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REV.
B

AS5355™/3

FEDERAL SUPPLY CLASS
5340

RATIONALE

THIS REVISION CORRECTS THE LOCATION OF THE "B" DIMENSION AND REVISED TABLE 1.

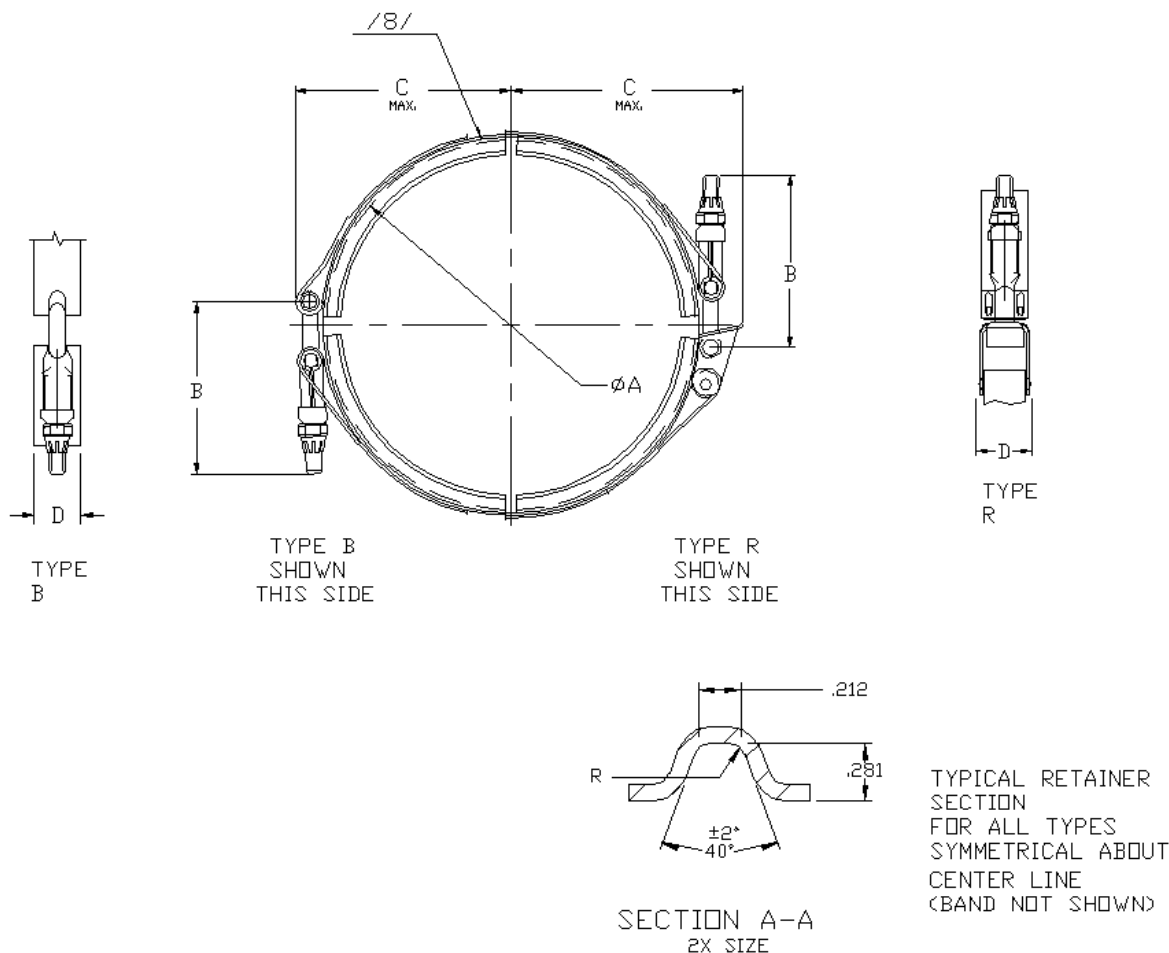


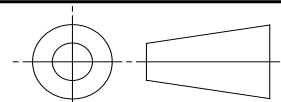
FIGURE 1 - V-BAND COUPLING CLAMP

TABLE 1 - DIMENSIONS

SIZE CODE RANGE /4/	B MAX B	B MAX R	D MAX B	D MAX R	BOLT DIA	R ±.020
01-09	2.78	2.78	.750	1.10	.250	.055
10-21	3.03	3.03	.875	1.25	.312	.063
22-37	3.53	3.53	.875	1.25	.312	.063

