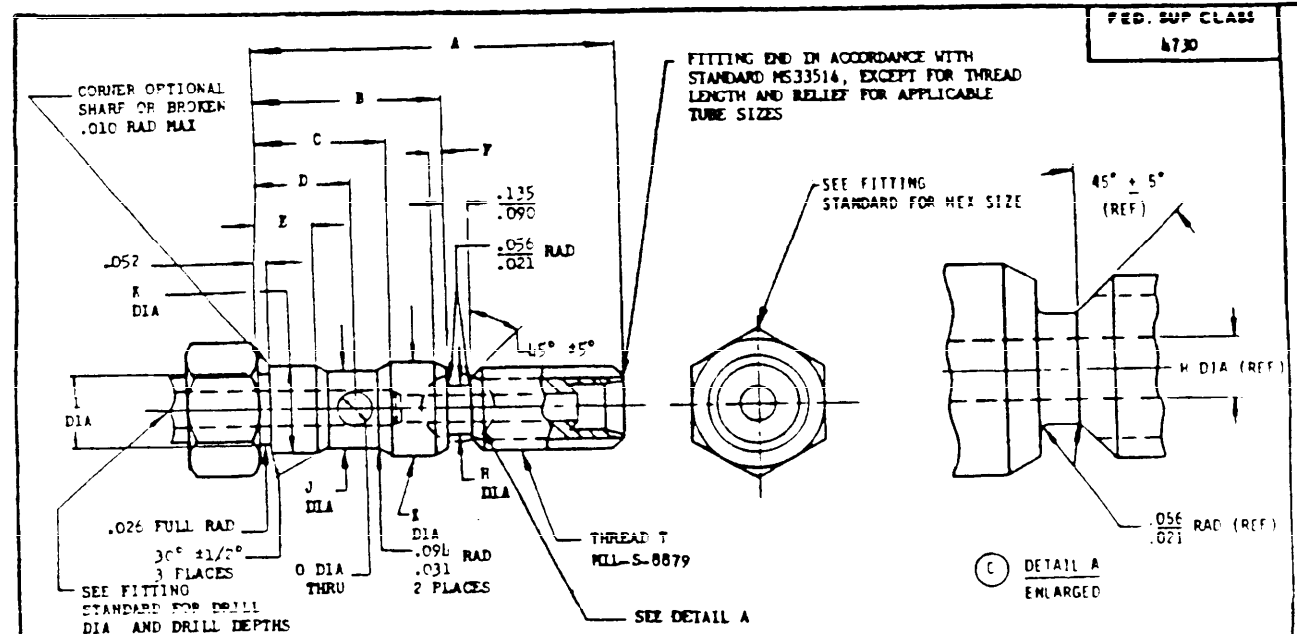


USE SYMBOLS  
ARMY - CR, RE, AT  
NAVY - AS  
USAF - RZ  
ARMY - AV  
DIA - CS

REVIEW SYMBOLS  
NAVY - AS  
USAF - RZ  
ARMY - AV  
DIA - CS

"Revised" later information is current as of the date of this revision.  
For future comparison of changes in this document, drill variations  
should be based on the information in the current DD Form.

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engineering and design specifications and for revisions thereto shall be  
made from this document.



SIZE	TUBE OD	THREAD T MIL-S-8879	A	B	C	D	E	F	G ±.003	H ±.005	J ±.005
LOW FLOW 4	1/4	.4375-20 UNJT-3A	2.072	1.087	.726	.540	.354	.060	.189	.364	.433
HIGH FLOW 4	1/4	.4375-20 UNJT-3A	2.252	1.274	.891	.634	.377	.065	.300	.364	.740
HIGH FLOW 5	5/16	.5000-20 UNJT-3A	2.353	1.274	.891	.634	.377	.065	.300	.487	.740
HIGH FLOW 6	3/8	.5625-18 UNJT-3A	2.355	1.274	.891	.634	.377	.065	.300	.480	.740
HIGH FLOW 8	1/2	.7500-16 UNJT-3A	2.460	1.274	.891	.634	.377	.065	.300	.600	.740

SIZE	TUBE OD	THREAD T MIL-S-8879	F ±.0004	I
LOW FLOW 4	1/4	.4375-20 UNJT-3A	.4989	.425
HIGH FLOW 4	1/4	.4375-20 UNJT-3A	.8114	.738
HIGH FLOW 5	5/16	.5000-20 UNJT-3A	.8114	.738
HIGH FLOW 6	3/8	.5625-18 UNJT-3A	.8114	.738
HIGH FLOW 8	1/2	.7500-16 UNJT-3A	.8114	.738

## "DESIGN STANDARD"

- ALL OUTSIDE MACHINED SURFACES FINISHED TO 125 RHF MAX, EXCEPT AS NOTED.
- ALL INSIDE MACHINED SURFACES FINISHED TO 250 RHF MAX, EXCEPT AS NOTED.
- K MACHINED SURFACES FINISHED TO 16 RHF MAX AND CONCENTRIC TO EACH OTHER WITHIN .0005 TIR.
- SURFACE FINISH IN ACCORDANCE WITH ANSI B46.1.
- J AND K DIA AND THREAD T MUST BE CONCENTRIC WITHIN .005 TIR.
- FITTINGS SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .010, ANGLES ± 1/2°.
- 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.
- REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DDISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.
- CERTAIN PROVISIONS (SCREW THREADS) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ASSC 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.
- THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

INACTIVE FOR NEW DESIGN AFTER 31 DEC 1987

C DENOTES CHANGE

P.A. Navy - AS Other Cost USAF - 99 Army - AS	INTERNATIONAL INTEREST SEE NOTE 10	TITLE FITTING BWD. BOLT CLUSTER FITTING, SINGLE PORT THROUGH, PAIRLESS	MILITARY STANDARD MS21933
PROCUREMENT SPECIFICATION NONE	SUPERSEDES MS21933(ASG)	C	SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
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