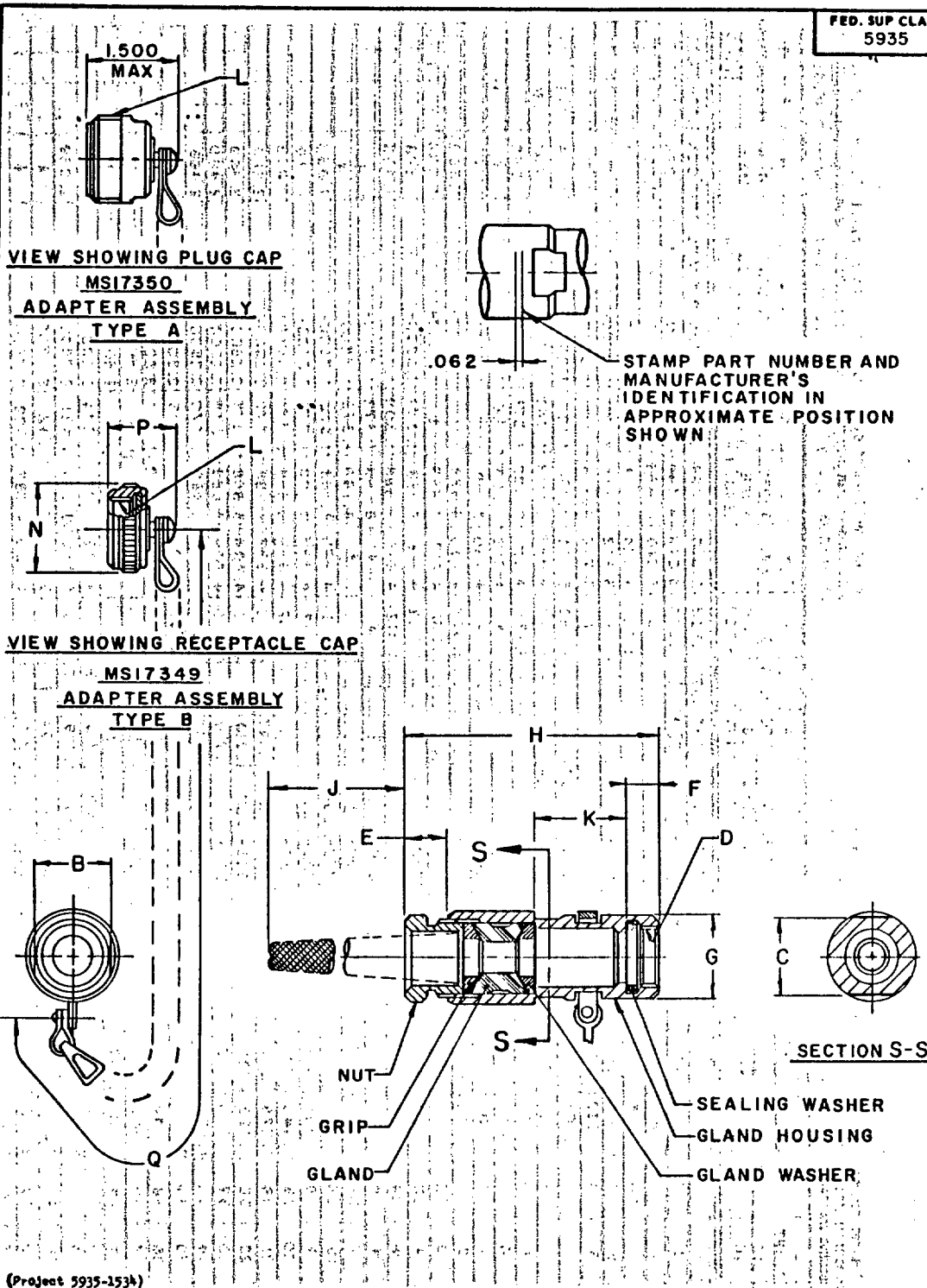


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 AF + II, 17, 85 14, 19 Army + EL, MI @ AV Navy + SH, AS, OS @ MC, CG

This military standard has been approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.



(Project 5935-1534)

P.A. SH Other Code EL AF-II	TITLE ADAPTER, (STEP UP) CABLE SEALING & GRIPPING	MILITARY STANDARD MS90569
PROCUREMENT SPECIFICATION MIL-C-22992	SUPERSEDES:	SHEET 1 OF 3

