

RATIONALE

THIS DETAIL SPECIFICATION SHEET IS WRITTEN TO PERMIT THE CANCELLATION AND SUPERSESSION OF MIL-C-81511/17 WITH THIS DOCUMENT.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81511.

AS81511/17

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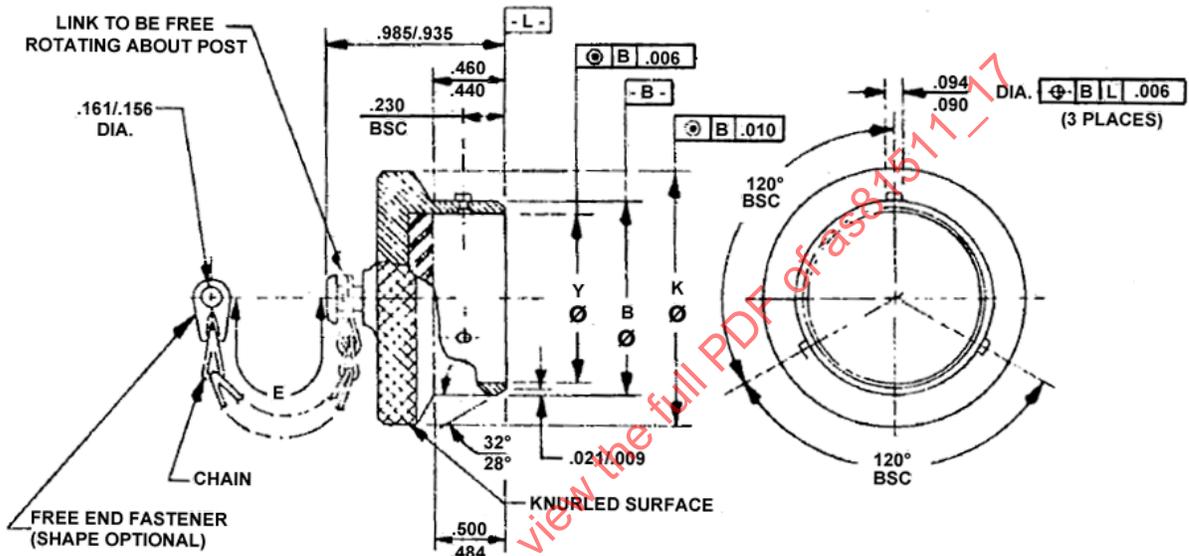
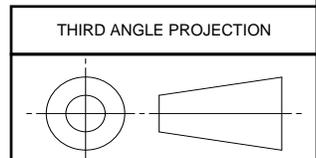


FIGURE 1 - PROTECTIVE COVER, PLUG

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CUSTODIAN: AE-8/AE-8C1		PROCUREMENT SPECIFICATION: AS81511	
	AEROSPACE STANDARD		AS81511/17 SHEET 1 OF 3
	ACCESSORY, COVER, PROTECTIVE, PLUG CONNECTOR, ELECTRICAL, CIRCULAR, HIGH DENSITY, QUICK DISCONNECT, ENVIRONMENT RESISTING (SERIES 2)		

ISSUED 2014-10

TABLE 1 - FIGURE 1 METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.006	0.15	.094	2.39	.460	11.68
.009	0.23	.156	3.96	.484	12.29
.010	0.25	.161	4.09	.500	12.70
.021	0.53	.230	5.84	.935	23.75
.090	2.29	.440	11.18	.985	25.02

TABLE 2 - FIGURE 1 DIMENSIONS/CONFIGURATION

PART NUMBER	SHELL SIZE	B DIA.	K DIA.	Y DIA.	APPROX. WEIGHT (LB)	E ± ONE LINK
M81511/17-08	8	.553 (14.05)	.845 (21.46)	.472 (11.99)	.018	3.0 (76.20)
		.547 (13.89)	.830 (21.08)	.463 (11.76)		
		.678 (17.22)	.970 (24.64)	.577 (14.66)		
M81511/17-10	10	.672 (17.07)	.955 (24.26)	.569 (14.45)	.024	3.0 (76.20)
		.928 (23.57)	1.220 (30.99)	.827 (21.01)		
		.922 (23.42)	1.205 (30.61)	.819 (20.80)		
M81511/17-14	14	1.054 (26.77)	1.345 (34.16)	.953 (24.21)	.038	3.5 (88.90)
		1.048 (26.62)	1.330 (33.78)	.945 (24.00)		
		1.178 (29.92)	1.470 (37.34)	1.077 (27.36)		
M81511/17-16	16	1.172 (29.77)	1.455 (36.96)	1.069 (27.15)	.044	3.5 (88.90)
		1.048 (26.62)	1.330 (33.78)	.945 (24.00)		
		1.178 (29.92)	1.470 (37.34)	1.077 (27.36)		
M81511/17-18	18	1.172 (29.77)	1.455 (36.96)	1.069 (27.15)	.052	3.5 (88.90)

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81511.

1. DESIGN:

PROTECTIVE COVERS SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1 AND TABLE 2. DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED ON 1 INCH = 25.4 MM. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ±.016 INCHES. THIS COVER MATES WITH AS 81511/6 CONNECTORS.

2. MATERIAL/PLATING:

BODY - ALUMINUM BASE MATERIAL IN ACCORDANCE WITH AS81511 PLATED IN ACCORDANCE WITH AMS-QQ-P-416, TYPE II, CLASS 3. A PRELIMINARY PLATING OF ANOTHER METAL IS PERMISSIBLE. THE RESULTING FINISH SHALL BE OLIVE DRAB (LIGHT TO DARK - 500 HOUR CORROSION).

CHAIN - STAINLESS STEEL SASH CHAIN PER RR-C-271, TYPE II, CLASS 3, GRADE B, PASSIVATED.

CHAIN END FASTENERS - COMMERCIAL GRADE OF STAINLESS STEEL, PASSIVATED.

INSERT - SILICONE RUBBER IN ACCORDANCE WITH AS81511.

APPLICATION NOTES:

- AS81511 CONNECTORS AND ACCESSORIES ARE NOT RECOMMENDED FOR NEW DESIGN.

	AEROSPACE STANDARD ACCESSORY, COVER, PROTECTIVE, PLUG CONNECTOR, ELECTRICAL, CIRCULAR, HIGH DENSITY, QUICK DISCONNECT, ENVIRONMENT RESISTING (SERIES 2)	AS81511/17 SHEET 2 OF 3	