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IN REPLY
REFER TO

DSCC -VAI (Gail Dever/(614-692-8781)

September 3, 2003

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Draft for MS39207F, Elbows, Tube-Safety Sleeve Compression Type, 90 Degree,
Project Number 4730-2404-000.

This initial draft revision is a proposal to convert the document into the detail specification format and update all cancelled reference documents.

If this document is 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 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 this project, 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:

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NOTE: This initial draft, dated 2 September 2003, prepared by the Defense Supply Center Columbus, has not been approved and is subject to modification. DO NOT USE FOR ACQUISITION PURPOSES. (Project 4730-2404-000)

INCH-POUND

MS39207F
Ddmmmyyy
SUPERSEDING
MS39207E
26 February 1982

DETAIL SPECIFICATION SHEET

ELBOWS, TUBE - SAFETY SLEEVE COMPRESSION
TYPE, 90 DEGREE

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. For new design use MS51820.

INACTIVE FOR NEW DESIGN
26 February 1982.

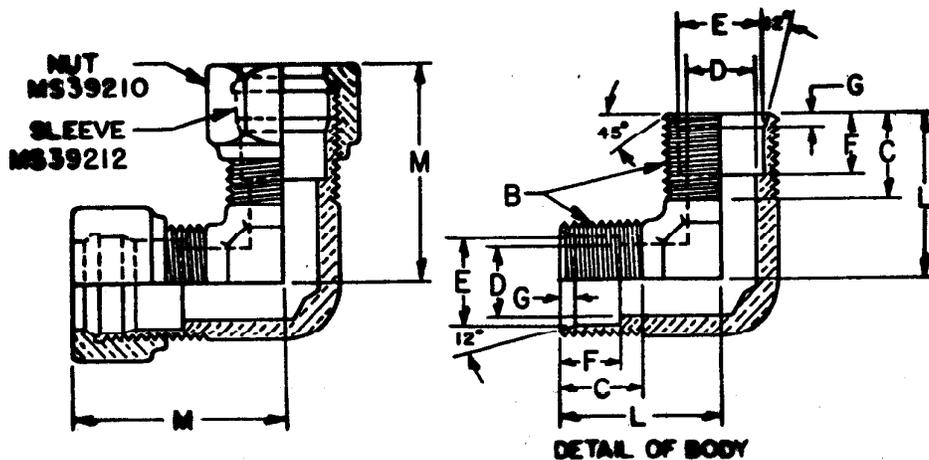


FIGURE 1. Elbows, tube-safety sleeve compression type, 90 degree.

TABLE I. Dimensions for type 100R10 fittings, 90° bent tube, short drop.

Dash No.	Tube O.D.	B	C Thread Length	D	E	F	G	L	M
1	1/8	5/16-24UNF-2A	9/32	3/32	.135 .139	13/64	1/8	21/32	31/32
2	3/16	3/8-24UNF-2A	9/32	1/8	.196 .200	1/4	5/32	21/32	31/32
3	1/4	1/2-20UNF-2A	25/64	13/64	.261 .265	19/64	13/64	3/4	1 5/32
4	5/16	9/16-18UNF-2A	25/64	13/64	.324 .328	19/64	13/64	13/16	1 3/16
5	3/8	5/8-18UNF-2A	7/16	9/32	.386 .390	19/64	13/64	15/16	1 3/8
6	1/2	3/4-16UNF-2A	7/16	27/64	.514 .518	5/16	13/64	1 1/8	1 21/32
7	5/8	15/16-16UN-2A	15/32	1/2	.641 .645	11/32	15/64	1 5/16	1 27/32
8	3/4	1 1/16-16UN-2A	15/32	21/32	.766 .770	11/32	13/64	1 1/2	2 3/32
9	7/8	1 3/16-16UN-2A	15/32	23/32	.891 .895	11/32	13/64	1 3/4	2 11/32
10	1	1 5/16-16UN-2A	5/32	7/8	1.016 1.020	13/32	13/64	1 3/4	2 11/32
11	1 1/4	1 5/8-16UN-2A	35/64	1 3/32	1.270 1.274	13/32	13/64	2 1/4	2 7/8
12	1 1/2	1 7/8-16UN-2A	9/16	1 11/32	1.520 1.524	15/32	13/64	2 3/8	3 1/16

REQUIREMENTS:

Dimensions and configurations: See figure 1 and table I.

Material: Steel, in accordance with SAE-AMS-STD-66, AISI-C-1112, C1113, C1117, C1118 or C1137.

Finish: Cadmium plated, specification SAE-AMS-QQ-P-416, Type II, Class 3.

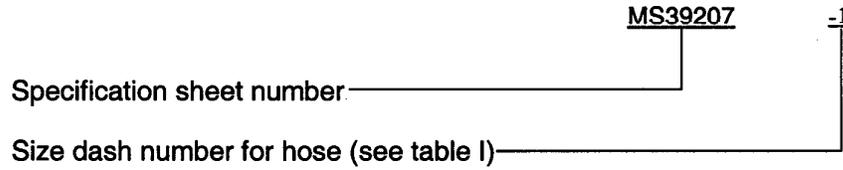
Tolerance: Unless otherwise specified, decimals $\pm .005$, fractions $\pm 1/64$, degrees $\pm 2^\circ$.

Threads: The threads shall be in accordance with FED-STD-H28/2.

NOTES:

1. Unless otherwise specified, dimensions are in inches.
2. Part number: The part number consists of MS number plus the dash number. The part number covers the complete item (with nuts and sleeves).

Example of a Military part number: MS39207-1



CONCLUDING MATERIAL

Custodians:
Army – AT
DLA – CC

Preparing activity:
DLA – CC

(Project 4730-2404-000)