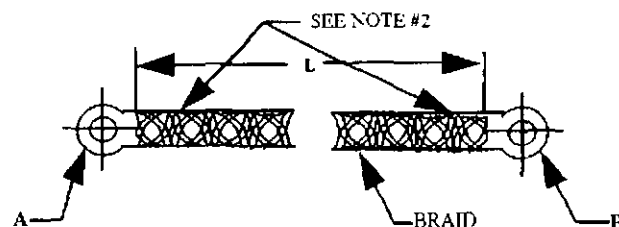


FED. SUP. CLASS
6150

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

DASH NO.	L	TERMINAL STUD SIZE		BRAID SIZE	DASH NO.	L	TERMINAL STUD SIZE		BRAID SIZE
		A	B				A	B	
1	4	4	8	11/64	67	16	4	8	11/64
2	4	8	10		68	16	8	10	
3	4	10	5/16	1/4	69	16	10	5/16	3/4
4	4	1/4	3/8		70	16	1/4	3/8	
5	4	4	4	11/64	71	16	4	4	11/64
6	4	6	6		72	16	6	6	
7	4	8	8		73	16	8	8	
8	4	10	10	1/4	74	16	10	10	1/4
9	4	1/4	1/4		75	16	1/4	1/4	
10	4	5/16	5/16		76	16	5/16	5/16	
11	4	3/8	3/8		77	16	3/8	3/8	
12	6	4	8	11/64	78	18	4	8	11/64
13	6	8	10		79	18	8	10	
14	6	10	5/16	1/4	80	18	10	5/16	1/4
15	6	1/4	3/8		81	18	1/4	3/8	
16	6	4	4	11/64	82	18	4	4	11/64
17	6	6	6		83	18	6	6	
18	6	8	8		84	18	8	8	
19	6	10	10	1/4	85	18	10	10	1/4
20	6	1/4	1/4		86	18	1/4	1/4	1/4
21	6	5/16	5/16		87	18	5/16	5/16	
22	6	3/8	3/8		88	18	3/8	3/8	
23	8	4	8	11/64	89	20	4	8	11/64
24	8	8	10		90	20	8	10	
25	8	10	5/16	1/4	91	20	10	5/16	1/4
26	8	1/4	3/8		92	20	1/4	3/8	
27	8	4	4	11/64	93	20	4	4	11/64
28	8	6	6		94	20	6	6	
29	8	8	8		95	20	8	8	
30	8	10	10	1/4	96	20	10	10	1/4
31	8	1/4	1/4		97	20	1/4	1/4	
32	8	5/16	5/16		98	20	5/16	5/16	
33	8	3/8	3/8		99	20	3/8	3/8	
34	10	4	8	11/64	100	25	4	8	11/64
35	10	8	10		101	25	8	10	
36	10	10	5/16	1/4	102	25	10	5/16	1/4
37	10	1/4	3/8		103	25	1/4	3/8	
38	10	4	4	11/64	104	25	4	4	11/64
39	10	6	6		105	25	6	6	
40	10	8	8		106	25	8	8	
41	10	10	10	1/4	107	25	10	10	1/4
42	10	1/4	1/4		108	25	1/4	1/4	
43	10	5/16	5/16		109	25	5/16	5/16	
44	10	3/8	3/8		110	25	3/8	3/8	
45	12	4	8	11/64	111	30	4	8	11/64
46	12	8	10		112	30	8	10	
47	12	10	5/16	1/4	113	30	10	5/16	1/4
48	12	1/4	3/8		114	30	1/4	3/8	
49	12	4	4	11/64	115	30	4	4	11/64
50	12	6	6		116	30	6	6	
51	12	8	8		117	30	8	8	
52	12	10	10	1/4	118	30	10	10	1/4
53	12	1/4	1/4		119	30	1/4	1/4	
54	12	5/16	5/16		120	30	5/16	5/16	
55	12	3/8	3/8		121	30	3/8	3/8	
56	14	4	8	11/64	122	35	4	8	11/64
57	14	8	10		123	35	8	10	
58	14	10	5/16	1/4	124	35	10	5/16	1/4
59	14	1/4	3/8		125	35	1/4	3/8	
60	14	4	4	11/64	126	35	4	4	11/64
61	14	6	6		127	35	6	6	
62	14	8	8		128	35	8	8	
63	14	10	10	1/4	129	35	10	10	1/4
64	14	1/4	1/4		130	35	1/4	1/4	
65	14	5/16	5/16		131	35	5/16	5/16	
66	14	3/8	3/8		132	35	3/8	3/8	

CUSTODIANS

ORD

OTHER INT.
A. CZ SfgC
N.
AF-

MILITARY STANDARD

LEAD, ELECTRICAL, BRAIDED WIRE

MS 39119 (ORD)

PROCUREMENT SPECIFICATION

SUPERSEDES:

ABMA DRAWINGS SM108 AND SM109

SHEET 1 of 2

FED. SUP. CLASS
61.50

NOTE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder of any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

