

INCH- POUND

MIL-S-24235/4C(SH)

28 December 1992

SUPERSEDING

MIL-S-24235/4B(SH)

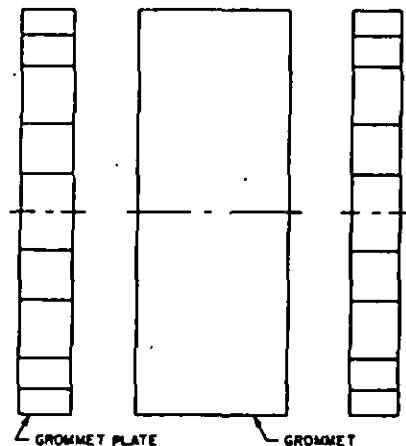
21 August 1989

MILITARY SPECIFICATION SHEET

STUFFING TUBES, METAL, AND PACKING ASSEMBLIES FOR
ELECTRIC CABLES, PACKING ASSEMBLIES FOR
BULKHEAD (BALLAST TANKS)

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. Packing 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.
 - Molded parts shall conform to MIL-HDBK-149.

AMSC N/A

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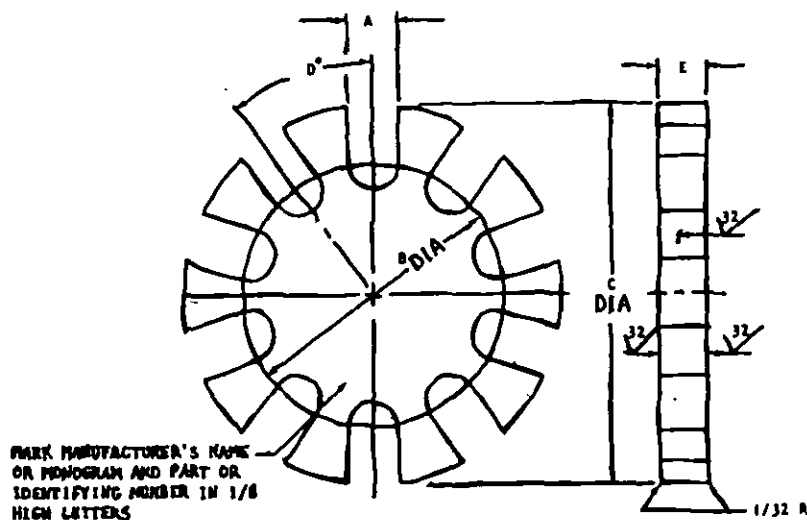
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TABLE I. Part or identifying numbers.

