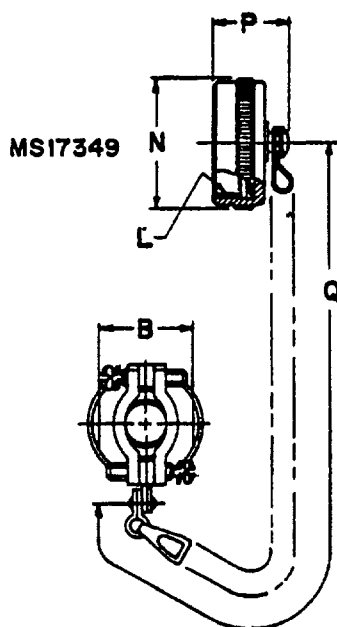
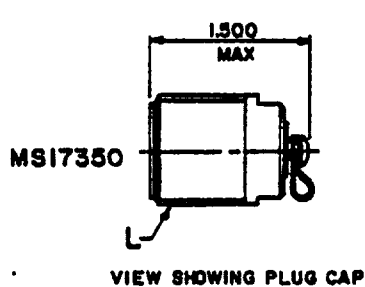
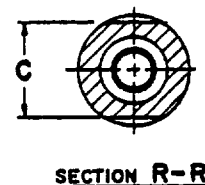
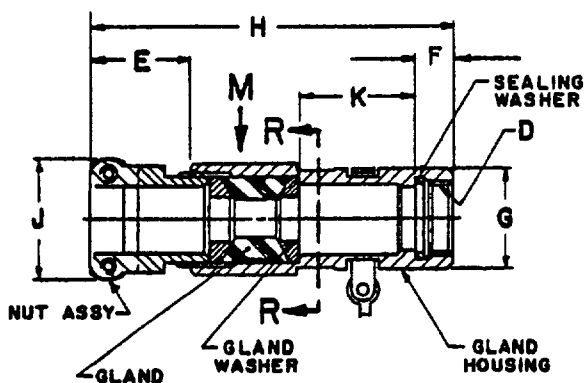
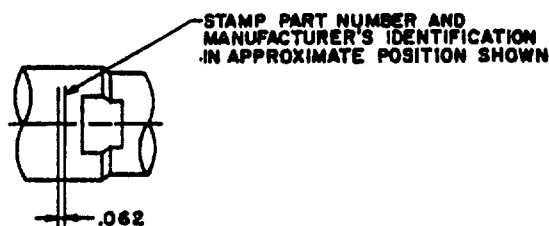


FED. SUP CLASS
5935

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. AF 14, 19+II, 17, 85 Army 14, 19+II, 17, 85 Navy 14, 19+II, 17, 85 MS 17342



STEP 1 ADAPTER



ENTIRE STANDARD REVISED

(Project 5935-1355-4)

P A. NAVY-SH Other Cust ARMY-EL AF-11	International Interest	TITLE ADAPTER, (STEP UP) CABLE SEALING	MILITARY STANDARD MS 17342
Procurement Specification MIL-C-22992	SUPERSEDES:	SHEET 1 OF 6	

