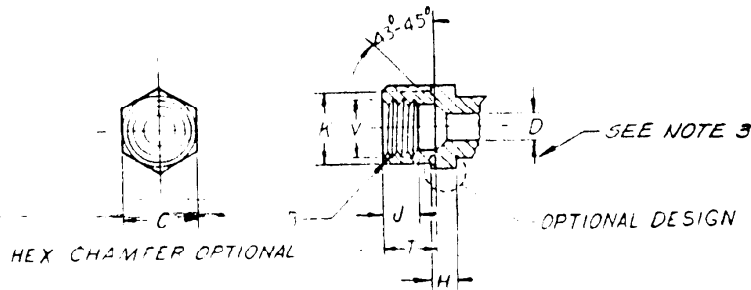


FED. SUP CLASS  
4730



(C) FLARE SIZES AND DIMENSIONS

Flare Size	Thread B	Pitch Dia.	Minor Dia.	Hex. C	Min. Full Thread J	Depth T	Counterbore Diameter V	Length E	Dia. K
1/4	7/16 - 20	0.4050-0.4104	0.3890-0.3916	0.625	0.27	0.340	0.45-0.47	0.24	Hex.
3/8	7/8 - 18	0.5889-0.5939	0.5650-0.5730	0.811	0.34	0.438	0.64-0.67	0.30	C
1/2	3/4 - 16	0.7054-0.7159	0.6820-0.6900	0.918	0.44	0.531	0.77-0.80	0.37	+0.000
5/8	7/8 - 14	0.8286-0.8356	0.7960-0.8060	1.064	0.55	0.656	0.90-0.93	0.43	-0.016
3/4	1-1/16 - 14	1.0161-1.0240	0.9850-0.9940	1.313	0.67	0.791	1.08-1.11	0.49	

NOTES:

1. THE FLARE SIZE SHALL CORRESPOND TO THE OUTSIDE DIAMETER OF THE TUBING.
2. ALL DIMENSIONS IN INCHES.
3. DIMENSIONS AND TOLERANCES NOT SHOWN SHALL BE IN ACCORDANCE WITH SAE HANDBOOK FOR REFRIGERATION FITTINGS, SAE J513.
4. MINIMUM ACROSS CORNER DIMENSIONS OF HEXAGONS SHALL BE 1.092 TIMES THE NOMINAL WIDTH ACROSS THE FLATS OF THE HEXAGON.
5. THREADS SHALL CONFORM TO CLASS 2B OF ANSI B1.1 WITH MINOR DIAMETERS MODIFIED TO CLASS 3B LIMITS.
6. FITTING SEATS MUST BE CONCENTRIC WITH STRAIGHT THREAD PITCH DIAMETERS WITHIN 0.010 INCH TOTAL INDICATOR READING.
7. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
8. REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON THE DATE OF INVITATION FOR BIDS OR REQUEST FOR PROPOSAL.

REVISED 1969  
ARMY - 65  
NAVY - 70  
USAF - 82  
DA

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

APPROVED 9 JAN 1958 REVISED (A) 22 MAR 1963 (B) 10 APR 1969 (C) 8 MAY 1970

**THIS IS A DESIGN STANDARD AND SHALL NOT BE USED AS A PART NUMBER**

P.A. ARMY - 65 Other Cust NAVY - 70 USAF - 82	TITLE CONNECTION END, INTERNAL FLARE, REFRIGERATION	MILITARY STANDARD <b>MS 35867</b>
PROCUREMENT SPECIFICATION NONE	SUPERSEDES	SHEET 1 OF 1



VALIDATION

MS 35867C  
NOTICE 1  
31 October 1986

MILITARY SPECIFICATION

CONNECTION END, INTERNAL FLARE, REFRIGERATION

Military standard MS 35867C dated 8 May 1970 has been reviewed and determined to be current.

Custodians

Army - GL  
Navy - YD  
Air Force - 99

Preparing Activity:  
Army - GL

Review Activities

Army - ME  
DLA - GS

User Activities

Navy - MC, SH

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