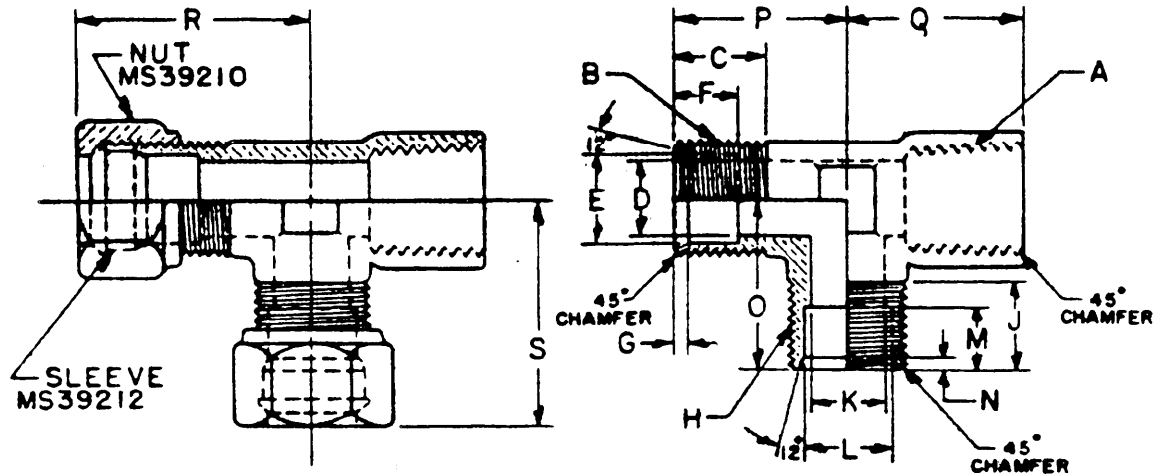


FED. SUP CLASS
4730

DETAIL OF BODY

DASH NO.	TUBE O.D.		A PIPE THREADS NPTF	B	C THREAD LENGTH	D	E	F	G	H	J	K	L	M	N
1	1/8	1/8	1/8	5/16-24UNF-2A	9/32	3/32	.135 .139	13/64	1/8	5/16-24UNF-2A	9/32	3/32	.135 .139	13/64	1/8
2	3/16	3/16	1/8	3/8-24UNF-2A	9/32	1/8	.196 .200	1/4	5/32	3/8-24UNF-2A	9/32	1/8	.196 .200	1/4	5/32
3	1/4	1/4	1/8	1/2-20UNF-2A	13/32	13/64	.261 .265	19/64	13/64	1/2-20UNF-2A	13/32	13/64	.261 .265	19/64	13/64
4	5/16	5/16	1/8	9/16-18UNF-2A	13/32	13/64	.324 .328	19/64	13/64	9/16-18UNF-2A	13/32	13/64	.324 .328	19/64	13/64
5	3/8	3/8	1/4	5/8-18UNF-2A	7/16	9/32	.386 .390	19/64	13/64	5/8-18UNF-2A	7/16	9/32	.386 .390	19/64	13/64
6	1/2	1/2	3/8	3/4-16UNF-2A	7/16	27/64	.514 .518	5/16	13/64	3/4-16UNF-2A	7/16	27/64	.514 .518	5/16	13/64
7	5/8	5/8	1/2	15/16-16UN-2A	15/32	1/2	.641 .645	11/32	15/64	15/16-16UN-2A	15/32	1/2	.641 .645	11/32	15/64
8	3/4	3/4	3/4	1 1/16-16UN-2A	15/32	21/32	.766 .770	11/32	13/64	1 1/16-16UN-2A	15/32	21/32	.766 .770	11/32	13/64

DASH NO.	O	P	Q	R	S
1	23/32	23/32	5/8	1 1/32	1 1/32
2	23/32	23/32	5/8	1 1/16	1 1/16
3	25/32	25/32	11/16	1 3/16	1 3/16
4	13/16	13/16	11/16	1 3/16	1 3/16
5	1	1	7/8	1 7/16	1 7/16
6	1 3/16	1 3/16	15/16	1 23/32	1 23/32
7	1 5/16	1 5/16	1 3/16	1 27/32	1 27/32
8	1 1/2	1 1/2	1 3/8	2 3/32	2 3/32

(E)

INACTIVE

FOR NEW DESIGN. USE FOR MAINTENANCE PURPOSES ONLY. FOR NEW DESIGN USE MS51822.

