

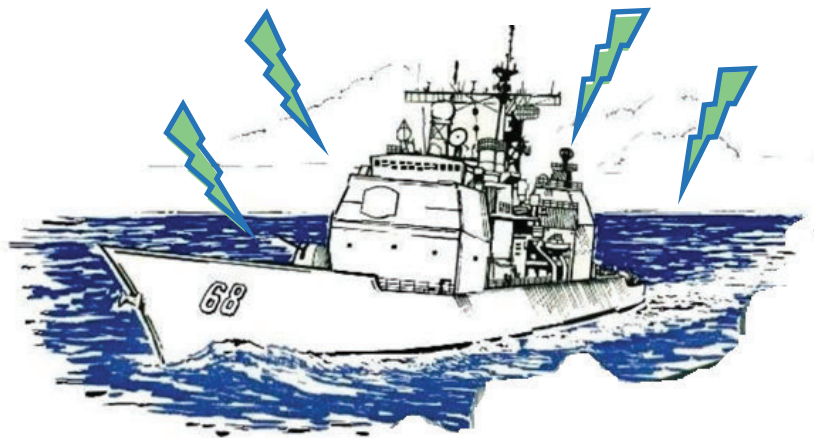


SHIPBOARD **"BOLT ON"**

STUFFING TUBES & BULKHEAD FEEDTHRU EMI/EMP PROTECTION

ADAPTERS

For Over Thirty Years Proudly Serving
The U.S. Navy With Unparalleled EMI/EMP
Protection **When It Matters.**





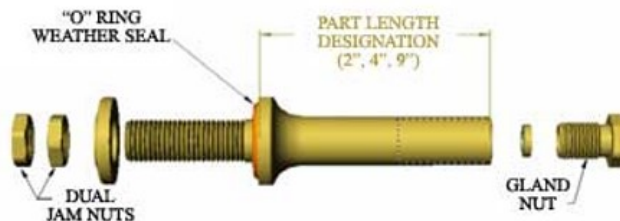
“Stuffing tubes are intended for use in making **watertight electrical cable penetrations through hulls, decks, bulkheads and into electrical equipment.** This specification covers metal stuffing tubes for passing electrical cables through decks and bulkheads and entering enclosed equipment on Naval ships and packing assemblies for stuffing tubes....”

Foranne Mfg.'s ***BOLT ON STUFFING TUBES***

Developed for MHC (mine hunters) and expanded application for PDA, PSA, and back-fit. It was designed as an alternative to welded applications, when hot-work should be avoided (space has already been painted). It is Used in non-welded application including Composites or non-metal interfaces.

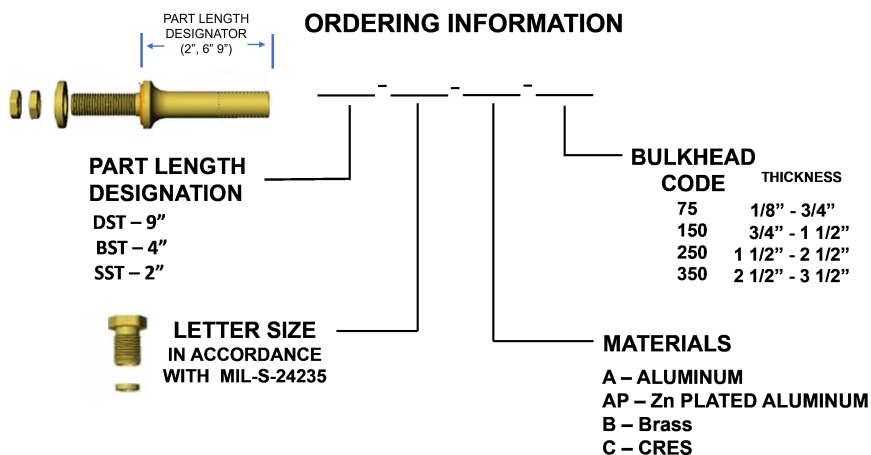
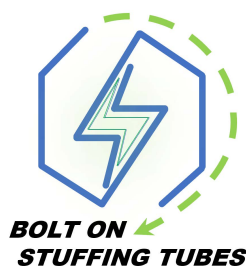
We have the ability to support unique configuration, size, length, etc. without adding a cost for design (NRE).