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
10 APR 64

APPROVED 2 OCT 1961
REVISED (A) 1 MAY 1964 (B) 1 JUNE 1966

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FED SUP CLASS
5935

ADAPT SIZE NO	SIZE	CABLE RANGE MAX DIA MIN DIA	B + 000 + 000 - 010 - 010	C + 000 + 000 - 010 - 010	D THREAD CLASS 28-LH	E FREE LG MAX	F +0.016 -0.020	H MAX	J + 0.31 - 0.25	K + 0.15 - 0.25	L THREAD (PLATED) CLASS 2 (A OR B)	N DIA MAX	P MAX	Q SEE REQ 5
1	12	0.530 0.436	1.000 0.812	0.750 0.612	0.750-20UNEF	1.062	.479	0.938 4.275	1.375	1.219	0.875-0 IP-0 2L-DS	1.094	0.765	5.00
2	12	500 406	0.875 938	0.750 812	7500-20UNEF	0.969		938 3.678	1.125	0.871	8750-0 IP-0 2L-DS	1.094		
3	12	405 311	1.000 812	0.750 812	7500-20UNEF	1.062		938 4.275	1.375	1.219	8750-0 IP-0 2L-DS	1.094		
4	14	.605 511	1.000 1.062	0.875 1.062	8750-20UNEF			1.062 4.177	1.375	1.121	10000-0 IP-0 2L-DS	1.219		
5		625 531	1.062 1.125	1.062 1.125				4.489 1.562	1.371					
6		530 436	1.000 1.062	1.000 1.062				4.177 1.375	1.121					
7	14	.405 311	1.000 1.062	0.750 1.062	8750-20UNEF	1.062		1.062 4.177	1.375	1.121	10000-0 IP-0 2L-DS	1.219	765	
8	18	828 715	1.188 1.250	1.188 1.250	11250-18NEF	1.094		1.312 4.584	1.688	1.343	12500-0 IP-0 2L-DS	1.469	980	
9	20	750 637	1.312 1.375	1.250 1.375	12500-18NEF	1.094		1.438 4.647	1.812	1.371	13750-0 IP-0 2L-DS	1.562		
10		1.000 875	1.546 1.625	1.546 1.625		1.281		4.896 2.125						
11		0.900 787	1.312 1.375	1.312 1.375		1.094		4.647 1.812						
12	20	1.055 930	1.546 1.625	1.546 1.625	12500-18NEF	1.281		1.438 4.896	2.125		13750-0 IP-0 2L-DS	1.562	5.00	
13	22	1.000 875	1.546 1.625	1.546 1.625	13750-18NEF			1.562 4.896	2.125		15000-0 IP-0 2L-DS	1.688	6.00	
14	22	1.109 984	1.546 1.625	1.546 1.625	13750-18NEF			1.562 4.896	2.125		15000-0 IP-0 2L-DS	1.688		
15	24	1.180 1.055	1.780 1.875	1.780 1.875	16250-18NEF			1.812 4.959	2.469	1.372	17500-0 IP-0 2L-DS	1.938		
16		1.310 1.185	1.780 1.875	1.780 1.875					2.469	1.372				
17		1.230 1.105	1.780 1.875	1.780 1.875					2.469	1.372				
18	24	1.375 1.250	2.000 1.975	2.000 1.975	16250-18NEF			1.812 4.959	2.625	1.309	17500-0 IP-0 2L-DS	1.938		
19	28	1.445 1.320	2.062 2.062	2.062 2.062	18750-16UN			2.062 5.021		1.371	20000-0 IP-0 2L-DS	2.219		
20	28	1.531 1.406	2.062 2.062	2.062 2.062	18750-16UN			2.062 5.021		1.371	20000-0 IP-0 2L-DS	2.219		
21	28	1.375 1.250	2.000 2.062	2.062 2.062	18750-16UN			2.062 5.021	2.625	1.371	20000-0 IP-0 2L-DS	2.219		
22	32	1.656 1.531	2.250 2.312	2.250 2.312	20625-16N	1.281		2.312 5.083	2.953	1.370	22500-0 IP-0 2L-DS	2.469		
23		1.828 1.700	2.438 2.438	2.438 2.438		1.391		5.385 3.171	1.375					
24		1.562 1.437	2.250 2.250	2.250 2.250		1.281		5.083 2.953	1.370					
25	32	1.730 1.605	2.438 2.312	2.438 2.312	20625-16N	1.391		2.312 5.385	3.171	1.375	22500-0 IP-0 2L-DS	2.469		
26	36	1.900 1.775	2.438 2.500	2.438 2.500	23125-16N	1.391		2.562 5.354	3.171	1.344	25000-0 IP-0 2L-DS	2.719		
27	36	1.730 1.605	2.438 2.500	2.438 2.500	23125-16N	1.391	.479	2.562 5.354	3.171	1.344	25000-0 IP-0 2L-DS	2.719	.980	6.00

P A NAVY-SH

Other Cust
ARMY-EL
AF-11

Procurement Specification

MIL-C-22992

International
Interest

TITLE

ADAPTER, (STEP UP)
CABLE SEALING

SUPERSEDES

MILITARY STANDARD

MS 17342

SHEET 2

DD FORM 672
10 APR 64

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 2 OCT 1961 REVISED (B) ENTIRE STANDARD REVISED

