



*Example Part Number*

30840S10040556 

BASIC ADAPTER NUMBER

ORDER NO.  
PER TABLE II

PLATING CODE NUMBER

14 = ZINC COBALT PER ASTM  
B840-99 BLACK

55 = CADMIUM, OLIVE DRAB,  
PER SAE AMS-QQ-P-416,  
CLASS 3, OVER ELECTROLESS  
NICKEL PER AMS-C-26074,  
GRADE B

56 = ALUMINUM, ELECTROLESS  
NICKEL PER AMS-C-26074,  
CLASS 3 OR 4, GRADE A.

FOR ADDITIONAL FINISH OPTION,  
SEE CATALOG TABLE 4

LENGTH CODE

LENGTHS ARE CHOSEN IN 1/4" INCREMENTS  
(ie 08=2.00") 05=1.25 MIN. ORDER LENGTH  
INSERT "00" WHEN ORDERING AN ADAPTER  
STYLE A, B, D, E, L, OR STYLE R.

CONNECTOR CODE 

MILITARY SPECIFICATION	SERIES	CODE NO.
MIL-DTL-5015	3100	18
MIL-DTL-26482	1	21
MIL-DTL-38999	III & IV	40
MIL-DTL-38999	I & II	41
MIL-DTL-26482	2	54
MIL-DTL-5015G	3400	54
MIL-C-81703	3	54
MIL-DTL-83723	I	54
MIL-DTL-83723	III	54
NAS1599	-	54
LITTON VEAM CIR	-	64
AB 05	DEF. STD. 59-35 PART 1, SEC.3	76
PATT 121	DEF. STD. 59-35 PART 1, SEC.8	78

ADAPTER STYLE

STYLE S = STRAIGHT ADAPTER  
 STYLE B = BASIC STRAIGHT ADAPTER  
 STYLE A = 45° ADAPTER  
 STYLE D = 45° ADAPTER (TUBE)  
 STYLE R = 90° LOW PROFILE  
 STYLE E = 90° (TUBE)  
 STYLE J = 90° DIECAST  
 STYLE L = 90° SPLIT SHELL


TABLE I - ENTRY DATA

ORDER NUMBER	ØZ ±.020	ØY REF.	ØV MAX	SPRING NO. 901-436-
02	.125	.450	N/A	-1
03	.188	.512	N/A	-1
04	.250	.575	N/A	-1
05	.312	.638	.734	-1
06	.375	.700	.734	-1
07	.438	.762	.858	-1
08	.500	.825	.858	-2
09	.562	.888	1.112	-2
10	.625	.950	1.112	-2
11	.688	1.012	1.345	-2
12	.750	1.075	1.345	-2
13	.812	1.138	1.345	-2
14	.875	1.200	1.345	-3
15	.938	1.262	1.594	-3
16	1.000	1.325	1.594	-3
17	1.062	1.388	1.594	-3
18	1.125	1.450	1.594	-3
20	1.250	1.578	1.969	-3
22	1.375	1.700	2.209	-4
24	1.500	1.825	2.459	-4

NOTES: UNLESS OTHERWISE SPECIFIED

- ASSEMBLY IDENT. PER MIL-STD-1285.
- MATERIAL: COMPONENTS - ALUMINUM ALLOY OR  
O'RING - SILICONE  
HARDWARE - SST
- ADAPTERS SUPPLIED WITH SPRING. SEE 901-436 (300 SERIES STAINLESS STEEL)
- CONSULT FACTORY FOR ADDITIONAL SIZES, CONNECTOR CODES,  
AND/OR INFORMATION.

 THIS DOCUMENT IS INCOMPLETE WITHOUT INTERFACE SPECIFICATION SHEET

 MAX ENTRY FOR STYLE L IS .875" (12). CONSULT FACTORY FOR AVAILABLE  
CONNECTOR CODES.

 ADD "S" FOR SELF LOCKING COUPLING NUT. AVAILABLE ONLY ON CODES 40, 41, & 54.



**TABLE II – CONNECTOR CODE 40**

MIL-DTL-38999, SERIES III & IV .