**Bulk Head Ranges From
3/4" to 3 1/2"**



**Gland Nut Opening Range From
3/4" to 3 1/2"**





Part Number	Size Code	GLAND NUT OPENING
M24235/17-241	A	.406"
M24235/17-242	B	.515"
M24235/17-243	C	.640"
M24235/17-244	D	.750"
M24235/17-245	E	.812"
M24235/17-246	F	.843"
M24235/17-247	G	.953"
M24235/17-248	J	1.062"
M24235/17-249	K	1.171"
M24235/17-250	L	1.265"
M24235/17-251	M	1.406"
M24235/17-252	N	1.515"
M24235/17-253	P	1.625"
M24235/17-254	R	1.750"
M24235/17-255	S	1.875"
M24235/17-256	T	2.062"
M24235/17-257	V	2.187"
M24235/17-258	W	2.312"
M24235/17-259	X	2.500"

Each **BOLT ON STUFFING TUBE** kit contains:

- Complete Stuffing Adapter of the Specified Size and Length
- Required Amount of MIL-T22361 Anti-seize Compound, and Applicator.
- Two Weather O-RINGS



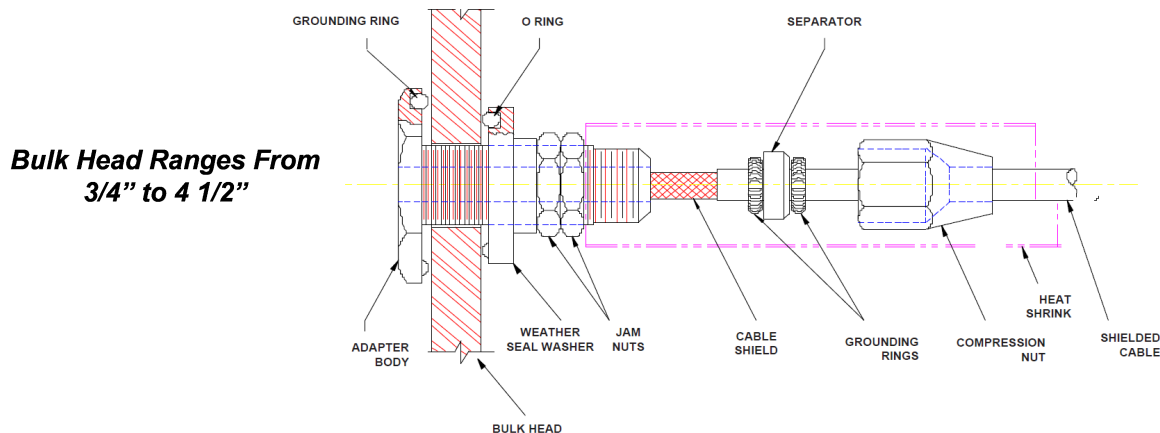


BOLT ON - EMI BULKHEAD FEEDTHRU

FIELD PROVEN SEEPa EFFECTIVENESS AND RELIABILITY.
RECOMMENDED BY NAVSEA FOR CABLE INSTALLATIONS
INTO SHIELDED COMPARTMENTS.

BOLT ON - SEEPa – SE

Ideal for applications that requires minimal internal bulkhead clearance, the SEEPa-SE provides an alternative to welded applications and delivers the proven SEEPa shield grounding that provides 360° grounding of shielded cables. The SEEPa design has been field tested, and proven to consistently provide shielding effectiveness in the 70-80 db range.



- REPLACES TRIDITIONAL STUFFING TUBE ASSEMBLIES
- MEETS THE REQUIREMENTS OF MIL-STD-1310H
- SIMPLE INSTALLATION, REQUIRES NO WELDING OR SPECIAL TOOLS
- MOUNTS DIRECTLY TO PANEL OR BULKHEAD PENETRATIONS
- PROVIDES RELIABLE 360° GROUNDING ABOVE OR BELOW DECK
- TRIPLE SPRING DESIGN INCREASES PERFORMANCE
- FIRE PROOF HEAT-SHRINKABLE WEATHER SEAL





SEEPA-SE - _____ - _____ - _____

SIZE CODE
(1 – 12)

MATERIALS

A – ALUMINUM
B – Brass
C – CRES

BULKHEAD
CODE

75 - 3/4" – 1 1/2"
150 - 1 1/2" – 2 1/2"
250 - 2 1/2" – 3 1/2"
350 - 3 1/2" – 4 1/2"

