

MS39210G
1 February 2002
SUPERSEDING
MS39210F
29 August 1986

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.

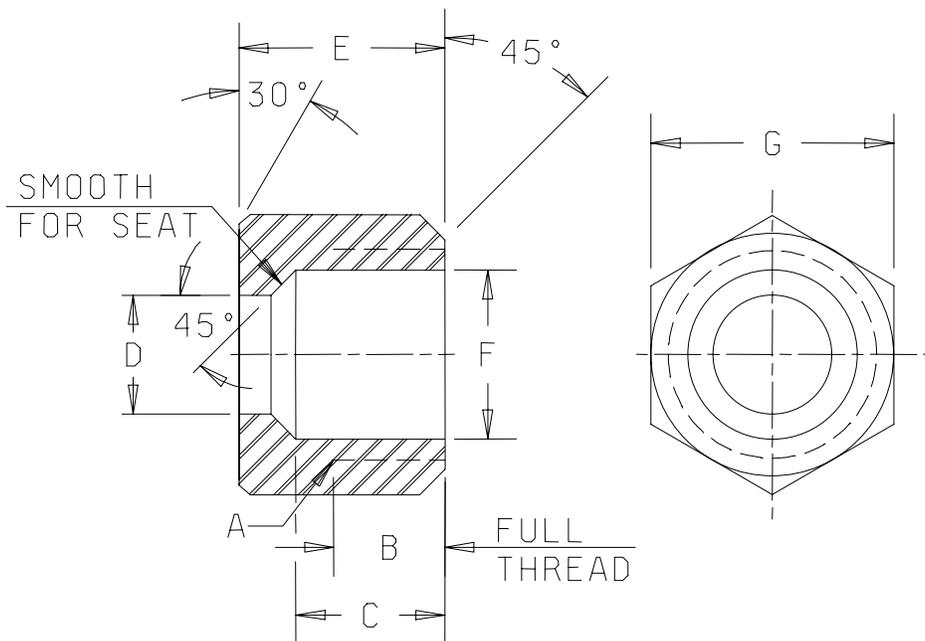


FIGURE 1. Nuts, tube coupling – safety sleeve compression type.

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

Dash No.	Tube O.D.	A Pipe Thread NPTF	B Thread length	C	D	E	F	G
1	1/8	5/16 24UNF-2B	7/32	19/64	.130 .134	7/16	.275 .270	7/16
2	3/16	3/8 24UNF-2B	7/32	19/64	.190 .194	7/16	.338 .333	1/2
3	1/4	1/2 20UNF-2B	9/32	23/64	.255 .259	9/16	.454 .449	5/8
4	5/16	9/16 18UNF-2B	9/32	25/64	.318 .322	37/64	.512 .505	11/16
5	3/8	5/8 18UNF-2B	5/16	27/64	.380 .384	5/8	.575 .568	3/4
6	1/2	3/4 16UNF-2B	21/64	29/64	.506 .510	11/16	.693 .686	7/8
7	5/8	15/16 16UN-2B	3/8	15/32	.633 .637	3/4	.881 .874	1-1/8
8	3/4	1-1/16 16UN-2B	13/32	1/2	.758 .762	13/16	1.005 .999	1-1/4
9	7/8	1-3/16 16UN-2B	13/32	1/2	.883 .887	13/16	1.131 1.124	1-3/8
10	1	1-5/16 16UN-2B	13/32	1/2	1.008 1.012	13/16	1.256 1.249	1-1/2
11	1-1/4	1-5/8 16UN-2B	13/32	37/64	1.206 1.264	27/32	1.568 1.561	2
12	1-1/2	1-7/8 16UN-2B	1/2	43/64	1.510 1.514	31/32	1.818 1.810	2-1/4

NOTES:

1. Dimensions are in inches.
2. Referenced documents shall be of the issue in effect in date of invitations for bid.
3. This illustration is for identification and is not intended to restrict designs or shapes not dimensioned.

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REQUIREMENTS:

Dimensions and configuration: See figure 1.

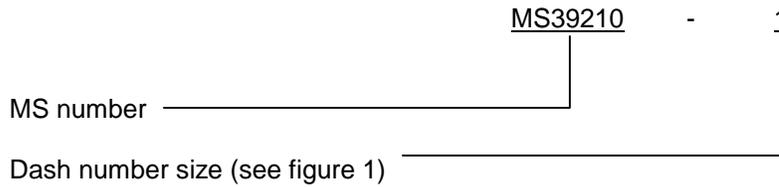
Material: Carbon steel in accordance with SAE-AMS-STD-66, AISI-C-1112, C-1113, C-1117, C-1118 or C-1137.

Finish: Cadmium plated, specification 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.)



CONCLUDING MATERIAL

Custodians:
Army - AT
DLA - CC

Preparing activity:
DLA - CC

(Project 4730-2194)