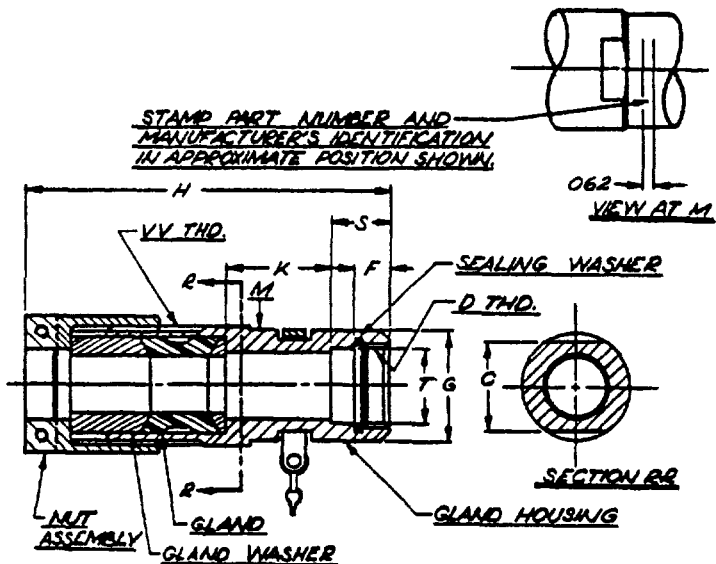
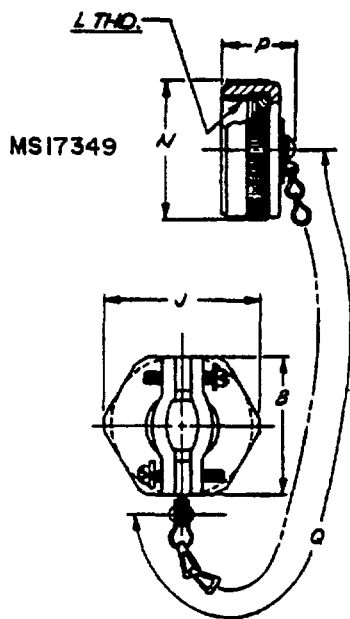
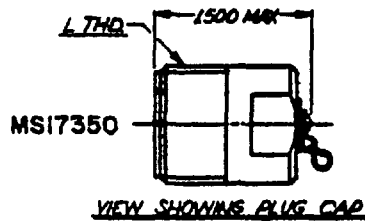
APPROVED 2 OCT 1961

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FED SUP CLASS
5935

STYLE 2 ADAPTERS



P A NAVY-SH	International Interest	TITLE ADAPTER, (STEP UP) CABLE SEALING	MILITARY STANDARD
Other Cust ARMY-EL AF-11			MS17342
Procurement Specification MIL-C-22992	SUPERSEDES:		SHEET 4

DD FCPM 10 APR 64 572 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 2 OCT 1961 REVISED (B) ENTIRE STANDARD REVISED

FED SUP CLASS
5935

ADAPT SIZE NO.	SIZE	CABLE RANGE		B ±.005	C +.000 -.010	D THREAD CLASS 2B - LH	F ±.016	G DIA. +.010 -.020	H MAX.	J MAX.	K ±.010
		MAX.	MIN.								
1	12	.521	.321	1.219	.938	0.7500-20 UNEF	.479	.938	4.000	1.320	.950
2	14	.646	.446	1.344	1.062	0.8750-20 UNEF		1.062	4.100	1.420	1.075
3	16	.765	.565	1.469	1.188	1.0000-20 UNEF		1.188	4.800	1.600	1.200
4	18	.890	.690	1.625	1.312	1.1250-18 NEF		1.312	4.900	1.750	1.325
5	20	1.015	.815	1.750	1.438	1.2500-18 NEF		1.438	4.900	1.900	1.325
6	22	1.180	.980	2.000	1.562	1.3750-18 NEF		1.562	4.900	2.190	1.325
7	24	1.430	1.230	2.250	1.812	1.6250-18 NEF		1.812	5.000	2.475	1.450
8	24	1.230	1.030	2.250	1.812	1.6250-18 NEF		1.812	5.000	2.475	1.450
9	28	1.670	1.430	2.500	2.062	1.8750-18 UN		2.062	5.300	2.715	1.700
10	32	1.860	1.660	2.750	2.312	2.0625-16 N		2.312	5.400	2.900	1.950
11	36	2.110	1.860	3.062	2.562	2.3125-16 N	.475	2.562	5.725	3.250	
12	40	2.400	2.200	3.437	2.875	2.6250-16 UN	.667	2.875	5.725	3.625	
13	40	2.200	2.000	3.437	2.875	2.6250-16 UN	.667	2.875	5.725	3.625	1.950

