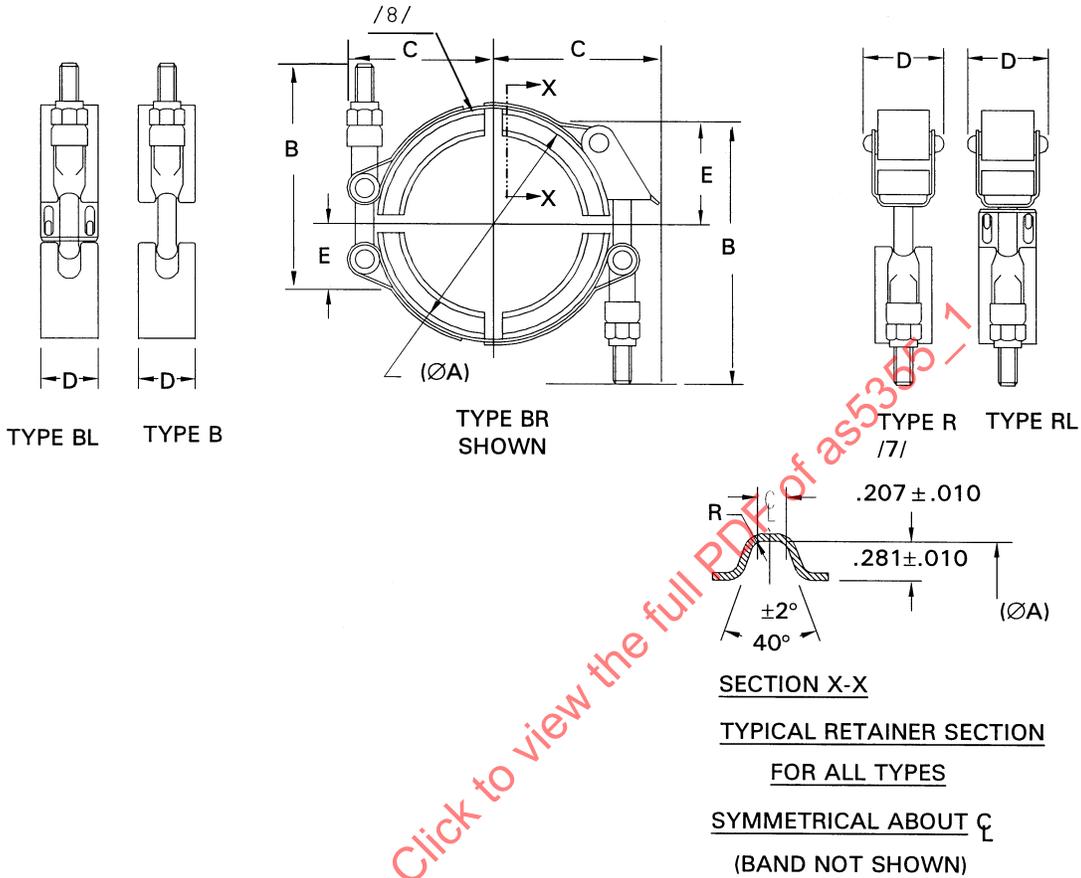
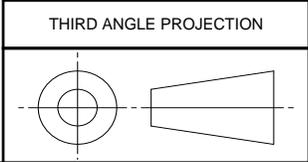


FIGURE 1 - V-BAND COUPLING CLAMP

TABLE 1 - DIMENSIONS

SIZE CODE RANGE	B MAX	B MAX	B MAX	B MAX	D MAX	D MAX	D MAX	D MAX	E MAX	E MAX	BOLT DIA	R ±.020
/4/	B	BL	R	RL	B	BL	R	RL	B/BL	R/RL		
01 - 09	3.50	4.00	4.00	4.50	.80	.90	1.10	1.10	1.10	1.50	.250	.055
10 - 19	4.30	4.90	4.90	5.40	.95	1.00	1.25	1.25	1.15	1.70	.312	.063
20 - 37	4.30	4.90	4.90	5.40	1.20	1.25	1.25	1.25	1.15	1.70	.312	.063

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CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: /1/, /2/, /3/ AS5355