SIZE CODE	PENETRATION DIAMETER	MAX OD OF CABLE	MIN OD OF SHIELD
0	15/16" - 1.0"	.300"	.125"
1	15/16" - 1.0"	.400"	.200"
2	1"-0 - 1-1/16"	.500"	.250"
3	1-7/16" - 1-1/2"	.750"	.400"
4	1-1/2" - 1-9/16"	.840"	.500"
5	1-11/16" - 1-3/4"	.950"	.625"
6	1-3/4" - 1-13/64"	1.175"	.800"
7	2-1/8" - 2-1/4"	1.400"	1.000"
8	2-5/16" - 2-3/82"	1.625"	1.250"
9	2-5/8" - 2-3/4"	1.875"	1.500"
10	2-7/8" - 3.0"	2.000"	1.625"
11	3.0" - 3-1/8"	2.190"	1.750"
12	3-3/8" – 3-1/2"	2.500"	2.000"

Each *BOLT ON SEEPA-SE* kit contains:

- Complete Grounding Adapter of the Specified size
- Panel Mount O-ring
- Required Amount of MIL-T22361 Anti-seize Compound, and Applicator.
- Abrasive Cleaning Strip
- Heat Shrinkable Weather Seal Boot
- Simple Installation Instructions



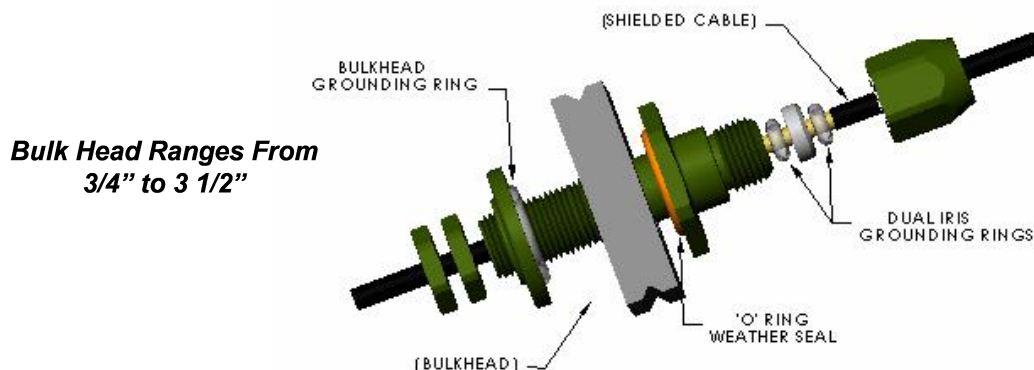


BOLT ON - EMI BULKHEAD FEEDTHRU

FIELD PROVEN SEEPA EFFECTIVENESS AND RELIABILITY.
RECOMENDED BY NAVSEA FOR CABLE INSTALLATIONS
INTO SHIELDED COMPARTMENTS.

BOLT ON - SEEPA – RST

Ideal for applications that requires minimal bulkhead external clearance.
SEEPA-RST is an alternative to welded applications and delivers the proven
SEEPA shield grounding that provides 360°grounding of shielded cables. The
SEEPA design has been field tested, and proven to consistently provide
shielding effectiveness in the 70-80 db range.

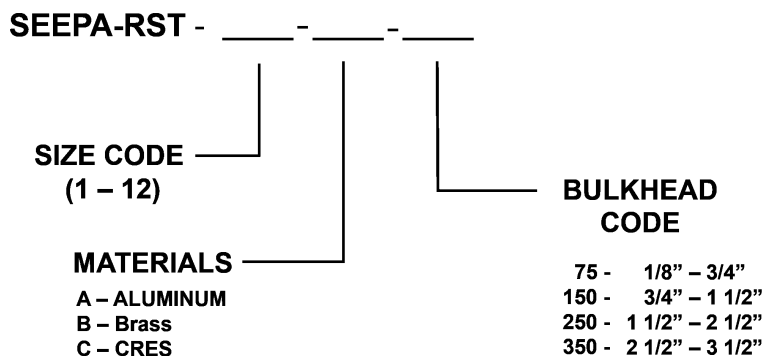


- REPLACES PLASTIC STUFFING TUBES
- MEETS AND EXCEEDS THE REQUIREMENTS OF MIL-STD-1310H
- SIMPLE INSTALLATION, REQUIRES NO WELDING OR SPECIAL TOOLS
- MOUNTS DIRECTLY TO PANEL OR BULKHEAD PENETRATIONS
- PROVIDES RELIABLE 360° GROUNDING ABOVE OR BELOW DECK
- TRIPLE SPRING DESIGN INCREASES PERFORMANCE
- FIRE PROOF HEAT-SHRINKABLE WEATHER SEAL





ORDERING INFORMATION



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