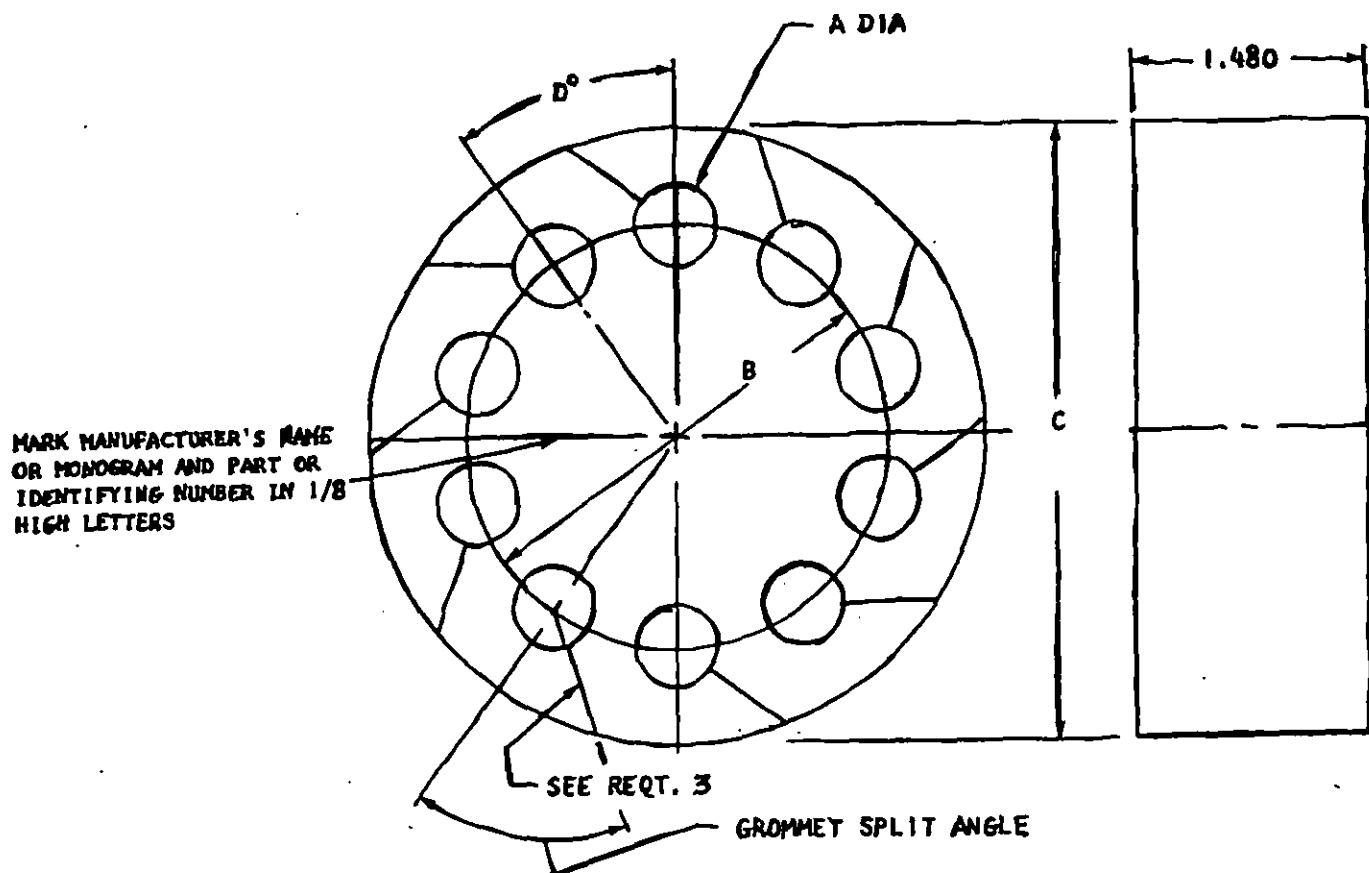
Packing assembly part or identifying number	Part or identifying numbers of components	
	Grommet plate 2 required	Grommet 1 required
M24235/4-001	M24235/4-011	M24235/4-031
M24235/4-002	M24235/4-012	M24235/4-032
M24235/4-003	M24235/4-013	M24235/4-033
M24235/4-004	M24235/4-014	M24235/4-034
M24235/4-005	M24235/4-015	M24235/4-035
M24235/4-006	M24235/4-016	M24235/4-036

FIGURE 2. Grommet plate configuration. (02)TABLE II. Grommet plate dimensions.

Part or identifying number	A	B DIA	C DIA	D° (see requirement 2)	E <u>1/</u>
M24235/4-011	17/32	1-13/16	2.945	72	0.375
M24235/4-012	21/32	1-13/16	2.945	180	.375
M24235/4-013	17/32	2-3/4	3.945	36	.500
M24235/4-014	21/32	2-3/4	3.945	36	.500
M24235/4-015	17/32	3-3/4	4.945	22-1/2	.500
M24235/4-016	21/32	3-3/4	4.945	30	.500

1/ Tolerance: "E" dimension plus or minus 0.003 inch.

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FIGURE 3. Grommet configuration.

(03)

TABLE III. Grommet dimensions.

Part or identifying number	A $\frac{1}{8}$ DIA	B DIA	C DIA	D° (see requirement 2)
M24235/4-031	0.485	1-13/16	2.950	72
M24235/4-032	.615	1-13/16	2.950	180
M24235/4-033	.485	2-3/4	3.950	36
M24235/4-034	.615	2-3/4	3.950	36
M24235/4-035	.485	3-3/4	4.925	22-1/2
M24235/4-036	.615	3-3/4	4.925	30

$\frac{1}{8}$ Tolerance: "A" dimension plus 0.005 inch minus 0.000 inch.

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REQUIREMENTS:

1. The grommet and grommet plate may be revised to suit the number and size of cables required. The "A" and "D" dimensions of nonstandard components shall be specified in the acquisition documents.
2. The grommet shall be split perpendicular to the grommet face and the split angle shall be 45 to 55 degrees.
3. For packing assembly to stuffing tube assignments see MIL-S-24235/3.

TABLE IV. Parts list.

Item no.	Description <u>1/</u>	Qty <u>2/</u>	Material and specification	Remarks
01	Packing assemblies	-	--	See figure 1 and table I
02	Grommet plate	2	Aluminum bronze, QQ-C-465	See figure 2 and table II
03	Grommet (40 to 45 durometer)	1	Neoprene, class 1, MIL-R-15624	See figure 3 and table III

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.

The previous issue of this specification sheet replaced that part of Drawings, NAVSEA Nos. 815-1197198, 815-1197199 and 815-1197300 covering packing assemblies.

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

Preparing activity:
Navy - SH
(Project 5975-N078-04)