

REV.
A

AS5355™/2

RATIONALE

TO CORRECT TABLE 1 AND TABLE 2 DIMENSIONS THAT ARE IN CONFLICT WITH MANUFACTURER PART DRAWINGS THAT ARE USED IN FABRICATION AND THAT HAVE BEEN QUALIFICATION TESTED; TO RESOLVE A PASSIVATION ISSUE, ADD PRI/QPL REQUIREMENT; AND TO ELIMINATE VERSIONS THAT ARE NOT PRODUCED ANY MORE.

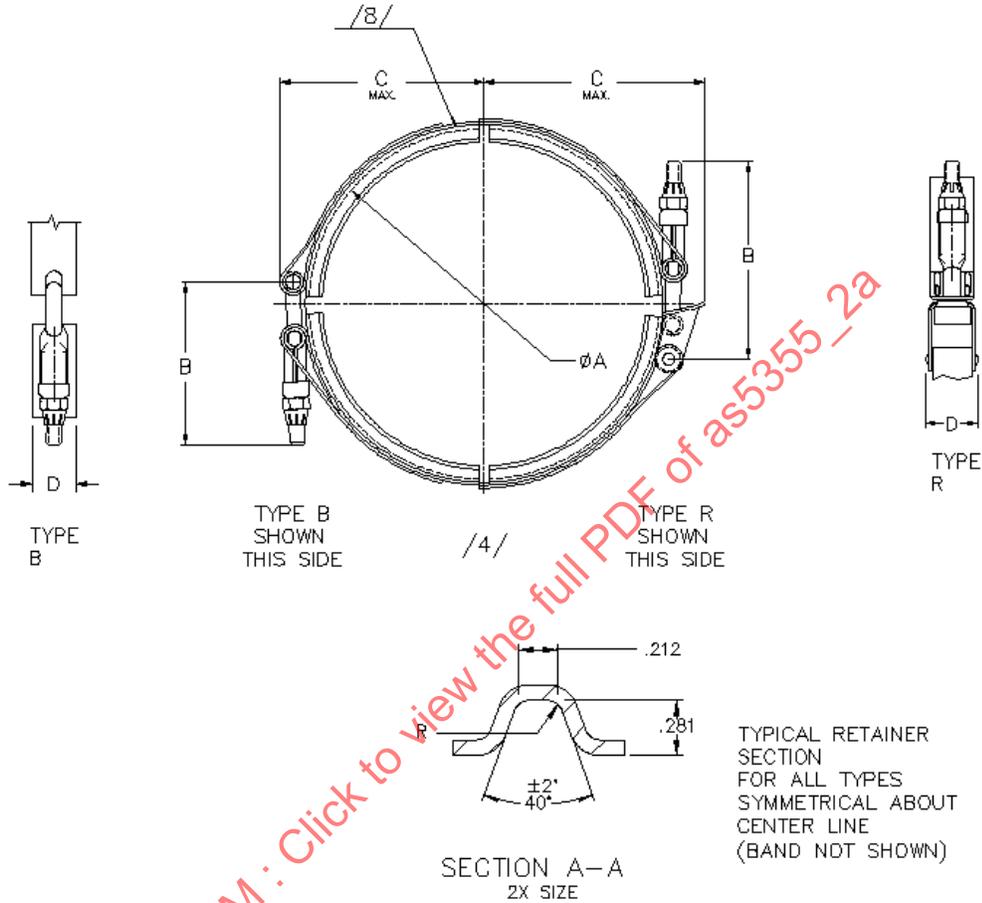


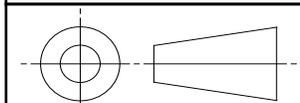
FIGURE 1 - V-BAND COUPLING CLAMP

TABLE 1 - DIMENSIONS

SIZE CODE RANGE	B MAX B	B MAX R	D MAX B	D MAX R	BOLT DIA
01 - 21	3.15	3.20	.80	1.10	.250

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

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



AEROSPACE STANDARD

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

AS5355™/2
SHEET 1 OF 3

REV.
A

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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 B	C MAX R	RATING TORQUE (LBF-IN)	LB/EA, MAX B	LB/EA, MAX R
01	1.75	5,995	1.88	1.75	1.85	35	.23	.27
02	1.88	6,030	2.00	1.80	1.90	35	.24	.28
03	2.00	6,060	2.12	1.85	1.95	35	.25	.29
04	2.12	6,090	2.25	1.90	2.00	35	.26	.30
05	2.25	6,120	2.38	2.00	2.10	35	.27	.31
06	2.38	6,155	2.50	2.05	2.15	35	.27	.31
07	2.50	6,185	2.62	2.10	2.20	35	.28	.32
08	2.62	6,220	2.75	2.20	2.30	35	.29	.33
09	2.75	6,250	2.88	2.25	2.35	35	.30	.34
10	2.88	6,280	3.00	2.30	2.40	35	.30	.34
11	3.00	6,310	3.12	2.35	2.45	35	.31	.35
12	3.12	6,345	3.25	2.40	2.50	35	.32	.36
13	3.25	6,375	3.38	2.50	2.60	35	.33	.37
14	3.50	6,440	3.62	2.60	2.70	35	.35	.39
15	3.75	6,505	3.88	2.75	2.85	35	.37	.41
16	4.00	6,565	4.12	2.85	2.95	40	.38	.42
17	4.25	6,630	4.38	3.00	3.10	40	.40	.44
18	4.75	6,755	4.88	3.25	3.35	40	.43	.47
19	5.25	6,880	5.38	3.50	3.60	40	.46	.50
20	5.75	7,050	5.88	3.75	3.85	40	.50	.54
21	6.25	7,135	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.
- 9. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
- 10. DIMENSIONING AND TOLERANCING: ASME Y14.5M-1994.

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