AEROSPACE STANDARD

COUPLINGS, CLAMP, GROOVED, V-BAND,
1.75 TO 14.25 FLANGE OD
(-65 TO 800 °F)

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TABLE 2 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS5355/1 SIZE CODE	FLANGE OD MS24563 FIGURE 2A	AXIAL LOAD RATING (LBF)	(A) +.03 -.06	C MAX B/BL	C MAX R/RL	RATING TORQUE (LBF-IN)	LB/EA, MAX B	LB/EA, MAX BL	LB/EA, MAX R	LB/EA, MAX RL
01	1.75	8790	1.88	1.75	1.85	50	.35	.40	.39	.44
02	1.88	8820	2.00	1.80	1.90	50	.36	.41	.40	.45
03	2.00	8855	2.12	1.85	1.95	50	.37	.42	.41	.46
04	2.12	8890	2.25	1.90	2.00	50	.39	.44	.43	.48
05	2.25	8925	2.38	2.00	2.10	50	.40	.45	.44	.49
06	2.38	8960	2.50	2.05	2.15	50	.41	.46	.45	.50
07	2.50	8995	2.62	2.10	2.20	50	.42	.47	.46	.51
08	2.620	9025	2.75	2.20	2.30	50	.44	.49	.48	.53
09	2.75	9060	2.88	2.25	2.35	50	.45	.50	.49	.54
10	2.88	13 850	3.00	2.45	2.50	100	.77	.87	.85	.95
11	3.00	13 925	3.12	2.50	2.60	100	.79	.89	.87	.97
12	3.12	14 000	3.25	2.60	2.65	100	.80	.90	.88	.98
13	3.25	14 100	3.38	2.65	2.70	100	.82	.92	.90	1.00
14	3.50	14 325	3.62	2.75	2.85	105	.85	.95	.93	1.03
15	3.75	14 500	3.88	2.90	2.95	105	.88	.98	.96	1.06
16	4.00	14 725	4.12	3.00	3.10	105	.92	1.02	1.00	1.10
17	4.25	14 900	4.38	3.15	3.20	105	.95	1.05	1.03	1.13
18	4.75	15 300	4.88	3.40	3.45	110	1.02	1.12	1.10	1.20
19	5.25	15 700	5.38	3.65	3.70	115	1.09	1.19	1.17	1.27
20	5.75	16 100	5.88	3.90	3.95	115	1.16	1.26	1.24	1.34
21	6.25	16 500	6.38	4.15	4.20	120	1.60	1.75	1.68	1.83
22	6.75	16 950	6.88	4.40	4.45	120	1.67	1.82	1.75	1.92
23	7.25	17 400	7.38	4.65	4.70	125	1.74	1.89	1.82	1.97
24	7.75	17 800	7.88	4.90	4.95	130	1.81	1.96	1.89	2.04
25	8.25	18 250	8.38	5.15	5.20	130	1.88	2.03	1.96	2.11
26	8.75	18 700	8.88	5.40	5.45	135	1.95	2.10	2.03	2.18
27	9.25	19 100	9.38	5.65	5.70	140	2.02	2.17	2.10	2.25
28	9.75	19 550	9.88	5.90	5.95	140	2.10	2.25	2.18	2.33
29	10.25	20 000	10.38	6.15	6.20	145	2.17	2.32	2.25	2.40
30	10.75	20 500	10.88	6.40	6.45	150	2.24	2.39	2.32	2.47
31	11.25	21 000	11.38	6.65	6.70	150	2.37	2.46	2.39	2.54
32	11.75	21 450	11.88	6.90	6.95	155	2.39	2.54	2.47	2.62
33	12.25	21 900	12.38	7.15	7.20	160	2.46	2.61	2.54	2.69
34	12.75	22 400	12.88	7.40	7.45	160	2.53	2.68	2.61	2.76
35	13.25	22 850	13.38	7.65	7.70	165	2.60	2.75	2.68	2.83
36	13.75	23 300	13.88	7.90	7.95	170	2.67	2.82	2.75	2.90
37	14.25	23 800	14.38	8.15	8.20	170	2.74	2.89	2.82	2.97

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