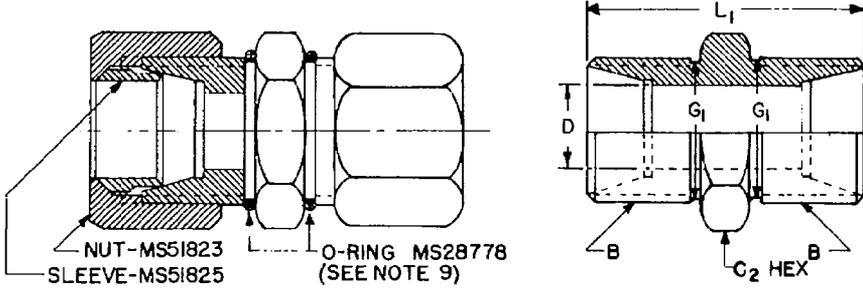


(C) User Activities:
 Army - GL
 Navy - OS, MC
 (C) Review Activities:
 Army - AT, HE
 Air Force - 82
 DLA - CS



DASH NUMBER		TUBE	E	C ₂	D	G ₁	L ₁
ASSY	*BODY	NOM O. D.	STRAIGHT THREAD CLASS 2A	HEX FLAT NOM	DIAMETER DRILL	DIA +0.002 -0.003	±0.02
1	2	1/8	5/16-24UNF	9/16	0.093	0.250	1.02
3	4	3/16	3/8-24UNF	5/8	0.125	0.313	1.11
5	6	1/4	7/16-20UNF	11/16	0.203	0.364	1.18
7	8	5/16	1/2-20UNF	3/4	0.234	0.427	1.18
9	10	3/8	9/16-18UNF	13/16	0.281	0.482	1.24
11	12	1/2	3/4-16UNF	1	0.422	0.660	1.42
13	14	5/8	7/8-14UNF	1-1/8	0.500	0.773	1.61
15	16	3/4	1-1/16-12UN	1-3/8	0.656	0.945	1.81
17	18	7/8	1-3/16-12UN	1-1/2	0.718	1.070	1.81
19	20	1	1-5/16-12UN	1-5/8	0.875	1.195	1.81
21	22	1-1/4	1-5/8-12UN	1-7/8	1.093	1.507	1.89
23	24	1-1/2	1-7/8-12UN	2-1/8	1.344	1.756	1.96
25	26	2	2-1/2-12UN	2-3/4	1.813	2.381	2.11

- NOTES:
- MATERIAL:** Steel, carbon in accordance with procurement specification.
Steel, corrosion-resisting in accordance with procurement specification.
 - PROTECTIVE COATING:** Cadmium plated in accordance with procurement specification.
Zinc plated in accordance with procurement specification.
Phosphate coating in accordance with procurement specification.
Passivation treatment in accordance with procurement specification.
 - DIMENSIONS AND TOLERANCES:** Dimensions and tolerances not shown shall be in accordance with the SAE Standard for Flareless Fittings (SAE J514).
 - THREADS:** Threads shall be in accordance with Screw-Thread Standards for Federal Services, FED-STD-H28.
 - PART NUMBER:** The MS part number consists of the MS number, plus the dash number and (for complete assembly) the applicable MS51825 sleeve style designator.
 - For complete assembly (with nuts and sleeves), cadmium plated, use the MS part number plus the assembly dash number and the sleeve style designator. Example: MS51856-1A or MS51856-1B.
 - For body only, cadmium plated, use the MS number and the body dash number. Example: MS51856-2.
 - For zinc coating add "Z" and (for complete assembly) the sleeve style designator to the dash number. Example: MS51856-1ZA or MS51856-1ZB or MS51856-2Z.
 - For phosphate coating add "P" and (for complete assembly) the sleeve style designator to the dash number. Example: MS51856-1PA or MS51856-1PB or MS51856-2P.
 - For corrosion-resisting steel add "SS" and (for complete assembly) the sleeve style designator to the dash number. Example: MS51856-1SSA or MS51856-1SSB or MS51856-2SS.
 - For design feature purpose, this standard takes precedence over procurement documents referenced herein.
 - Reference documents shall be of the issue in effect on date of invitations for bid.
 - The illustration is for identification and is not intended to restrict designs or shapes not dimensioned.
 - Procure the O-Rings separately and install immediately before installation of fittings.
 - After 25 April 1975, body part numbers will be used for production only and SHALL NOT be stocked for maintenance. Existing stock of bodies should be used until depleted.

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 This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

(C) P.A. AR	TITLE	MILITARY STANDARD MS51856
Other Cust SH 99	NIPPLE, TUBE, LARGE HEX, O-RING, FLARELESS TYPE, HYDRAULIC	
PROCUREMENT SPECIFICATION MIL-F-18866	SUPERSEDES	SHEET 1 OF 1

APPROVED 16 DEC 1968
 REVISED 17 APR 1970 (B) 25 APR 1975 (C) 30 July 1987