

RATIONALE

AS5355/3 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

AS5355/3

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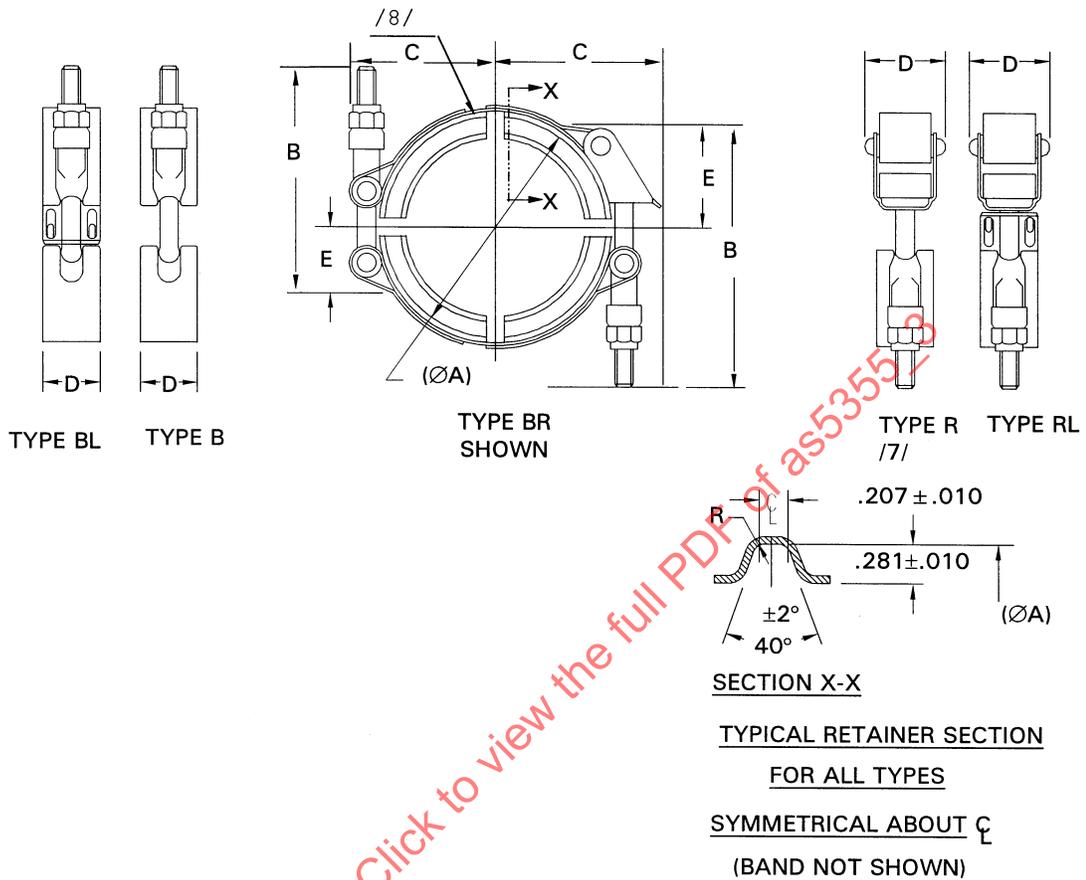


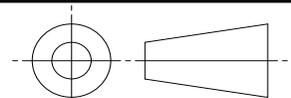
FIGURE 1 - V-BAND COUPLING CLAMP

TABLE 1 - DIMENSIONS

SIZE CODE RANGE /4/	B MAX	B MAX BL	B MAX R	B MAX RL	D MAX B	D MAX BL	D MAX R	D MAX RL	E MAX B/BL	E MAX R/RL	BOLT DIA	R ±.020
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

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS5355/3>

THIRD ANGLE PROJECTION



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 1200 °F)

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TABLE 2 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS5355/3 SIZE CODE	FLANGE OD MS24563 FIGURE 2A	AXIAL LOAD RATING (LBF)	(A) +0.3 -0.6	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	10 670	1.88	1.75	1.85	60	.39	.44	.43	.48
02	1.88	10 705	2.00	1.80	1.90	60	.40	.45	.44	.49
03	2.00	10 745	2.12	1.85	1.95	60	.41	.46	.45	.50
04	2.12	10 780	2.25	1.90	2.00	65	.42	.47	.46	.51
05	2.25	10 820	2.38	2.00	2.10	65	.43	.48	.47	.52
06	2.38	10 855	2.50	2.05	2.15	65	.43	.48	.47	.52
07	2.50	10 890	2.62	2.10	2.20	65	.44	.49	.48	.53
08	2.62	10 930	2.75	2.20	2.30	65	.45	.50	.49	.54
09	2.75	10 970	2.88	2.25	2.35	65	.46	.51	.50	.55
10	2.88	16 750	3.00	2.45	2.50	120	.82	.92	.90	1.00
11	3.00	16 850	3.12	2.50	2.60	120	.84	.94	.92	1.02
12	3.12	17 000	3.25	2.60	2.65	125	.86	.96	.94	1.04
13	3.25	17 150	3.38	2.65	2.70	125	.88	.98	.96	1.06
14	3.50	17 300	3.62	2.75	2.85	125	.90	1.00	.98	1.08
15	3.75	17 600	3.88	2.90	2.95	125	.95	1.05	1.03	1.13
16	4.00	17 800	4.12	3.00	3.10	130	.99	1.09	1.07	1.17
17	4.25	18 100	4.38	3.15	3.20	130	1.03	1.13	1.11	1.21
18	4.75	18 600	4.88	3.40	3.45	135	1.10	1.20	1.18	1.28
19	5.25	19 050	5.38	3.65	3.70	135	1.18	1.28	1.26	1.36
20	5.75	19 500	5.88	3.90	3.95	140	1.25	1.35	1.33	1.43
21	6.25	20 000	6.38	4.15	4.20	145	1.67	1.82	1.75	1.90
22	6.75	20 600	6.88	4.40	4.45	150	1.75	1.90	1.83	1.98
23	7.25	21 000	7.38	4.65	4.70	150	1.82	1.97	1.90	2.05
24	7.75	21 650	7.88	4.90	4.95	155	1.91	2.06	1.99	2.14
25	8.25	22 000	8.38	5.15	5.20	160	1.99	2.14	2.07	2.22
26	8.75	22 700	8.88	5.40	5.45	165	2.07	2.22	2.15	2.30
27	9.25	23 250	9.38	5.65	5.70	170	2.15	2.30	2.23	2.38
28	9.75	23 800	9.88	5.90	5.95	170	2.22	2.39	2.30	2.45
29	10.25	24 300	10.38	6.15	6.20	175	2.31	2.46	2.39	2.54
30	10.75	24 850	10.88	6.40	6.45	180	2.39	2.54	2.47	2.62
31	11.25	25 350	11.38	6.65	6.70	185	2.47	2.62	2.55	2.70
32	11.75	25 900	11.88	6.90	6.95	185	2.55	2.70	2.63	2.78
33	12.25	26 450	12.38	7.15	7.20	190	2.62	2.77	2.70	2.88
34	12.75	27 000	12.88	7.40	7.45	195	2.71	2.89	2.79	2.94
35	13.25	27 500	13.38	7.65	7.70	200	2.79	2.94	2.87	3.02
36	13.75	28 050	13.88	7.90	7.95	205	2.87	3.02	2.95	3.10
37	14.25	28 550	14.38	8.15	8.20	205	2.94	3.09	3.02	3.17


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