

INCH-POUND

MIL-S-24235/14C(SH)

28 December 1992

SUPERSEDING

MIL-S-24235/14B(SH)

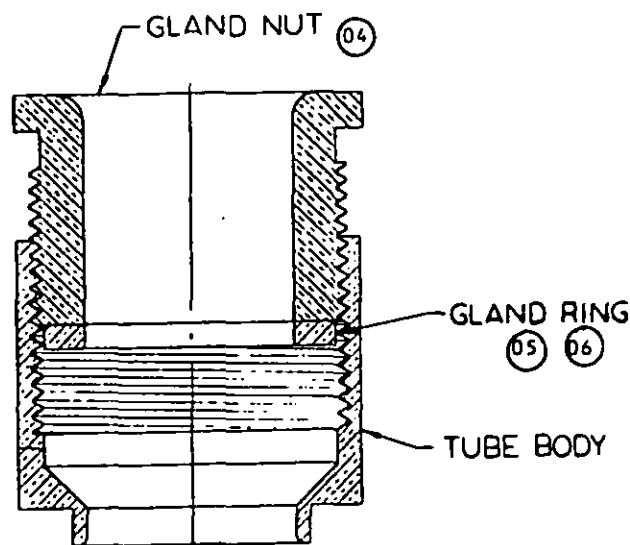
21 August 1989

MILITARY SPECIFICATION SHEET

STUFFING TUBES, METAL, AND PACKING ASSEMBLIES FOR
ELECTRIC CABLES, FOR SHEET METAL ENCLOSURES

This specification is approved for use by the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation: MIL-S-24235.

FIGURE 1. Stuffing tube assembly. (01)

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances shall be as follows:
Decimals - plus or minus 0.005 inch.
Fractions - plus or minus 1/64 inch.
Angular dimensions - plus or minus 30 minutes.

AMSC N/A

1 of 7

FSC 5975

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MIL-S-24235/14C(SH)

TABLE I. Tube assembly and component part or identifying numbers (brass).

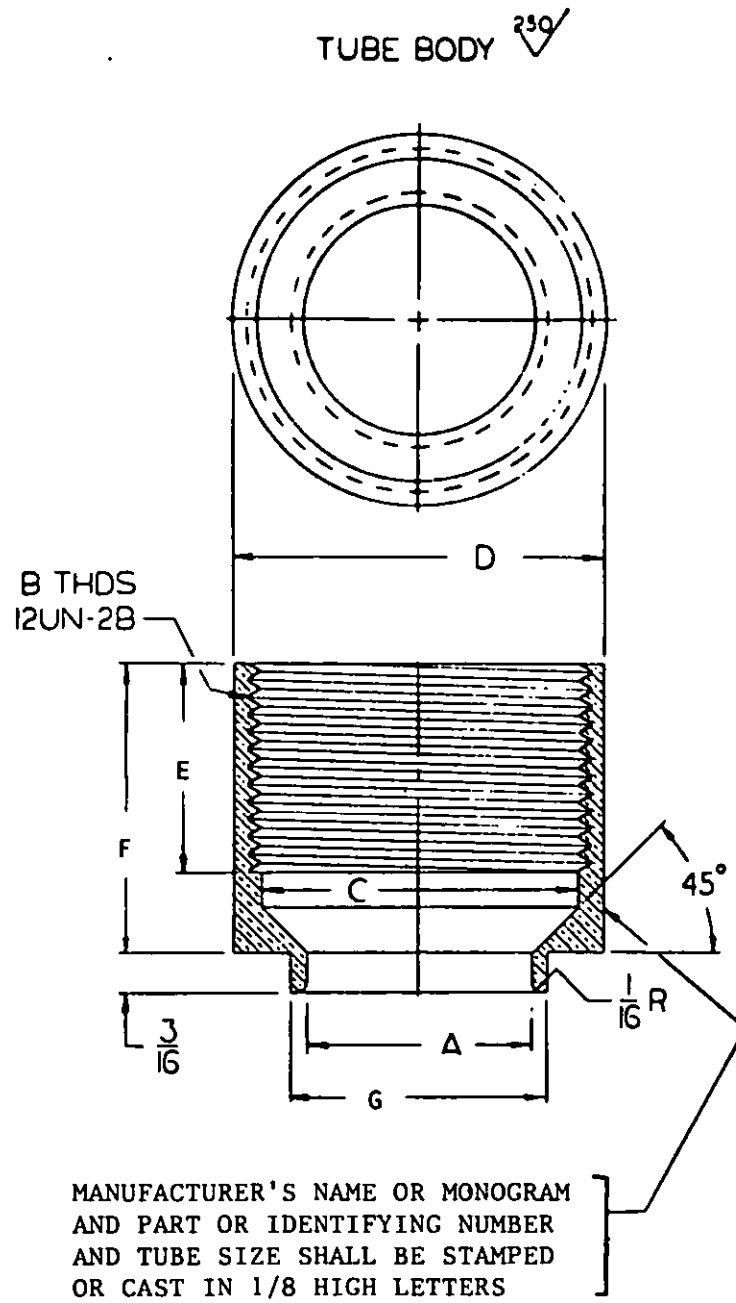
		Part or identifying numbers of components		
Size of tube	Assembly part or identifying number	Tube body 1 required	Gland nut 1 required	Gland ring 1 required
A	M24235/14-001	M24235/14-031	M24235/13-061	M24235/9-091
B	M24235/14-002	M24235/14-032	M24235/13-062	M24235/9-092
C	M24235/14-003	M24235/14-033	M24235/13-063	M24235/9-093
D	M24235/14-004	M24235/14-034	M24235/13-064	M24235/9-094
E	M24235/14-005	M24235/14-035	M24235/13-065	M24235/9-095
F	M24235/14-006	M24235/14-036	M24235/13-066	M24235/9-096
G	M24235/14-007	M24235/14-037	M24235/13-067	M24235/9-097
J	M24235/14-008	M24235/14-038	M24235/13-068	M24235/9-098
K	M24235/14-009	M24235/14-039	M24235/13-069	M24235/9-099
L	M24235/14-010	M24235/14-040	M24235/13-070	M24235/9-100
M	M24235/14-011	M24235/14-041	M24235/13-071	M24235/9-101
N	M24235/14-012	M24235/14-042	M24235/13-072	M24235/9-102
P	M24235/14-013	M24235/14-043	M24235/13-073	M24235/9-103
R	M24235/14-014	M24235/14-044	M24235/13-074	M24235/9-104
S	M24235/14-015	M24235/14-045	M24235/13-075	M24235/9-105
T	M24235/14-016	M24235/14-046	M24235/13-076	M24235/9-106
V	M24235/14-017	M24235/14-047	M24235/13-077	M24235/9-107
W	M24235/14-018	M24235/14-048	M24235/13-078	M24235/9-108
X	M24235/14-019	M24235/14-049	M24235/13-079	M24235/9-109
Y	M24235/14-020	M24235/14-050	M24235/13-080	M24235/9-110
Z	M24235/14-021	M24235/14-051	M24235/13-081	M24235/9-111
AA	M24235/14-022	M24235/14-052	M24235/14-082	M24235/9-112

