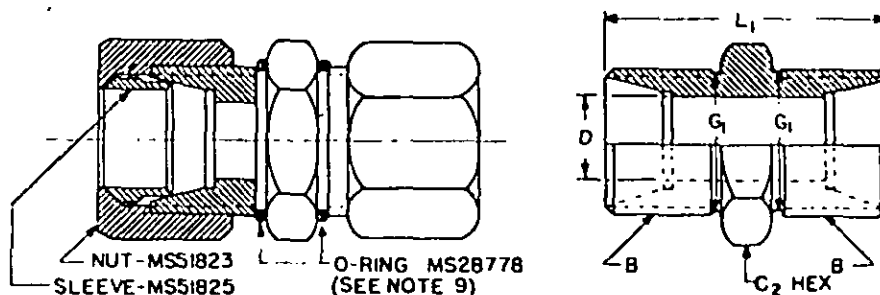


③ User Activities:  
Army - GL  
Navy - OS, MC

③ Review Activities:  
Army - AT, MC  
Air Force - 82  
NIA - CS

FED. SUP. CLASS  
4730



A DASH NUMBER		TUBE NOM O.D.	B STRAIGHT THREAD CLASS 2A	C <sub>2</sub> HEX FLAT NOM	D DIAMETER DRILL	G <sub>1</sub> DIA +0.002 -0.003	L <sub>1</sub>
ASSY	BODY						
1	2	1/8	5/16-24UNF	9/16	0.093	0.250	1.02
3	4	1/16	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	1/4-16UNF	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 plating in accordance with procurement specification.  
Zinc plating 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).

- ③ 4. **THREADS:** Threads shall be in accordance with Screw-Thread Standards for Federal Services, FED-STD-H28.

- ③ 5. **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.

③

③ Denotes change

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

DD FORM 672-1 (Coordinated)

PRECEDENCE OF THIS FORM AND DOCUMENT

4730-0099

APPROVED 16 DEC 1968 REVISED 17 APR 1970 25 APR 1975 30 July 1987

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