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

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

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



AEROSPACE STANDARD

COUPLINGS, CLAMP, GROOVED, V-BAND,
1.75 TO 14.25 FLANGE OD
(-65 TO 1200 °F)

AS5355™/3
SHEET 1 OF 3

REV.
B

TABLE 2 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS5355/3 SIZE CODE	FLANGE OD AS24563 TYPE 2	AXIAL LOAD RATING (LBF)	A +0.03 -0.06	C MAX B	C MAX R	RATING NUT TORQUE (LBF-IN)	LB/EA MAX B	LB/EA MAX R
01	1.75	10670	1.88	1.75	1.85	60	.39	.43
02	1.88	10705	2.00	1.80	1.90	60	.40	.44
03	2.00	10745	2.12	1.85	1.95	60	.41	.45
04	2.12	10780	2.25	1.90	2.00	65	.42	.46
05	2.25	10820	2.38	2.00	2.10	65	.43	.47
06	2.38	10855	2.50	2.05	2.15	65	.43	.47
07	2.50	10890	2.62	2.10	2.20	65	.44	.48
08	2.62	10930	2.75	2.20	2.30	65	.45	.49
09	2.75	10970	2.88	2.25	2.35	65	.46	.50
10	2.88	16750	3.00	2.45	2.50	120	.82	.90
11	3.00	16850	3.12	2.50	2.60	120	.84	.92
12	3.12	17000	3.25	2.60	2.65	125	.86	.94
13	3.25	17150	3.38	2.65	2.70	125	.88	.96
14	3.50	17300	3.62	2.75	2.85	125	.90	.98
15	3.75	17600	3.88	2.90	2.95	125	.95	1.03
16	4.00	17800	4.12	3.00	3.10	130	.99	1.07
17	4.25	18100	4.38	3.15	3.20	130	1.03	1.11
18	4.75	18600	4.88	3.40	3.45	135	1.10	1.18
19	5.25	19050	5.38	3.65	3.70	135	1.18	1.26
20	5.75	19500	5.88	3.90	3.95	140	1.25	1.33
21	6.25	20000	6.38	4.15	4.20	145	1.67	1.75
22	6.75	20600	6.88	4.40	4.45	150	1.75	1.83
23	7.25	21000	7.38	4.65	4.70	150	1.82	1.90
24	7.75	21650	7.88	4.90	4.95	155	1.91	1.99
25	8.25	22000	8.38	5.15	5.20	160	1.99	2.07
26	8.75	22700	8.88	5.40	5.45	165	2.07	2.15
27	9.25	23250	9.38	5.65	5.70	170	2.15	2.23
28	9.75	23800	9.88	5.90	5.95	170	2.22	2.30
29	10.25	24300	10.38	6.15	6.20	175	2.31	2.39
30	10.75	24850	10.88	6.40	6.45	180	2.39	2.47
31	11.25	25350	11.38	6.65	6.70	185	2.47	2.55
32	11.75	25900	11.88	6.90	6.95	185	2.55	2.63
33	12.25	26450	12.38	7.15	7.20	190	2.62	2.70
34	12.75	27000	12.88	7.40	7.45	195	2.71	2.79
35	13.25	27500	13.38	7.65	7.70	200	2.79	2.87
36	13.75	28050	13.88	7.90	7.95	205	2.87	2.95
37	14.25	28550	14.38	8.15	8.20	205	2.94	3.02

NOTES

- /1/ MATERIAL: A-286 STAINLESS STEEL PER PROCUREMENT SPECIFICATION AS5355.
- /2/ FINISH: PASSIVATE STAINLESS STEEL PER ASTM A967 OR AMS2700.
- /3/ QUALIFICATION: PRODUCT SUPPLIED TO THIS SPECIFICATION SHALL BE MANUFACTURED BY AN ACCREDITED MANUFACTURER LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED PRODUCTS LIST (QPL), PRI-QPL-AS5355 FOR THIS STANDARD. SEE www.eAuditNet.com FOR CURRENT QPL ON-LINE.

	AEROSPACE STANDARD	AS5355™/3 SHEET 2 OF 3	REV. B
	COUPLINGS, CLAMP, GROOVED, V-BAND, 1.75 TO 14.25 FLANGE OD (-65 TO 1200 °F)		



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