

INCH-POUND

MIL-S-24235/10B(SH)

28 December 1992

SUPERSEDING

MIL-S-24235/10A(SH)

21 August 1989

MILITARY SPECIFICATION SHEET

STUFFING TUBES, METAL, AND PACKING ASSEMBLIES FOR
ELECTRIC CABLES, STEEL, FOR DECKS AND
BULKHEADS WITHOUT PIPE PROTECTION

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.

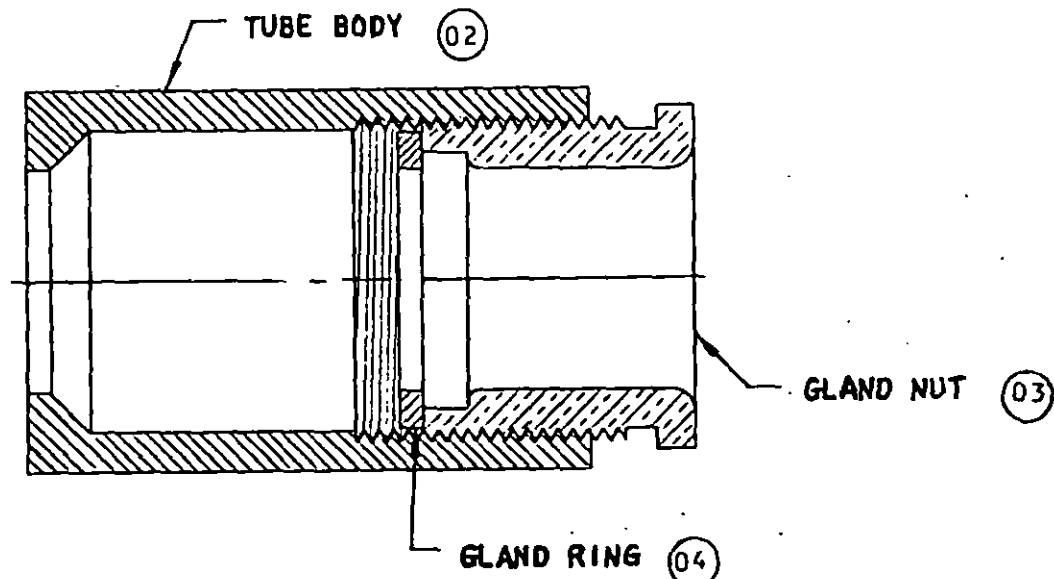


FIGURE 1. Stuffing tube assembly. (01)

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

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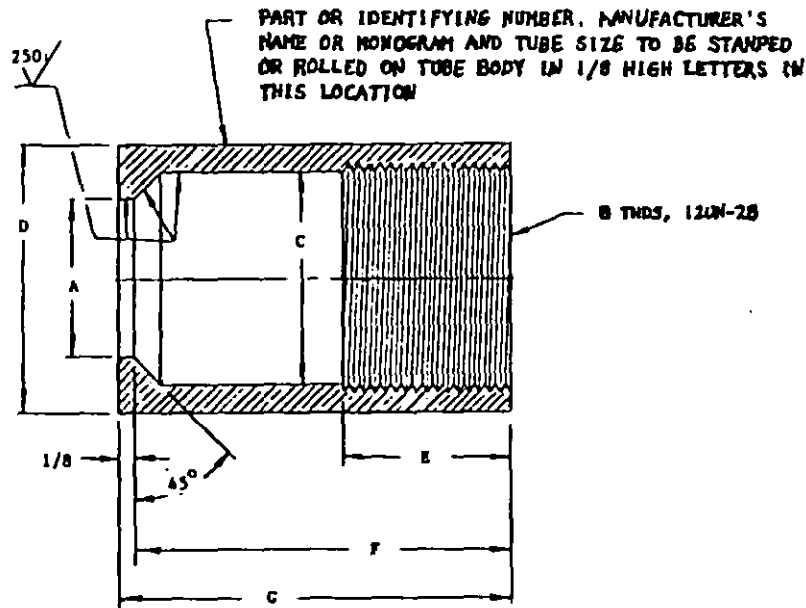
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TABLE I. Part or identifying numbers.

