



DEFENSE LOGISTICS AGENCY
DEFENSE SUPPLY CENTER, COLUMBUS
POST OFFICE BOX 3990
COLUMBUS, OH 43216-5000

IN REPLY
REFER TO

DSCC-VAI

April 14, 2004

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT:

Document	Action	Document Title	Project Number
MS39207E	Reactivation	Elbows, Tube-Safety Sleeve Compression Type, 90 Degree	4730-2618-000
MS39210G	Reactivation	Nuts, Tube Coupling-Safety Sleeve Compression Type	4730-2616-000
MS39210G	Revision	Nuts, Tube Coupling-Safety Sleeve Compression Type	4730-2620-000
MS39212F	Reactivation	Sleeves, Compression, Tube-Hose Fitting-Safety Sleeve Type	4730-2617-000
MS39212F	Revision	Sleeves, Compression, Tube-Hose Fitting-Safety Sleeve Type	4730-2621-000

This initial draft letter is a proposal to reactivate MS39207E and then to revise (Revision F, which has been previously coordinated with project number 4730-2404-000). This proposal is to reactivate MS39210G and MS39212F because our new procedures direct us to not reference inactive documents. Therefore, upon reactivation of MS39210G and MS39212F, we propose the revisions for the same documents.

If these documents are of interest to you, please provide your comments to the project officer electronically. It is very important that you attempt to respond electronically to this draft. This can be in the form of a return e-mail, with or without an attached text file. Because we believe electronic coordination should be faster than hard copy distribution, we have allotted a 45-day coordination cycle from the date of this letter. Please provide your comments within that time period. If an electronic response is not possible, we will still accept comments via letter, facsimile, or phone call, but only after you have contacted the project officer listed below. The initial draft document withdrawal notices can be found at the following DSCC-VA web page:

<http://www.dsccl.dla.mil/Programs/MilSpec/initialdrafts.asp>

This process still requires military departments to identify their comments as "Essential" or "Suggested". Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians or this office, as applicable, in sufficient time to allow for consolidating the department reply.

If there are any questions regarding these projects, please contact Gail Dever (project officer) by the preferred method of electronic mail at gail.dever@dla.mil by telephone at commercial 614-692-8781, DSN 850-8781; or by facsimile at 614-692-6939. Our mailing address as a last resort is Defense Supply Center, Columbus, (DSCC-VAI), P.O. Box 3990, Columbus, OH 43216-5000. If you have further questions or concerns regarding this program, you may contact me at 614-692-0566 or richard.taylor@dla.mil.

Sincerely,

/signed/

RICHARD L. TAYLOR
Chief
Interconnection Devices Team

cc:

DSCC-AAB (Dan Patel)
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DSCC-VSC (Michael Jones)
Army – AT, AV, MI
Navy – OS, SA
TRW (Katy Bingham)

NOTE: This initial draft, dated 22 March 2004, prepared by DSCC,
Has not been approved and is subject to modification.
DO NOT USE FOR ACQUISITION PURPOSES. Project 4730-2620-000.

MS39210GMS39210H
~~1 February 2002~~ ddmmyyyy
SUPERSEDING
MS39210FMS39210G
~~29 August 1986~~ 1 February 2002

DETAIL SPECIFICATION SHEET

NUTS, TUBE COUPLING – SAFETY SLEEVE COMPRESSION TYPE

This specification is approved 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.

NOTICE OF INACTIVATION FOR
NEW DESIGN AS OF 29 DEC 1967.

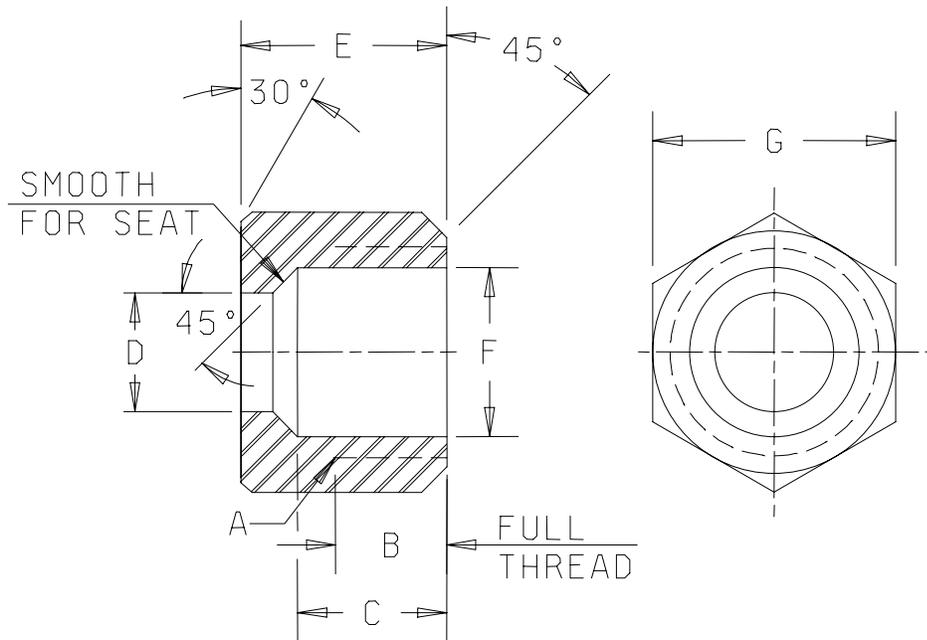


FIGURE 1. Nuts, tube coupling – safety sleeve compression type.