ORDER NO.	SHELL SIZE		<i>A</i> METRIC THD. CLASS 6H	<i>B</i> MAX. DIA.	<i>C</i> MAX.	<i>D</i> MAX.	<i>E</i> MAX.	<i>F</i> MAX.	<i>G</i> MAX.	<i>H</i> MAX.	<i>J</i> MAX.	<i>K</i> MAX.	<i>L</i> MAX.	<i>M</i> MAX.	<i>N</i> MAX.	MAX ENTRY
	COM'L.	MIL.														
0 8	9	A	M12 x 1.0	.719	1.15	.84	.875	1.58	.715	.59	1.13	1.26	1.76	.89	1.39	0 4
1 0	11	B	M15 x 1.0	.844	1.17	.97	.994	1.84	.719	.65	1.19	1.39	1.89	.94	1.45	0 6
1 2	13	C	M18 x 1.0	.969	1.20	1.09	.938	2.03	.843	.70	1.24	1.51	2.01	.99	1.50	0 8
1 4	15	D	M22 x 1.0	1.094	1.21	1.22	.938	2.13	.875	.72	1.29	1.64	2.14	1.14	1.55	0 9
1 6	17	E	M25 x 1.0	1.219	1.24	1.34	1.207	2.23	1.188	.78	1.34	1.76	2.26	1.10	1.60	1 2
1 8	19	F	M28 x 1.0	1.344	1.25	1.34	1.207	2.23	1.188	.80	1.39	1.89	2.39	1.15	1.65	1 2
2 0	21	G	M31 x 1.0	1.489	1.28	1.47	1.290	2.23	1.250	.85	1.45	2.01	2.51	1.20	1.70	1 4
2 2	23	H	M34 x 1.0	1.594	1.30	1.59	1.290	2.23	1.250	.90	1.50	2.14	2.64	1.26	1.76	1 6
2 4	25	J	M37 x 1.0	1.719	1.33	1.72	1.288	2.23	1.250	.96	1.55	2.26	2.76	1.31	1.81	1 8

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS – ALUM. ALLOY OR SST  
 O’RING – SILICONE



**TABLE II – CONNECTOR CODE 41**

MIL-DTL-38999, SERIES I & II .

ORDER NO.	SHELL SIZE		A UNIFIED THD. CLASS 2B	B MAX. DIA.	C MAX.	D MAX.	E MAX.	F MAX.	G MAX.	H MAX.	J MAX.	K MAX.	L MAX.	M MAX.	N MAX.	MAX ENTRY
	SER I	SER II														
0 8	9	8	.438-28	.719	1.15	.84	.875	1.58	.715	.59	1.13	1.26	1.76	.89	1.39	0 4
1 0	11	10	.562-24	.844	1.17	.97	.994	1.84	.719	.65	1.19	1.39	1.89	.94	1.45	0 6
1 2	13	12	.688-24	.969	1.20	1.09	.938	2.03	.843	.70	1.24	1.51	2.01	.99	1.50	0 8
1 4	15	14	.812-20	1.094	1.21	1.22	.938	2.13	.875	.72	1.29	1.64	2.14	1.14	1.55	0 9
1 6	17	16	.938-20	1.219	1.24	1.34	1.207	2.23	1.188	.78	1.34	1.76	2.26	1.10	1.60	1 2
1 8	19	18	1.062-18	1.344	1.25	1.34	1.207	2.23	1.188	.80	1.39	1.89	2.39	1.15	1.65	1 2
2 0	21	20	1.188-18	1.489	1.28	1.47	1.290	2.23	1.250	.85	1.45	2.01	2.51	1.20	1.70	1 4
2 2	23	22	1.312-18	1.594	1.30	1.59	1.290	2.23	1.250	.90	1.50	2.14	2.64	1.26	1.76	1 6
2 4	25	24	1.438-18	1.719	1.33	1.72	1.288	2.23	1.250	.96	1.55	2.26	2.76	1.31	1.81	1 8

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS – ALUM. ALLOY OR SST  
 O’RING – SILICONE



**TABLE II – CONNECTOR CODE 54**

MIL-DTL-26482, SERIES 2  
 MIL-DTL-5015, 3400 SERIES  
 MIL-DTL-81703, SERIES 3  
 MIL-DTL-83723, SERIES I & III  
 NAS1599