DASH NO.	L	TERMINAL STUD SIZE		BRAID SIZE	DASH NO.	L	TERMINAL STUD SIZE		BRAID SIZE
		A	B				A	B	
133	40	4	8	11/64	188	70	4	8	11/64
134	40	8	10	1/4	189	70	8	10	1/4
135	40	10	5/16		190	70	10	5/16	
136	40	1/4	3/8		191	70	1/4	1/8	
137	40	4	4	11/64	192	70	4	4	11/64
138	40	6	6	1/4	193	70	6	6	1/4
139	40	8	8		194	70	8	8	
140	40	10	10		195	70	10	10	
141	40	1/4	1/4		196	70	1/4	1/4	
142	40	5/16	5/16		197	70	5/16	5/16	
143	40	3/8	3/8	11/64	198	70	3/8	3/8	11/64
144	45	4	8		199	80	4	8	
145	45	8	10		200	80	8	10	1/4
146	45	10	5/16	1/4	201	80	10	5/16	
147	45	1/4	3/8	11/64	202	80	1/4	3/8	
148	45	4	4		203	80	4	4	11/64
149	45	6	6	1/4	204	80	6	6	1/4
150	45	8	8		205	80	8	8	
151	45	10	10		206	80	10	10	
152	45	1/4	1/4		207	80	1/4	1/4	
153	45	5/16	5/16		208	80	5/16	5/16	
154	45	3/8	3/8	11/64	209	80	3/8	3/8	11/64
155	50	4	8	1/4	210	90	4	8	11/64
156	50	8	10		211	90	8	10	1/4
157	50	10	5/16		212	90	10	5/16	
158	50	1/4	3/8	11/64	213	90	1/4	3/8	
159	50	4	4		214	90	4	4	11/64
160	50	6	6	1/4	215	90	6	6	1/4
161	50	8	8		216	90	8	8	
162	50	10	10		217	90	10	10	
163	50	1/4	1/4		218	90	1/4	1/4	
164	50	5/16	5/16		219	90	5/16	5/16	
165	50	3/8	3/8	11/64	220	90	3/8	3/8	11/64
166	55	4	8		221	100	4	8	
167	55	8	10		222	100	8	10	1/4
168	55	10	5/16	1/4	223	100	10	5/16	
169	55	1/4	3/8	11/64	224	100	1/4	3/8	
170	55	4	4		225	100	4	4	11/64
171	55	6	6	1/4	226	100	6	6	1/4
172	55	8	8		227	100	8	8	
173	55	10	10		228	100	10	10	
174	55	1/4	1/4		229	100	1/4	1/4	
175	55	5/16	5/16		230	100	5/16	5/16	
176	55	3/8	3/8	11/64	231	100	3/8	3/8	1/4
177	60	4	8	1/4	232	130	4	8	
178	60	8	10		233	130	8	10	
179	60	10	5/16		234	130	10	5/16	1/4
180	60	1/4	3/8	11/64	235	130	1/4	3/8	
181	60	4	4	1/4	236	130	4	4	
182	60	6	6		237	130	6	6	1/4
183	60	8	8		238	130	8	8	
184	60	10	10		239	130	10	10	
185	60	1/4	1/4		240	130	1/4	1/4	1/4
186	60	5/16	5/16		241	130	5/16	5/16	
187	60	3/8	3/8		242	130	3/8	3/8	

MATERIAL: BRAID, TUBULAR WIRE PER QQ-B-575 11/64 INCH I.D. 24 CARRIER 168 ENDS 36 GAUGE (0.005 INCH) WIRE 1/4 INCH I.D. 24 CARRIER 384 ENDS 36 GAUGE (0.005 INCH) WIRE TERMINALS PER MS3436

FINISH: PER APPLICABLE PARAGRAPHS OF QQ-B-575 AND MS3436.

- NOTES:
- ALL DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, PLUS OR MINUS TOLERANCES SHALL BE IN ADDITIVE INCREMENTS OF 1/16 INCH FOR EACH LENGTH LISTED.
 - SOLDER INBOARD TAB OF TERMINALS ONLY PER SPECIFICATION MIL-S-6872.
 - THE BRAID SHALL PROVIDE A MINIMUM OF 90% COVERAGE WHEN PLACED OVER A MANDREL OF A DIAMETER EQUIVALENT TO THE NOMINAL I.D. OF THE BRAID. THERE SHALL BE NOT MORE THAN AN AVERAGE OF ONE SPlice OR COMPLETE BREAK IN ANY CARRIER IN EACH 35 FT. OF BRAID, AND NOT MORE THAN ONE BROKEN OR SPliced WIRE IN EACH 15 FT. OF BRAID.
 - THE PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER.
 - REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
 - THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

CUSTODIAN ORD	OTHER INT. A- CZ SigC N- AF-	MILITARY STANDARD	MS 39119 (ORD)
		LEAD, ELECTRICAL, BRAIDED WIRE	
PROCUREMENT SPECIFICATION	SUPERSEDES: ARMA DRAWINGS SM108 AND SM109		SHEET 2 of 2