MIL-S-24235/14C(SH)

TABLE II. Tube assembly and component part or identifying numbers (steel).

		Part or identifying numbers of components		
Size of tube	Assembly part or identifying number	Tube body 1 required	Gland nut 1 required	Gland ring 1 required
A	M24235/14-121	M24235/14-151	M24235/13-061	M24235/9-181
B	M24235/14-122	M24235/14-152	M24235/13-062	M24235/9-182
C	M24235/14-123	M24235/14-153	M24235/13-063	M24235/9-183
D	M24235/14-124	M24235/14-154	M24235/13-064	M24235/9-184
E	M24235/14-125	M24235/14-155	M24235/13-065	M24235/9-185
F	M24235/14-126	M24235/14-156	M24235/13-066	M24235/9-186
G	M24235/14-127	M24235/14-157	M24235/13-067	M24235/9-187
J	M24235/14-128	M24235/14-158	M24235/13-068	M24235/9-188
K	M24235/14-129	M24235/14-159	M24235/13-069	M24235/9-189
L	M24235/14-130	M24235/14-160	M24235/13-070	M24235/9-190
M	M24235/14-131	M24235/14-161	M24235/13-071	M24235/9-191
N	M24235/14-132	M24235/14-162	M24235/13-072	M24235/9-192
P	M24235/14-133	M24235/14-163	M24235/13-073	M24235/9-193
R	M24235/14-134	M24235/14-164	M24235/13-074	M24235/9-194
S	M24235/14-135	M24235/14-165	M24235/13-075	M24235/9-195
T	M24235/14-136	M24235/14-166	M24235/13-076	M24235/9-196
V	M24235/14-137	M24235/14-167	M24235/13-077	M24235/9-197
W	M24235/14-138	M24235/14-168	M24235/13-078	M24235/9-198
X	M24235/14-139	M24235/14-169	M24235/13-079	M24235/9-199
Y	M24235/14-140	M24235/14-170	M24235/13-080	M24235/9-200
Z	M24235/14-141	M24235/14-171	M24235/13-081	M24235/9-201
AA	M24235/14-142	M24235/14-172	M24235/14-082	M24235/9-202

MIL-S-24235/14C(SH)

FIGURE 2. Tube body configuration.

