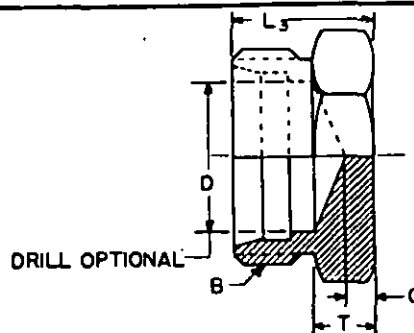
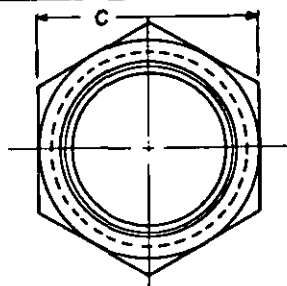


FED. SUP CLASS
4730

DASH NUMBER	TUBE O.D. NOM	B STRAIGHT THREAD CLASS 2A	C HEX FLAT NOM	D DIAMETER DRILL	T REF	L ₃ ±0.02	Q MIN
1	1/8	5/16-24UNF	7/16	0.093	0.22	0.63	0.11
2	3/16	3/8-24UNF	7/16	0.125	0.22	0.68	0.11
3	1/4	7/16-20UNF	1/2	0.203	0.22	0.71	0.11
4	5/16	1/2-20UNF	9/16	0.234	0.22	0.71	0.12
5	3/8	9/16-18UNF	5/8	0.281	0.25	0.75	0.12
6	1/2	3/4-16UNF	13/16	0.422	0.25	0.85	0.16
7	5/8	7/8-14UNF	15/16	0.500	0.31	0.97	0.16
8	3/4	1-1/16-12UN	1-1/8	0.656	0.38	1.10	0.19
9	7/8	1-3/16-12UN	1-1/4	0.718	0.38	1.10	0.19
10	1	1-5/16-12UN	1-3/8	0.875	0.38	1.10	0.19
11	1-1/4	1-5/8-12UN	1-11/16	1.093	0.46	1.18	0.23
12	1-1/2	1-7/8-12UN	2	1.344	0.53	1.25	0.23
13	2	2-1/2-12UN	2-5/8	1.813	0.68	1.40	0.33

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 coated 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 Standards for Flareless Tube Fittings (SAE J514).
- THREADS:** Threads shall be in accordance with Screw-Thread Standards for Federal Services, Handbook H28.
- PART NUMBER:** The MS part number consists of the MS number plus the dash number.
A. For cadmium plated use the MS number plus the dash number.
Example: MS51891-1.
B. For zinc coating add (Z) to the dash number. Example: MS51891-1Z.
C. For phosphate coating add (P) to the dash number. Example: MS51891-1P.
D. For corrosion-resisting add (SS) to the dash number. Example: MS51891-1SS.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Referenced 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.

P.A. WC	TITLE	MILITARY STANDARD
Other Cust SH 82	PLUG, TUBE FITTING, THREADED, FLARELESS TYPE, HYDRAULIC	MS51891
PROCUREMENT SPECIFICATION MIL-F-18866	SUPERSEDES:	SHEET 1 OF 1