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REV.
B

AS5355™/2

FEDERAL SUPPLY CLASS
5340

RATIONALE

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

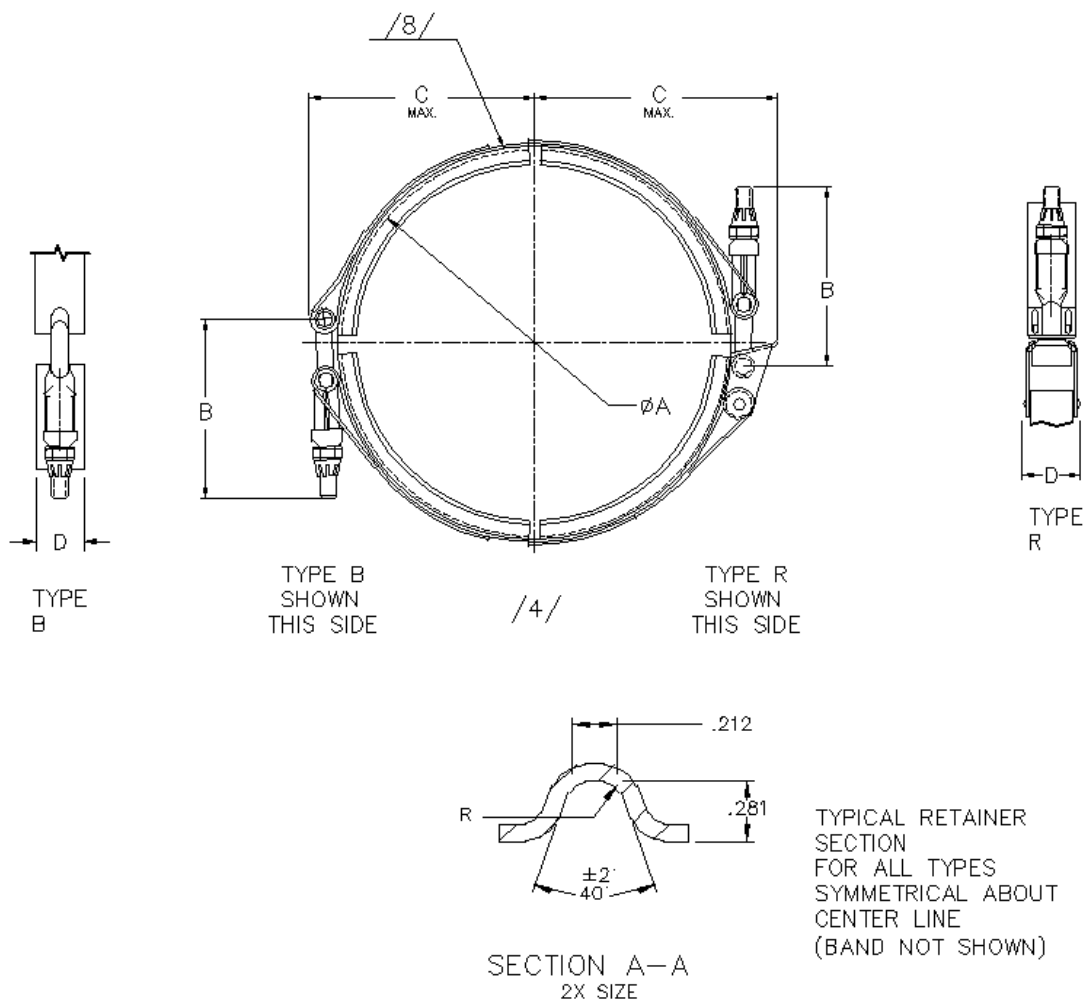
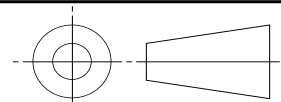


FIGURE 1 - V-BAND COUPLING CLAMP

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

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



AEROSPACE STANDARD

COUPLINGS, CLAMP, GROOVED, V-BAND,
1.75 TO 6.25 FLANGE OD
(-65 TO 250 °F)

AS5355™/2
SHEET 1 OF 3

REV.
B

TABLE 1 - DIMENSIONS

SIZE CODE RANGE	B MAX TYPE B	B MAX TYPE R	D MAX TYPE B	D MAX TYPE R	BOLT DIA
01-13	2.78	2.78	.80	1.10	.250
14-21	3.03	3.03	.80	1.10	.250

TABLE 2 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS5355/2 SIZE CODE	FLANGE OD AS24563 TYPE 2	AXIAL LOAD RATING (LBF)	(A) +.03 -.06	C MAX TYPE B	C MAX TYPE R	RATING TORQUE (LBF-IN)	LB/EA MAX TYPE B	LB/EA MAX TYPE R
01	1.75	5995	1.88	1.75	1.85	35	.23	.27
02	1.88	6030	2.00	1.80	1.90	35	.24	.28
03	2.00	6060	2.12	1.85	1.95	35	.25	.29
04	2.12	6090	2.25	1.90	2.00	35	.26	.30
05	2.25	6120	2.38	2.00	2.10	35	.27	.31
06	2.38	6155	2.50	2.05	2.15	35	.27	.31
07	2.50	6185	2.62	2.10	2.20	35	.28	.32
08	2.62	6220	2.75	2.20	2.30	35	.29	.33
09	2.75	6250	2.88	2.25	2.35	35	.30	.34
10	2.88	6280	3.00	2.30	2.40	35	.30	.34
11	3.00	6310	3.12	2.35	2.45	35	.31	.35
12	3.12	6345	3.25	2.40	2.50	35	.32	.36
13	3.25	6375	3.38	2.50	2.60	35	.33	.37
14	3.50	6440	3.62	2.60	2.70	35	.35	.39
15	3.75	6505	3.88	2.75	2.85	35	.37	.41
16	4.00	6565	4.12	2.85	2.95	40	.38	.42
17	4.25	6630	4.38	3.00	3.10	40	.40	.44
18	4.75	6755	4.88	3.25	3.35	40	.43	.47
19	5.25	6880	5.38	3.50	3.60	40	.46	.50
20	5.75	7050	5.88	3.75	3.85	40	.50	.54
21	6.25	7135	6.38	4.00	4.10	40	.53	.57

NOTES

- /1/ MATERIAL: 300 SERIES 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.
4. LATCH ELEMENTS ARE OPTIONAL WITHIN ENVELOPES SHOWN.
5. ENVELOPE DIMENSIONS APPLY WHEN THE COUPLING IS IN THE TIGHTENED CONDITION AT THE MAXIMUM AND MINIMUM POSITIONS OF ITS DIAMETRICAL RANGE.
- /6/ QUICK RELEASE LATCH COUPLING SHALL CONTAIN ONLY ONE QUICK RELEASE LATCH. THE NUMBER OF RETAINERS PER COUPLING AND THEIR POSITION IS DEPENDENT ON THE SIZE OF THE COUPLING AND THE LATCH CONFIGURATION.
- /7/ MARKING: BY ELECTROCHEMICAL ETCHING PER AS478-7A2 OR LASER MARKING PER AS478-15A2. THE COUPLING SHALL BE MARKED WITH SUPPLIER IDENTIFICATION AND AS5355/2-XX PART NUMBER PER AS5355.
8. OPERATING TEMPERATURE: -65 TO 250 °F.

	AEROSPACE STANDARD	AS5355™/2 SHEET 2 OF 3	REV. B 
	COUPLINGS, CLAMP, GROOVED, V-BAND, 1.75 TO 6.25 FLANGE OD (-65 TO 250 °F)		