(02)

(03)

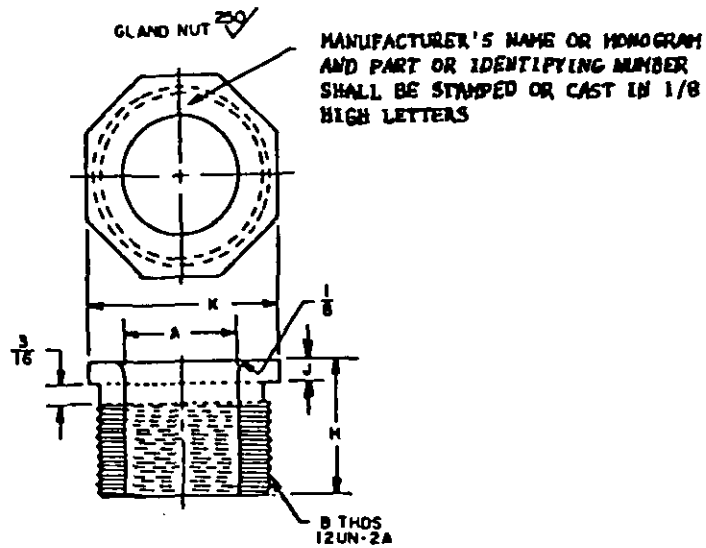
MIL-S-24235/14C(SH)

TABLE III. Tube body dimensions.

Part or identifying number brass	Part or identifying number steel	A DIA	B Threads	C DIA	D DIA	E <u>1/</u>	F	G DIA
M24235/14-031	M24235/14-151	0.406	0.875	0.767	15/16	7/8	1-3/8	0.551
M24235/14-032	M24235/14-152	.515	1.000	.892	1-1/16	7/8	1-3/8	.660
M24235/14-033	M24235/14-153	.640	1.125	1.017	1-3/16	7/8	1-3/8	.785
M24235/14-034	M24235/14-154	.750	1.250	1.142	1-5/16	7/8	1-3/8	.895
M24235/14-035	M24235/14-155	.812	1.250	1.142	1-5/16	7/8	1-3/8	.957
M24235/14-036	M24235/14-156	.843	1.312	1.204	1-3/8	7/8	1-3/8	.988
M24235/14-037	M24235/14-157	.953	1.500	1.392	1-5/8	1	1-3/8	1.098
M24235/14-038	M24235/14-158	.062	1.625	1.517	1-3/4	1	1-3/8	1.207
M24235/14-039	M24235/14-159	1.171	1.750	1.642	1-7/8	1	1-11/16	1.316
M24235/14-040	M24235/14-160	1.265	1.812	1.704	1-15/16	1	1-11/16	1.410
M24235/14-041	M24235/14-161	1.406	2.000	1.892	2-1/8	1	1-11/16	1.551
M24235/14-042	M24235/14-162	1.515	2.062	1.954	2-3/16	1	1-11/16	1.716
M24235/14-043	M24235/14-163	1.625	2.188	2.079	2-5/16	1	1-11/16	1.826
M24235/14-044	M24235/14-164	1.750	2.312	2.204	2-7/16	1	1-11/16	1.951
M24235/14-045	M24235/14-165	1.875	2.688	2.579	2-7/8	1-3/8	2-1/2	2.076
M24235/14-046	M24235/14-166	2.062	2.875	2.767	3-1/16	1-3/8	2-1/2	2.364
M24235/14-047	M24235/14-167	2.187	3.000	2.892	3-3/16	1-3/8	2-1/2	2.489
M24235/14-048	M24235/14-168	2.312	3.125	3.017	3-5/16	1-3/8	2-1/2	2.614
M24235/14-049	M24235/14-169	2.500	3.250	3.142	3-1/2	1-3/8	2-1/2	2.802
M24235/14-050	M24235/14-170	2.609	3.375	3.267	3-5/8	1-3/8	2-1/2	2.911
M24235/14-051	M24235/14-171	2.781	3.562	3.454	3-13/16	1-3/8	2-1/2	3.083
M24235/14-052	M24235/14-172	2.875	3.750	3.642	4-1/16	1-5/8	3	3.177

1/ Tolerance shall be minus 0, plus 4 threads.

MIL-S-24235/14C(SH)

FIGURE 3. Gland nut configuration.

(04)

TABLE IV. Gland nut dimensions.

				Dimensions		
Part or identifying number	Size of stuffing tube	A DIA	B THDS	H	J	K
M24235/14-082	AA	2.875	3.750	2-1/16	7/16	3-7/8

REQUIREMENTS:

1. Packing: Cable packing shall be in accordance with DOD-STD-2003.
2. Intended use: The stuffing tubes are for special applications and replacement purposes only and are not standard stock items.

MIL-S-24235/14C(SH)

TABLE V. Parts list.

		Qty 2/			
Item no.	Description 1/	BRS	STL	Material and specification	Remarks
01	Stuffing tube assemblies	-	-	--	See figure 1 and tables I and II
02	Tube body	1	-	Brass, com1	See figure 2 and table I
03	Tube body	-	1	Steel, ASTM A 108	See figure 2 and table II
04	Gland nut	1	1	Brass, com1	See tables I, II and III
05	Gland ring	1	-	Brass, com1	See table I
06	Gland ring	-	1	Steel, ASTM A 569 zinc plated3/	See table II

1/ See applicable figure and table listed in "Remarks" column for part numbers and dimensions.

2/ Quantity is for one complete assembly of each size.

3/ Zinc plating shall be as specified in ASTM B 633.

Revision letters are not used to denote changes due to the extensiveness of the changes.

Preparing activity:
Navy - SH
(Project 5975-N078-14)