ADAPT. SIZE NO.	SIZE	L THREAD CLASS 2A/B	H DIA. MAX.	P MAX.	Q SEE REQ. 5 APPROX.	S ±.010	T DIA. ±.005	V GLAND THREADS CLASS 2 - LH
1	12	0.8750-0.1P-0.2L-DS	1.094	.765	5.00	1.425	.600	1.0625-18 UNEF
2	14	1.0000-0.1P-0.2L-DS	1.219	.765		1.425	.726	1.1875-18 NEF
3	16	1.1250-0.1P-0.2L-DS	1.344	.980		1.605	.845	1.3125-18 NEF
4	18	1.2500-0.1P-0.2L-DS	1.469				.970	1.4375-18 NEF
5	20	1.3750-0.1P-0.2L-DS	1.562		5.00		1.095	1.5625-18 NEF
6	22	1.5000-0.1P-0.2L-DS	1.688		6.00		1.220	1.8125-16 N
7	24	1.7500-0.1P-0.2L-DS	1.938				1.470	2.0625-16 N
8	24	1.7500-0.1P-0.2L-DS	1.938				1.470	2.0625-16 N
9	28	2.0000-0.1P-0.2L-DS	2.219				1.713	2.3125-16 N
10	32	2.2500-0.1P-0.2L-DS	2.469				1.900	2.5000-16 UN
11	36	2.5000-0.1P-0.2L-DS	2.719				2.150	2.8750-16 UN
12	40	2.7500-0.1P-0.2L-DS	2.969				2.460	3.1250-16 UN
13	40	2.7500-0.1P-0.2L-DS	2.969	.980	6.00	1.605	2.460	3.1250-16 UN

P A NAVY-SH	International Interest	TITLE ADAPTER, (STEP-UP) CABLE SEALING	MILITARY STANDARD
Other Cust ARMY-EL AF-11			MS17342
Procurement Specification MIL-C-22992	SUPERSEDES:		SHEET 5

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
10 APR 64

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AF Navy Army

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APPROVED 2 OCT 1961 REVISED (B) ENTIRE STANDARD REVISED

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Navy

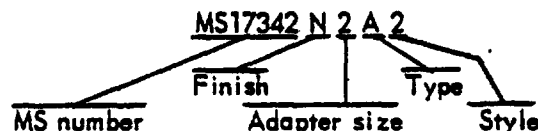
Army

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AF

FED. SUP CLASS
5935**REQUIREMENTS:**

1. Style 1 adapters are for use with class R and C connectors and Style 2 adapters are for use with class R, C and J connectors. Style 1 and 2 adapters are for use with connectors MS17343.
2. Adapter finish shall be designated by the letter C (conductive) or N (non-conductive).
3. Adapter 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, type and style as shown in example below:



5. Chain shall be passivated stainless steel in accordance with type II, class 3, trade number 8 of RR-C-271 and shall be within one link of length specified.

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, tolerance is ± 0.016 .
4. It is intended that connectors and their associated accessories be of the same finish (see requirement 4).

APPROVED 2 OCT 1961 REVISED (B) ENTIRE STANDARD REVISED

P A. NAVY-SH	International interest	TITLE ADAPTER, (STEP UP) CABLE SEALING	MILITARY STANDARD
Other Cust ARMY-EL AF-//			MS17342
Procurement Specification MIL-C-22992	SUPERSEDES		SHEET 6