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 25 May 1967 REVISED

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ADAPT		CABLE RANGE		B		C		D		E		F		G		H		J		K		L		N		P		Q					
SIZE	NO.	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX			
1	12	.530	.436	1.000	.812	.7500-20UNEF	.597	.479	.938	3.810	4.688	1.219	.8750-0.1P-0.2L-DS	1.094	.765	5.00																	
2	12	.500	.406	.875	.938	.7500-	.539		.938	3.248	4.344	.871	.8750-	1.094																			
3	12	.405	.316	1.000	.812	.7500-	.597		.938	3.810	4.688	1.219	.8750-	1.094																			
4	14	.625	.560	1.062	1.125	.8750-			1.062	4.024	6.188	1.371	1.0000-	1.219																			
5	14	.605	.511	1.000	1.062	.8750-				3.712	5.138	1.121	1.0000-																				
6	14	.530	.436	1.000	1.062	.8750-				3.712	4.688	1.121	1.0000-																				
7	14	.405	.316	1.000	1.062	.8750-20UNEF				3.712	3.688	1.121	1.0000-	1.219	.765																		
8	18	.828	.715	1.125	1.250	1.250-18UNEF				4.087	6.688	1.343	1.2500-	1.469	.980																		
9	20	1.055	.930	1.500	1.375	1.2500-				4.212	7.688	1.371	1.3750-	1.562																			
10	20	1.000	.875	1.500		1.2500-				4.212	7.188		1.3750-	1.562																			
11	20	.900	.787	1.250		1.2500-				4.150	7.188		1.3750-	1.562																			
12	20	.750	.637	1.250	1.375	1.2500-				4.150	7.188		1.3750-	1.562																			
13	22	1.109	.984	1.500	1.625	1.3750-				4.212	7.188	1.371	1.5000-	1.688																			
14	22	1.000	.875	1.500	1.625	1.3750-				4.212	7.688	1.371	1.5000-	1.688																			
15	24	1.375	1.250	2.000	1.875	1.6250-				4.275	9.688	1.309	1.7500-	1.938																			
16	24	1.310	1.185	1.750		1.6250-					8.688	1.372	1.7500-	1.938																			
17	24	1.230	1.105	1.750		1.6250-					8.188	1.372	1.7500-	1.938																			
18	24	1.180	1.055	1.750	1.875	1.6250-18UNEF				4.275	8.188	1.372	1.7500-	1.938																			
19	28	1.531	1.406	2.000	2.062	1.8750-16UN				4.337	10.688	1.371	2.0000-	2.219																			
20	28	1.445	1.320	2.000	2.062	1.8750-16UN				4.337	9.688	1.371	2.0000-	2.219																			
21	28	1.375	1.250	2.000	2.062	1.8750-16UN				4.337	9.688	1.371	2.0000-	2.219																			
22	32	1.825	1.700	2.438	2.312	2.0625-16UN				4.337	9.688	1.371	2.0000-	2.219																			
23	32	1.730	1.605	2.438	2.312	2.0625-				4.704	13.688	1.375	2.2500-	2.469																			
24	32	1.656	1.531	2.250	2.312	2.0625-				4.399	12.688	1.370	2.2500-	2.469																			
25	36	2.062	1.917	2.750	2.500	2.3125-				4.704	14.188	1.375	2.5000-	2.719																			
26	36	1.984	1.859	2.438		2.3125-				4.673	13.638	1.344	2.5000-	2.719																			
27	36	1.900	1.775			2.3125-							2.5000-	2.719																			
28	36	1.825	1.700			2.3125-							2.5000-	2.719																			
29	36	1.730	1.605	2.438	2.500	2.3125-16UN				4.673	13.638	1.344	2.5000-	2.719																			
30	40	2.375	2.230	2.875	2.912	2.6250-16UN				5.000	17.138	1.421	2.7500-	2.969																			
31	40	2.250	2.105	2.750	2.912	2.6250-				5.000	17.138	1.421	2.7500-	2.969																			
32	40	2.145	2.000	2.750	2.912	2.6250-				4.339	14.188	1.422	2.7500-	2.969																			
33	40	2.062	1.917	2.750	2.912	2.6250-16UN				4.939	14.188	1.422	2.7500-0.1P-0.2L-DS	2.969	.980	6.00																	

FED. SUP CLASS  
5935

APPROVED 25 May 1967 REVISED

P.A. SH

Other Cast EL  
AF-II

TITLE

ADAPTER, (STEP UP)  
CABLE SEALING & GRIPPING

MILITARY STANDARD

MS 90569

PROCUREMENT SPECIFICATION  
MIL-C-22992

SUPERSEDES:

SHEET 2 OF 3

DD FORM 672-1 (Coordinated)

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FED. SUP CLASS  
5935

## REQUIREMENTS:

1. THE ADAPTERS ARE FOR USE WITH CLASS R AND C CONNECTORS SHOWN ON MS17343, MS17344, MS17345 AND MS17347.
2. ADAPTER FINISH SHALL BE DESIGNATED BY THE LETTER C (CONDUCTIVE) OR N (NON-CONDUCTIVE).
3. ADAPTER ASSY TYPE SHALL BE DESIGNATED AS A OR B. TYPE A IS FOR USE WITH CONNECTOR MS17344, TYPE B IS FOR USE WITH CONNECTORS MS17343, MS17345 AND MS17347. ADAPTER, CAP AND CHAIN IS CONSIDERED A COMPLETE ASSEMBLY.
4. PART NUMBER SHALL INCLUDE FINISH, ADAPTER SIZE NUMBER AND TYPE AS SHOWN IN EXAMPLE BELOW:

MS90569 N 2 A  
 MS NUMBER | FINISH | ADAPTER SIZE | TYPE  
 |  
 |  
 |

5. CHAIN SHALL BE PASSIVATED CORROSION RESISTANT (STAINLESS) STEEL IN ACCORDANCE WITH TYPE II, CLASS 3, TRADE NUMBER 8 OF RR-C-271 AND SHALL BE WITHIN ONE LINK OF THE LENGTH SPECIFIED HEREIN.

## NOTES:

1. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
2. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
3. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS  $\pm 0.016$ .
4. IT IS INTENDED THAT CONNECTORS AND THEIR ASSOCIATED ACCESSORIES BE OF THE SAME FINISH (SEE REQUIREMENT 4).

APPROVED 25 May 1967 REVISED

P.A. SH Other Cost EL AF-II	TITLE ADAPTER, (STEP UP) CABLE SEALING & GRIPPING	MILITARY STANDARD <b>MS90569</b>
PROCUREMENT SPECIFICATION MIL-C-22992	SUPERSEDES:	SHEET 3 OF 3

DD FORM 672-1 (Coordinated)

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