

USER SYMBOLS:
ARMY - G, EL, ME, AT

REVIEW SYMBOLS:
NAVY - AS
USAF - SC
ARMY - AY, MI
DLA - CS

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AMSC N/A

FED. SUP CLASS 4730												
SIZE	TUBE OD	THREAD T MIL-S-8879	A	B	C	D	E	F	G	H	J ±.005	K ±.003
LOW FLOW 4	1/4	.4375-20 UNJF-3A	3.162	2.094	1.726	1.540	1.354	.726	.540	.354	.363	.189
HIGH FLOW 4	1/4	.4375-20 UNJF-3A	3.737	2.469	2.077	1.820	1.563	.891	.634	.377	.363	.300
HIGH FLOW 5	5/16	.5000-20 UNJF-3A	3.737	2.469	2.077	1.820	1.563	.891	.634	.377	.425	.300
HIGH FLOW 6	3/8	.5625-18 UNJF-3A	3.737	2.469	2.077	1.820	1.563	.891	.634	.377	.480	.300
HIGH FLOW 8	1/2	.7500-16 UNJF-3A	3.737	2.469	2.077	1.820	1.563	.891	.634	.377	.659	.300

SIZE	TUBE OD	THREAD T MIL-S-8879	L ±.005	M ±.0004	N	P
LOW FLOW 4	1/4	.4375-20 UNJF-3A	.433	.4989	.425	.060
HIGH FLOW 4	1/4	.4375-20 UNJF-3A	.740	.8114	.738	.065
HIGH FLOW 5	5/16	.5000-20 UNJF-3A	.740	.8114	.738	.065
HIGH FLOW 6	3/8	.5625-18 UNJF-3A	.740	.8114	.738	.065
HIGH FLOW 8	1/2	.7500-16 UNJF-3A	.740	.8114	.738	.065

(C) DENOTES CHANGES

"DESIGN STANDARD"

P.A. Navy - AS Other Cust USAF - 99 Army - AV	INTERNATIONAL INTEREST SEE NOTE 8	TITLE FITTING END, BOLT CLUSTER FITTING, DOUBLE PORT, THROUGH, FLARELESS	MILITARY STANDARD MS21935
PROCUREMENT SPECIFICATION NONE		SUPERSEDES: MS21935 (ASG) (C)	SHEET 1 OF 2

FED. SUP CLASS
4730**NOTES:**

1. ALL OUTSIDE MACHINED SURFACES FINISHED TO 125 RHR MAX, EXCEPT AS NOTED.
2. ALL INSIDE MACHINED SURFACES FINISHED TO 250 RHR MAX, EXCEPT AS NOTED.
3. H MACHINED SURFACES FINISHED TO 16 RHR MAX AND CONCENTRIC TO EACH OTHER WITHIN .0005 TIR.
- (C) 4. SURFACE FINISH IN ACCORDANCE WITH ANSI B46.1.
5. L AND H DIA AND THREAD T MUST BE CONCENTRIC WITHIN .005 TIR.
6. FITTINGS SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS.
7. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .010$, ANGLES $\pm 1/2^\circ$.
8. CERTAIN PROVISIONS (SCREW THREADS) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ASQC AIR STD 17/15. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.
- (C) 9. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
- (C) 10. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DoDISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.
- (C) 11. THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

USE SYMBOLS
ARMY - GL, EL, ME, AT

REVIEWED SYMBOLS
NAVY - AS
USAF - 92
ARMY - AV, AT
DIA - CS

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AMSC N/A

P.A. NAVY - AS Other Cust USAF - 99 ARMY - AV	INTERNATIONAL INTEREST SEE NOTE 8	TITLE ... FITTING END, BOLT CLUSTER FITTING, DOUBLE PORT, THROUGH, FLARELESS	MILITARY STANDARD MS21935
PROCUREMENT SPECIFICATION NONE	SUPERSEDES: MS21935 (ASC) (C)		SHEET 2 OF 2

DD FORM 1 MAR 79 672-1 (Coordinate)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 15 FEB 56 REVISED (C) FOR CHANGES SEE SHEETS 1 AND 2