This military standard is approved for use by the US Army Tank-Automotive Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

P.A. ARMY-AT Other Cost	TITLE THIS, PIPE TO TUBE - SAFETY SLEEVE COMPRESSION TYPE, FEMALE PIPE END	MILITARY STANDARD MS39209(AT)
PROCUREMENT SPECIFICATION NONE	SUPersedes:	SHEET 1 OF 2

REQ. SUP. CLASS

4730

DASH NO.	TUBE O.D.		A PIPE THREADS NPTF	B	C THREAD LENGTH	D	E	F	G	H	J	K	L	M	N
9	7/8	7/8	3/4	3/16-16UN-2A	15/32	23/32	.891 .895	11/32	13/64	3/16-16UN-2A	15/32	23/32	.891 .895	11/32	13/64
10	1	1	1	5/16-16UN-2A	15/32	7/8	1.016 1.020	13/32	13/64	5/16-16UN-2A	15/32	7/8	1.016 1.020	13/32	13/64
11	1 1/4	1 1/4	1 1/4	5/8-16UN-2A	35/64	1 3/32	1.270 1.274	13/32	13/64	5/8-16UN-2A	35/64	1 3/32	1.270 1.274	13/32	13/64
12	1 1/2	1 1/2	1 1/2	7/8-16UN-2A	9/16	1 11/32	1.580 1.584	15/32	13/64	7/8-16UN-2A	9/16	1 11/32	1.580 1.584	15/32	13/64

DASH NO.	O	P	Q	R	S
9	1 1/2	1 1/2	1 3/8	2 3/32	2 3/32
10	1 5/8	1 5/8	1 5/8	2 3/16	2 3/16
11	1 5/16	1 5/16	2	2 9/16	2 9/16
12	2 3/8	2 3/8	2 1/8	3 1/16	3 1/16

MATERIAL: STEEL, IN ACCORDANCE WITH FEDERAL STANDARD NO. 66, AISI-C-1112, C-1113, C-1117, C-1118 OR C-1137.

FINISH: CADMIUM PLATED, SPECIFICATION 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 MIL-STD-188/2/8.

PART NUMBER: THE PART NUMBER CONSISTS OF MS NUMBER PLUS THE DASH NUMBER, EXAMPLE: MS 39209-1.

THE PART NUMBER COVERS THE COMPLETE ITEM (WITH NUTS AND SLEEVES).

NOTES: 1. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

2. THIS ILLUSTRATION IS FOR IDENTIFICATION AND IS NOT INTENDED TO RESTRICT DESIGNS OR SHAPES NOT DIMENSIONED.

INACTIVE—SEE SHEET L

APPROVED 24 APRIL 1962 REVISED

P.A. Other Cust	TITLE TUBES, PIPE TO TUBE - SAFETY SLEEVE CONNECTION TYPE, FEMALE PIPE END	MILITARY STANDARD MS39209(AT)
PROCUREMENT SPECIFICATION NONE	SUPPLEMENTAL	SHEET 2 OF 2

NOTICE
OF VALIDATION

MS39209E(AT)
NOTICE 1
18 September 1987

MILITARY SPECIFICATION

TEES, PIPE TO TUBE-SAFETY SLEEVE
COMPRESSION TYPE, FEMALE PIPE END

MS39209E(AT), dated 26 February 1982, has been reviewed and determined to be valid for maintenance purposes only.

Custodian:
Army - AT

Preparing activity:
Army - AT

AMSC N/A

FSC 4730

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