MS39210G

TABLE 1. Nuts, tube coupling-safety sleeve compression type.

Dash No.	Tube O.D.	A Pipe Thread NPTF	B Thread Length (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
1	1/8	5/16 24UNF-2B	7/32 .219 (5.56)	49/64 .297 (7.54)	.130 (3.30) .134(3.40)	7/16 .438 (11.11)	.275(6.99) .270(6.86)	7/16 .438 (11.11)
2	3/16	3/8 24UNF-2B	7/32 .219 (5.56)	49/64 .297 (7.54)	.190(4.83) .194(4.93)	7/16 .438 (11.11)	.338(8.59) .333(8.46)	1/2 .500 (12.70)
3	1/4	1/2 20UNF-2B	9/32 .281 (7.14)	23/64 .359 (3.13)	.255(6.48) .259(6.58)	9/16 .563 (14.29)	.454(11.53) .449(11.40)	5/8 .625 (15.88)
4	5/16	9/16 18UNF-2B	9/32 .281 (7.14)	25/64 .390 (3.92)	.318(8.08) .322(8.18)	37/64 .578 (14.68)	.512(13.00) .505(12.83)	11/16 .688 (17.46)
5	3/8	5/8 18UNF-2B	5/16 .313 (7.94)	27/64 .422 (10.72)	.380(9.65) .384(9.75)	5/8 .625 (15.88)	.575(14.61) .568(14.43)	3/4 .750 (19.05)
6	1/2	3/4 16UNF-2B	21/64 .328 (3.33)	29/64 .453 (11.51)	.506(12.85) .510(12.95)	11/16 .688 (17.46)	.693(17.60) .686(17.42)	7/8 .875 (22.23)
7	5/8	15/16 16UN-2B	3/8 .375 (9.53)	45/32 .469 (11.91)	.633(16.08) .637(16.18)	3/4 .750 (19.05)	.881(22.38) .874(22.20)	1-1/8 1.125 (28.58)
8	3/4	1-1/16 16UN-2B	13/32 .406 (10.32)	1/2 .500 (12.70)	.758(19.25) .762(19.35)	13/16 .813 (20.64)	1.005(25.53) .999(25.37)	1-1/4 1.250 (31.75)
9	7/8	1-3/16 16UN-2B	13/32 .406 (10.32)	1/2 .500 (12.70)	.883(22.43) .887(22.53)	13/16 .813 (20.64)	1.131(28.73) 1.124(28.55)	1-3/8 1.375 (34.93)
10	1	1-5/16 16UN-2B	13/32 .406 (10.32)	1/2 .500 (12.70)	1.008(25.60) 1.012(25.70)	13/16 .813 (20.64)	1.256(31.90) 1.249(31.72)	1-1/2 1.500 (38.10)
11	1-1/4	1-5/8 16UN-2B	13/32 .406 (10.32)	37/64 .578 (14.68)	1.206(30.63) 1.264(32.11)	27/32 .844 (31.43)	1.568(39.83) 1.561(39.65)	2 (50.80)
12	1-1/2	1-7/8 16UN-2B	1/2 .500 (12.70)	43/64 .672 (17.07)	1.510(38.35) 1.514(38.46)	31/32 .969 (34.61)	1.818(46.18) 1.810(45.97)	2-1/4 2.250 (57.15)

NOTES:

1. ~~4.~~ Dimensions are in inches, unless otherwise specified.
2. Metric equivalents are given for general information only.
23. Referenced documents shall be of the issue in effect in date of invitations for bid.
34. This illustration is for identification and is not intended to restrict designs or shapes not dimensioned.

MS39210G

REQUIREMENTS:

Dimensions and configuration: See figure 1.

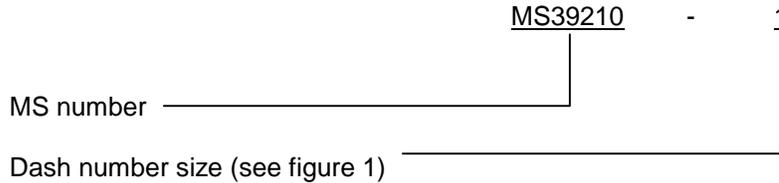
Material: Carbon steel in accordance with SAE-AMS-STD-66, AISI-C-1112, C-1113, C-1117, C-1118 or C-1137.

Finish: Cadmium plated, specification SAE-AMS-QQ-P-416, type II, class 3. To the users of this document, it is recommended that the use of steel and cadmium plating be used only when other material and finishes specified in the document cannot meet performance requirements.

Tolerances: Unless otherwise specified, decimals ± 0.005 , fractions $\pm 1/64$, degrees $\pm 2^\circ$.

Threads: The threads shall be in accordance with FED-STD-H28A.

Part or Identifying Number (PIN) example: (PIN covers the complete item with nuts and sleeves.)



Reference documents. In addition to MS39210, this document references the following:

- AISI-C-1112
- AISI-C-1113
- AISI-C-1117
- AISI-C-1118
- AISI-C-1137
- SAE-AMS-STD-66
- SAE-AMS-QQ-P-416
- FED-STD-H28A

CONCLUDING MATERIAL

Custodians:
Army - AT
DLA - CC

Preparing activity:
DLA - CC

(Project 4730-21942620-000) |