ORDER NO.	SHELL SIZE		A UNIFIED THD. CLASS 2B	B MAX. DIA.	C MAX.	D MAX.	E MAX.	F MAX.	G MAX.	H MAX.	J MAX.	K MAX.	L MAX.	M MAX.	N MAX.	MAX ENTRY
	5	4														
0 3	3	—	.562-24	.669	1.15	.84	N/A	N/A	N/A	.59	1.00	1.26	1.76	.89	1.39	0 4
0 8	—	8,8S	.500-20	.617	1.15	.84	.875	1.58	.715	59	1.13	1.26	1.76	.89	1.39	0 4
1 0	—	10,10S,10SL	.625-24	.734	1.17	.97	.994	1.84	.719	.65	1.19	1.39	1.89	.94	1.45	0 6
1 2	7	12,12S	.750-20	.858	1.20	1.09	.938	2.03	.843	.70	1.24	1.51	2.01	.99	1.50	0 8
1 4	12	14,14S	.875-20	.984	1.21	1.22	.938	2.13	.875	.72	1.29	1.64	2.14	1.14	1.55	0 9
1 6	19	16,16S	1.000-20	1.112	1.24	1.34	1.207	2.23	1.188	.78	1.34	1.76	2.26	1.10	1.60	1 2
1 8	27	18	1.062-18	1.218	1.25	1.34	1.207	2.23	1.188	.80	1.39	1.89	2.39	1.15	1.65	1 2
2 0	37	20	1.188-18	1.345	1.28	1.47	1.290	2.23	1.250	.85	1.45	2.01	2.51	1.20	1.70	1 4
2 2	—	22	1.312-18	1.468	1.30	1.59	1.290	2.23	1.250	.90	1.50	2.14	2.64	1.26	1.76	1 6
2 4	—	24	1.438-18	1.593	1.33	1.72	1.288	2.23	1.250	.96	1.55	2.26	2.76	1.31	1.81	1 8
2 8	—	28	1.750-18	1.969	1.38	1.97	N/A	N/A	N/A	1.06	1.65	2.51	3.01	1.36	1.86	2 4
3 2	—	32	2.000-18	2.219	1.43	2.22	N/A	N/A	N/A	1.16	1.76	2.76	3.26	1.41	1.91	2 4
3 6	—	36	2.250-16	2.469	1.46	2.34	N/A	N/A	N/A	1.22	1.86	3.01	3.51	1.51	2.01	2 4
4 0	—	40	2.500-16	2.719	1.51	2.59	N/A	N/A	N/A	1.32	1.96	3.26	3.76	1.62	2.12	2 4
4 4	—	44	2.750-16	2.969	1.56	2.84	N/A	N/A	N/A	1.43	2.09	3.51	4.01	1.72	2.22	2 4
4 8	—	48	3.000-16	3.219	1.61	3.09	N/A	N/A	N/A	1.53	2.22	3.76	4.26	1.93	2.43	2 4
6 1	61	—	1.500-18	1.653	1.34	1.78	N/A	N/A	N/A	2.26	1.55	2.26	2.76	1.31	1.81	1 9

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS – ALUM. ALLOY OR SST

3. O’RING NOT REQUIRED PER AS85049 FIGURE 4.


4. SIZES PER MIL-DTL-5015 (3400 SERIES),  
 MIL-DTL-26482 (SERIES 2), MIL-DTL-83723

5. (SERIES I & III), & NAS1599.  
 SIZES PER MIL-DTL-81703, SERIES 3.



**TABLE II – CONNECTOR CODE 70**

SPL MIL-DTL-38999, MINIATURE CONNECTOR

ORDER NO.	A UNIFIED THD. CLASS 2B	B MAX. DIA.	C MAX.	D MAX.	E MAX.	F MAX.	G MAX.	H MAX.	J MAX.	K MAX.	L MAX.	M MAX.	N MAX.	COUPLING  TORQUE VALUE	
														MIN	MAX.
0 5	.250-32	.470	1.250	.875	N/A	N/A	N/A	.542	1.125	N/A	N/A	N/A	N/A	13	17
0 6	.312-32	.577	1.250	.875	N/A	N/A	N/A	.542	1.167	N/A	N/A	N/A	N/A	18	22
1 1	.375-28	.637	1.312	.875	N/A	N/A	N/A	.570	1.179	N/A	N/A	N/A	N/A	35	45
0 7	.438-28	.637	1.312	.875	N/A	N/A	N/A	.570	1.179	N/A	N/A	N/A	N/A	30	40
0 8	.500-28	.700	1.312	.875	N/A	N/A	N/A	.580	1.192	N/A	N/A	N/A	N/A	30	40
0 9	.562-24	.758	1.375	1.000	N/A	N/A	N/A	.590	1.205	N/A	N/A	N/A	N/A	35	45
1 0	.625-24	.819	1.375	1.000	N/A	N/A	N/A	.610	1.218	N/A	N/A	N/A	N/A	35	45
1 2	.688-24	.896	1.438	1.125	N/A	N/A	N/A	.640	1.244	N/A	N/A	N/A	N/A	35	45
1 3	.750-20	.930	1.438	1.125	N/A	N/A	N/A	.660	1.257	N/A	N/A	N/A	N/A	35	45
1 4	.938-20	1.137	1.562	1.375	N/A	N/A	N/A	.690	1.270	N/A	N/A	N/A	N/A	35	45
1 7	1.188-18	1.375	1.625	1.500	N/A	N/A	N/A	.720	1.310	N/A	N/A	N/A	N/A	35	45

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS – ALUM. ALLOY OR SST  
 O’RING – SILICONE

 VALUES LISTED ARE IN INCH-LBS

4. A SETUP CONFIG WILL BE SUPPLIED WHEN ENTRY EXCEEDS CONNECTOR INSERT DIAMETER