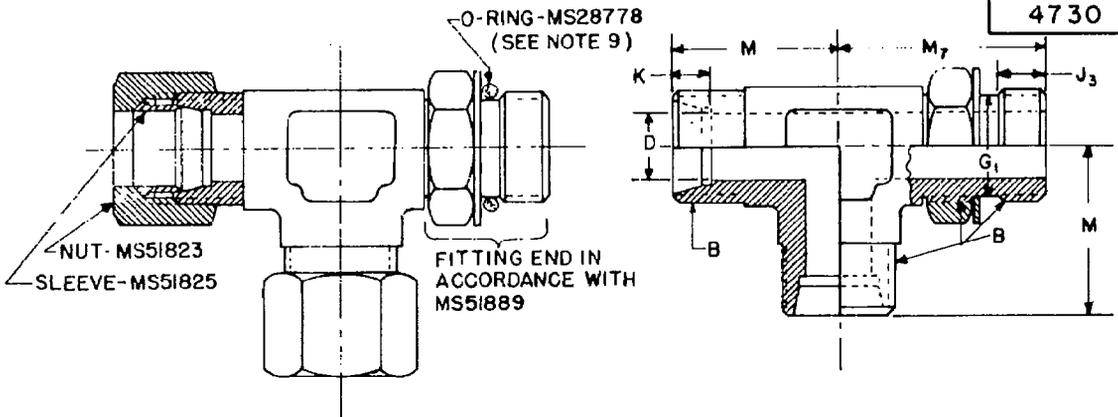


FED. SUP. CLASS  
4730



DASH NUMBER		TUBE	B	D	G <sub>1</sub>	J <sub>3</sub>	K	M	M <sub>7</sub>
ASSY	*BODY	O. D. NOM	STRAIGHT THREAD CLASS 2A	DIAMETER DRILL	DIAMETER +0.002 -0.003	FULL THREAD ±0.005	+0.015 -0.005	±0.03	±0.03
1	21	1/8	5/16-24UNF	0.093	0.250	0.234	0.188	0.77	0.91
2	22	3/16	3/8-24UNF	0.125	0.313	0.234	0.234	0.83	0.94
3	23	1/4	7/16-20UNF	0.203	0.364	0.281	0.234	0.89	1.03
4	24	5/16	1/2-20UNF	0.234	0.427	0.281	0.250	0.95	1.09
5	25	3/8	9/16-18UNF	0.281	0.482	0.312	0.250	1.05	1.25
6	26	1/2	3/4-16UNF	0.422	0.660	0.344	0.305	1.25	1.45
7	27	5/8	7/8-14UNF	0.500	0.773	0.391	0.350	1.42	1.70
8	28	3/4	1-1/16-12UN	0.656	0.945	0.469	0.350	1.58	1.94
9	29	7/8	1-3/16-12UN	0.718	1.070	0.469	0.350	1.62	2.00
10	30	1	1-5/16-12UN	0.875	1.195	0.469	0.415	1.73	2.05
11	31	1-1/4	1-5/8-12UN	1.093	1.507	0.469	0.415	1.89	2.25
12	32	1-1/2	1-7/8-12UN	1.344	1.756	0.469	0.485	2.02	2.39
13	33	2	2-1/2-12UN	1.813	2.381	0.469	0.485	2.45	2.89

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 SAE Standard for Flareless Tube 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 number, plus the assembly dash number and the sleeve style designator. Example: MS51892-1A or MS51892 1B.
  - For body only, cadmium plated, use the MS number and the body dash number. Example: MS51892-71.
  - For zinc coating add "Z" and (for complete assembly) the sleeve style designator to the dash number. Example: MS51892-1ZA or MS51892-1ZB or MS51892-21Z.
  - For phosphate coating add "P" and (for complete assembly) the sleeve style designator to the dash number. Example: MS51892-1PA or MS51892-1PB or MS51892-21P.
  - For corrosion-resisting steel add "SS" and (for complete assembly) the sleeve style designator to the dash number. Example: MS51892-1SSA or MS51892-1SSB or MS51892-21SS.
- For design feature purposes, 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-Ring separately and install immediately before installation of the fitting.
- The bodies will be used for production only and shall not be stocked for maintenance.

(A) Denotes change

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 DLA - CS

P.A. AR Other Cust SH 99	TITLE <b>TEE, TUBE TO BOSS, BOSS ON RUN, O-RING, FLARELESS TYPE, HYDRAULIC</b>	<b>MILITARY STANDARD</b>
PROCUREMENT SPECIFICATION MIL-F-18866	SUPERSEDES	<b>MS51892</b>
		SHEET 1 OF 1

APPROVED 25 APR 1975 REVISED (A) 30 July 1987