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AS4329

RATIONALE

FEDERAL SUPPLY CLASS
4730

AS4329 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

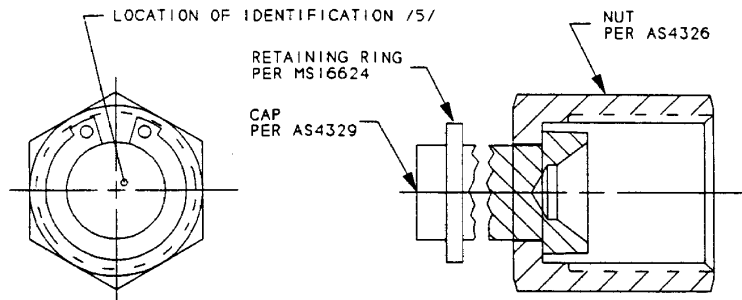


FIGURE 1 - CAP ASSEMBLY, BASIC

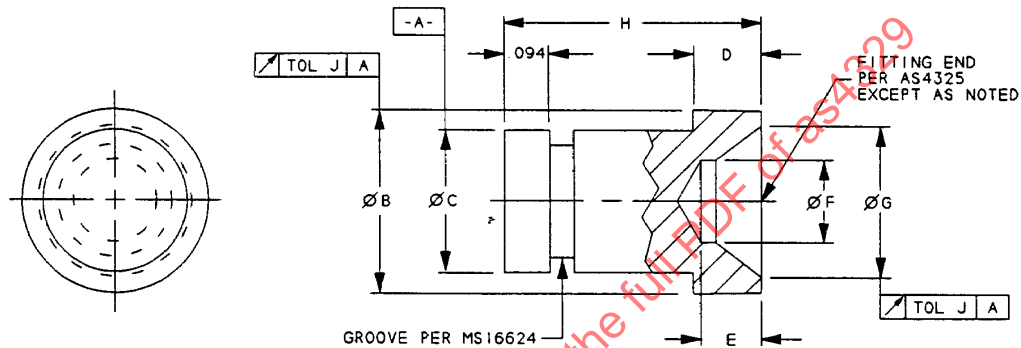


FIGURE 2 - CAP DETAIL

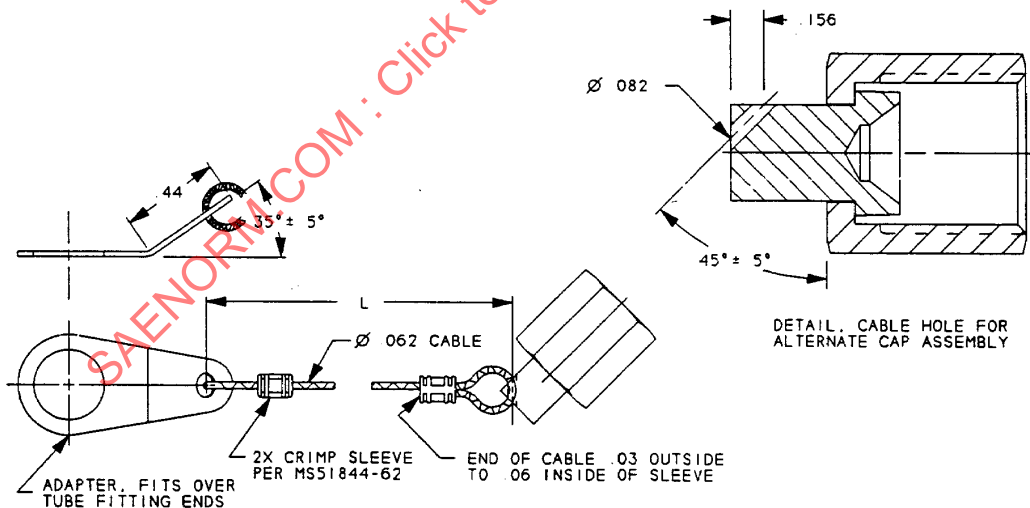
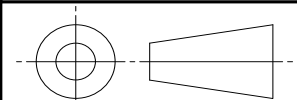


FIGURE 3 - ALTERNATE CAP ASSEMBLY

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<http://www.sae.org/technical/standards/AS4329>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ KSC-F-124



AEROSPACE STANDARD

CAP ASSEMBLY, PRESSURE
SEAL, FLARED TUBE FITTING

AS4329
SHEET 1 OF 3

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ISSUED 1993-08 REAFFIRMED 2015-04

TABLE 1 - DIMENSIONS

BASIC NUMBER AS4329 /14/ SIZE CODE	TUBE OD	B		C		D	E	F	G	H	J	L ±.25
		+.000	-.003	+.000	-.003							
04	.250	.383	.297	.203	.125	.172	.315	.531	.005	7.00		
06	.375	.502	.432	.266	.156	.297	.441	.625	.005	7.00		
08	.500	.682	.562	.313	.172	.391	.589	.750	.005	7.00		
10	.625	.797	.690	.281	.250	.438	.705	.750	.005	7.00		
12	.750	.972	.826	.281	.313	.563	.880	.875	.005	7.00		
16	1.000	1.222	1.081	.297	.313	.813	1.130	.875	.010	7.00		
20	1.250	1.534	1.339	.375	.313	1.078	1.412	1.000	.010	9.00		
24	1.500	1.784	1.609	.406	.375	1.313	1.630	1.125	.010	9.00		
28	1.750	2.159	1.882	.500	.375	1.547	1.945	1.375	.010	11.00		
32	2.000	2.409	2.159	.578	.500	1.781	2.195	1.438	.010	11.00		

TABLE 2 - WEIGHTS

BASIC NUMBER			BASIC NUMBER		
AS4329	LB/EA	LB/EA	AS4329	LB/EA	LB/EA
/14/	MAX	MAX	/14/	MAX	MAX
SIZE CODE	ALUM	CRES	SIZE CODE	ALUM	CRES
04	.0146	.0404	04A	.0302	.0599
06	.0258	.0714	06A	.0414	.0909
08	.0467	.129	08A	.0623	.155
10	.0662	.183	10A	.0825	.212
12	.114	.316	12A	.131	.345
16	.169	.468	16A	.186	.497
20	.352	.977	20A	.371	1.009
24	.500	1.390	24A	.522	1.428
28	.786	2.180	28A	.812	2.220
32	.948	2.630	32A	.974	2.671

TABLE 3 - MS16624 RETAINING RING DASH NUMBERS

BASIC NUMBER			BASIC NUMBER		
AS4329	TUBE	MS16624	AS4329	TUBE	MS16624
/14/	OD	DASH	/14/	OD	DASH
SIZE CODE	OD	NUMBER	SIZE CODE	OD	NUMBER
04	.250	-4028	16	1.000	-4106
06	.375	-4043	20	1.250	-4131
08	.500	-4056	24	1.500	-4162
10	.625	-4068	28	1.750	-4187
12	.750	-4081	32	2.000	-4215



AEROSPACE STANDARD

CAP ASSEMBLY, PRESSURE
SEAL, FLARED TUBE FITTINGAS4329
SHEET 2 OF 3