Assembly part or identifying number	Part or identifying numbers of components			Size	Symbol number
	Tube body l required	Gland nut l required	Gland ring l required		
M24235/10-01	M24235/10-31	M24235/9-061	M24235/9-181	A	1600
M24235/10-02	M24235/10-32	M24235/9-062	M24235/9-182	B	1601
M24235/10-03	M24235/10-33	M24235/9-063	M24235/9-183	C	1602
M24235/10-04	M24235/10-34	M24235/9-064	M24235/9-184	D	1603
M24235/10-05	M24235/10-35	M24235/9-065	M24235/9-185	E	1604
M24235/10-06	M24235/10-36	M24235/9-066	M24235/9-186	F	1605
M24235/10-07	M24235/10-37	M24235/9-067	M24235/9-187	G	1606
M24235/10-08	M24235/10-38	M24235/9-068	M24235/9-188	J	1607
M24235/10-09	M24235/10-39	M24235/9-069	M24235/9-189	K	1608
M24235/10-10	M24235/10-40	M24235/9-070	M24235/9-190	L	1609
M24235/10-11	M24235/10-41	M24235/9-071	M24235/9-191	M	1610
M24235/10-12	M24235/10-42	M24235/9-072	M24235/9-192	N	1611
M24235/10-13	M24235/10-43	M24235/9-073	M24235/9-193	P	1612
M24235/10-14	M24235/10-44	M24235/9-074	M24235/9-194	R	1613
M24235/10-15	M24235/10-45	M24235/9-075	M24235/9-195	S	1614
M24235/10-16	M24235/10-46	M24235/9-076	M24235/9-196	T	1615
M24235/10-17	M24235/10-47	M24235/9-077	M24235/9-197	V	1616
M24235/10-18	M24235/10-48	M24235/9-078	M24235/9-198	W	1617
M24235/10-19	M24235/10-49	M24235/9-079	M24235/9-199	X	1618
M24235/10-20	M24235/10-50	M24235/9-080	M24235/9-200	Y	1619
M24235/10-21	M24235/10-51	M24235/9-081	M24235/9-201	Z	1620
M24235/10-22	M24235/10-52	M24235/9-082	M24235/9-202	AA	1621
M24235/10-23	M24235/10-53	M24235/9-083	M24235/9-203	BB	1622

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FIGURE 2. Tube body configuration.

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TABLE II. Tube body dimensions, steel.

Size	Part or identifying number	A DIA	B THDS	C DIA	D DIA	E 1/ 16	F	G
A	M24235/10-31	0.406	0.875	0.767	1-1/8	7/8	1-5/8	1-3/4
B	M24235/10-32	.515	1.000	.892	1-1/4	7/8	1-5/8	1-3/4
C	M24235/10-33	.640	1.125	1.017	1-3/8	7/8	1-5/8	1-3/4
D	M24235/10-34	.750	1.250	1.142	1-1/2	7/8	1-5/8	1-3/4
E	M24235/10-35	.812	1.250	1.142	1-5/8	7/8	1-5/8	1-3/4
F	M24235/10-36	.843	1.312	1.204	1-5/8	7/8	1-5/8	1-3/4
G	M24235/10-37	.953	1.500	1.392	1-13/16	1	1-11/16	1-13/16
J	M24235/10-38	1.062	1.625	1.517	2	1	1-11/16	1-13/16
K	M24235/10-39	1.171	1.750	1.642	2-1/16	1-5/16	3	3-1/8
L	M24235/10-40	1.265	1.812	1.704	2-1/8	1-5/16	3	3-1/8
M	M24235/10-41	1.406	2.000	1.892	2-5/16	1-5/16	3	3-1/8
N	M24235/10-42	1.515	2.062	1.954	2-7/16	1-5/16	3	3-1/8
P	M24235/10-43	1.625	2.188	2.079	2-3/4	1-5/16	3	3-1/8
R	M24235/10-44	1.750	2.312	2.204	2-3/4	1-5/16	3	3-1/8
S	M24235/10-45	1.875	2.688	2.579	3-1/16	1-7/8	5	5-1/8
T	M24235/10-46	2.062	2.875	2.767	3-1/4	1-7/8	5	5-1/8
V	M24235/10-47	2.187	3.000	2.892	3-3/8	1-7/8	5	5-1/8
W	M24235/10-48	2.312	3.125	3.017	3-1/2	1-7/8	5	5-1/8
X	M24235/10-49	2.500	3.250	3.142	3-7/8	1-7/8	5	5-1/8
Y	M24235/10-50	2.609	3.375	3.267	3-7/8	1-7/8	5	5-1/8
Z	M24235/10-51	2.781	3.562	3.454	3-15/16	1-7/8	5	5-1/8
AA	M24235/10-52	2.875	3.750	3.642	4-1/8	2-11/16	6-3/4	6-7/8
BB	M24235/10-53	3.157	4.000	3.892	4-1/2	2-11/16	6-3/4	6-7/8

1/ Tolerance shall be plus 4 minus 0 threads.

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REQUIREMENTS:

1. Packing: Cable packing shall be in accordance with DOD-STD-2003, section 3.
2. Intended use: The stuffing tubes are intended for electric cable penetrations of decks and bulkheads on surface ships.

TABLE III. Parts list.

Item no.	Description ^{1/}	Qty ^{2/}	Material and specification	Remarks
01	Stuffing tube assemblies	-	---	See figure 1 and table I
02	Tube body	1	Steel, ASTM A 108	See figure 2 and table II
03	Gland nut	1	Brass, Com1	See table I
04	Gland ring	1	Steel, ASTM A 569 zinc plated ^{3/}	See table I

^{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.

The previous issue of this specification sheet replaced that part of Drawing 9-S-5166-L covering type 30-2A stuffing tubes.

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

Preparing activity:
Navy - SH
(Project 5975-N078-10)