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REV.
A

AS6369™/1

FEDERAL SUPPLY CLASS
5340

RATIONALE

CHANGE A DIMENSION TO INCREASE THE FLANGE-TO-COUPLING GAP FROM .014 INCH TO .028 INCH, PLUS ADDITIONAL ERRORS.

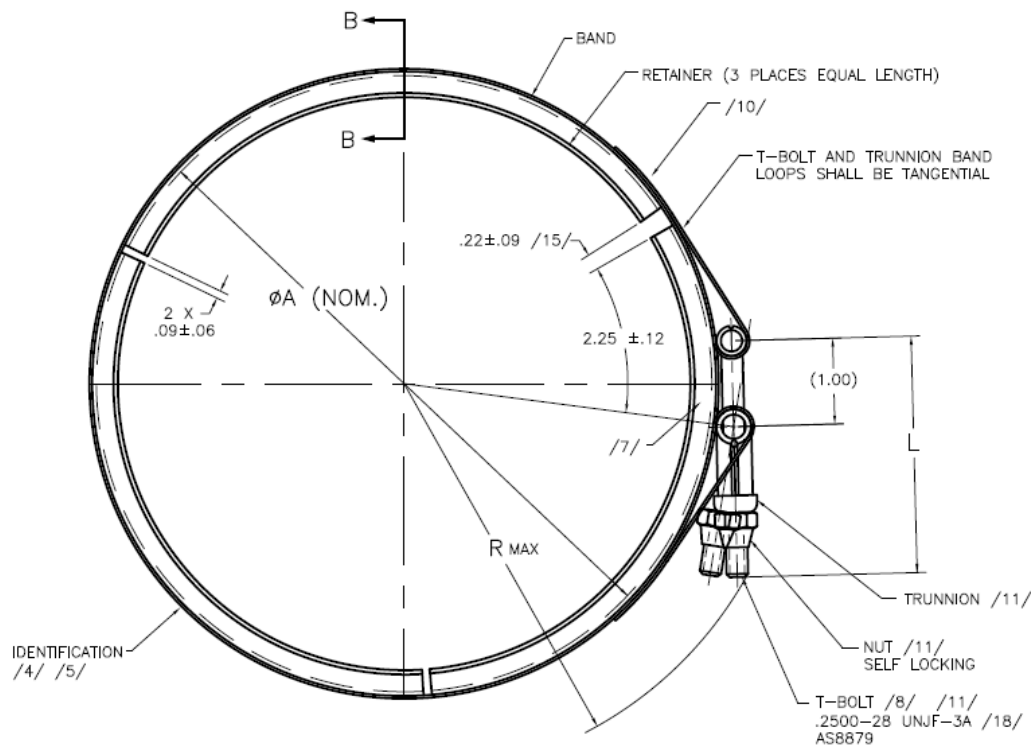


FIGURE 1 - V-BAND COUPLING

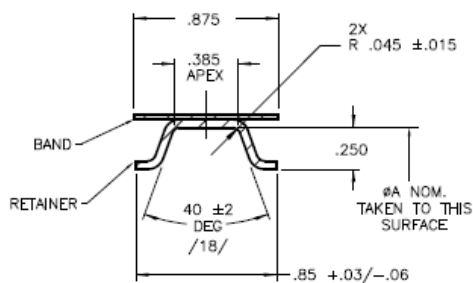
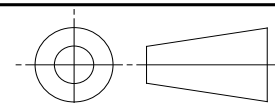


FIGURE 2 - SECTION B-B

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: AS6369 /2/, /3/



AEROSPACE STANDARD

(R) COUPLING, SHEET METAL,
40° V-BAND, WIDE,
STANDARD LATCH

AS6369™/1
SHEET 1 OF 3

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Documents

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS6369/1 /20/ SIZE CODE	NOMINAL TUBE OD	A NOMINAL DIA	WEIGHT (REF) LB/EA	NUT TORQUE LB-IN	L ±.12	R MAX
100	1.000	1.608	.23	40	2.25	2.32
125	1.250	1.858	.25	40	2.25	2.40
150	1.500	2.178	.27	40	2.25	2.48
175	1.750	2.428	.29	40	2.25	2.56
200	2.000	2.678	.31	45	2.25	2.64
225	2.250	2.942	.33	45	2.25	2.73
250	2.500	3.192	.35	45	2.50	3.00
275	2.750	3.442	.37	45	2.50	3.10
300	3.000	3.692	.40	50	2.50	3.18
350	3.500	4.197	.44	50	2.50	3.37
400	4.000	4.697	.48	50	2.50	3.57
450	4.500	5.197	.52	50	2.50	3.77
500	5.000	5.697	.56	55	2.50	3.97
550	5.500	6.197	.60	55	2.75	4.32
600	6.000	6.697	.64	55	2.75	4.53
650	6.500	7.197	.68	65	3.00	4.85
700	7.000	7.697	.72	65	3.00	5.07
750	7.500	8.197	.76	65	3.00	5.28
800	8.000	8.697	.80	65	3.00	5.51
850	8.500	9.197	.85	65	3.00	5.73
900	9.000	9.697	.90	65	3.00	5.95
1000	10.000	10.697	1.00	65	3.00	6.41

NOTES:

1. MATERIAL:

- a. BAND 301 1/2H, CRES PER AMS5518
- b. RETAINER – 301 ANNEALED CRES PER AMS5901, 301 1/4H CRES PER AMS5517 OR 302 ANNEALED CRES PER AMS5516, FINAL CONDITION AFTER FORMING 1/2H
- c. TRUNNION – 301 ANNEALED CRES PER AMS5901, 302 ANNEALED CRES PER AMS5516, 304 ANNEALED CRES PER AMS5513, OR A286 CRES AMS5525
- d. T-BOLT – A286 CRES PER AMS5732 OR AMS5737
- e. NUT – A286 CRES SELF LOCKING PER NASM25027 OR NASM7873

/2/ THIS COUPLING WHEN MATED WITH FLANGES CONFORMING TO AS6369/2-XXX OR ONE AS6369/2-XXX AND ONE FLANGE PER AS6369/3-XXX, SHALL MEET THE REQUIREMENTS OF SPECIFICATION AS6369.

/3/ QUALIFICATION: PARTS SHALL BE QUALIFIED IN A COMPLETE COUPLING ASSEMBLY IN ACCORDANCE WITH PROCUREMENT SPECIFICATION AS6369. USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL(S) BY STANDARD PAGE SUPPLEMENT OR SIMILAR MEANS.

/4/ IDENTIFICATION: THE COUPLING SHALL BE MARKED WITH THE FOLLOWING MINIMUM INFORMATION PER AS478-7A2.

- a. AS PART NUMBER
- b. MANUFACTURER'S NAME, CAGE CODE, OR TRADEMARK
- c. DATE OF MANUFACTURE

/5/ TORQUE MARKING SHALL BE PERMANENTLY MARKED IN .12 INCH MINIMUM HIGH CHARACTERS LOCATED AS SHOWN PER AS478-7A2.

TORQUE TO XX ±5 LB-IN (SEE TABLE 1 FOR TORQUE VALUES)

	AEROSPACE STANDARD	AS6369™/1 SHEET 2 OF 3	REV. A
	(R) COUPLING, SHEET METAL, 40° V-BAND, WIDE, STANDARD LATCH		

 Documents