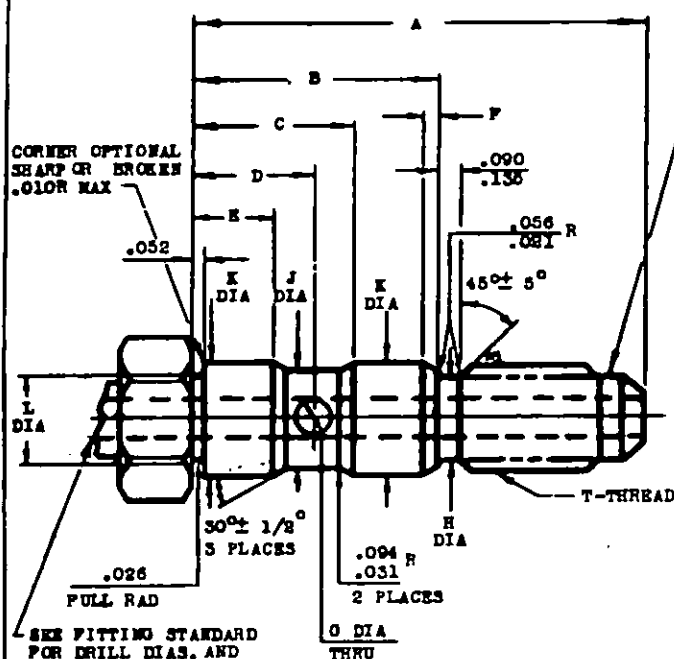


USER ACTIVITIES

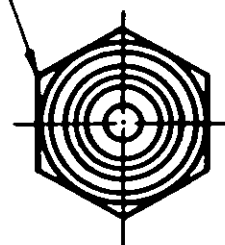
REVIEWER ACTIVITIES

This military standard is approved for use by all Departments and Agencies of the Department of Defense in lieu of the Department of Defense Military Standardization Handbook (DHS) for the selection for all new engineering and design applications and for repetitive use shall be made from this document.



-FITTING END IN ACCORDANCE WITH AND-10056 EXCEPT FOR THREAD LENGTH AND RELIEF FOR APPLICABLE TUBE SIZE.

- SEE FITTING STANDARD
FOR HEX. SIZE.



**DIMENSIONS FOR SIZE 4
LOW FLOW LISTED BELOW
ARE CONSTANT FOR ALL
LOW FLOW FITTINGS**

FITTINGS											
SIZE	TUBE O.D.	THREAD T (REF)	A	B	C	D	E	F	G +.003	H +.005	J +.008
LOW FLOW 4	250	.4375-20 UNF-3A	2.072	1.087	.726	.540	.354	.060	.189	.364	.433
HIGH FLOW 4	250	.4375-20 UNF-3A	2.353	1.274	.891	.634	.377	.065	.300	.364	.740
HIGH FLOW 8	3125	.500-20 UNF-3A	2.353	1.274	.891	.634	.377	.065	.300	.427	.740
HIGH FLOW 6	3750	.5625-18 UNF-3A	2.359	1.274	.891	.634	.377	.065	.300	.482	.740
HIGH FLOW 8	500	.750-16 UNF-3A	2.460	1.274	.891	.634	.377	.065	.300	.660	.740

SIZE	TUBE O.D.	THREAD T (REF)	K +.0004	L
LOW FLOW 4	.250	.4375-20 UNF-3A	.4989	.425
HIGH FLOW 4	.250	.4375-20 UNF-3A	.8114	.738
HIGH FLOW 6	.3125	.500-20 UNF-3A	.8114	.738
HIGH FLOW 6	.3750	.5625-18 UNF-3A	.8114	.738
HIGH FLOW 8	.500	.750-16 UNF-3A	.8114	.738

(a) UNIFIED THREAD CLASS 3A MAY BE
ALL OUTSIDE MACHINED SURFACES FINISHED TO 125 R.M.S. MAX. EXCEPT AS NOTED.
ALL INSIDE MACHINED SURFACES FINISHED TO 250 R.M.S. MAX. EXCEPT AS NOTED.
"X" MACHINED SURFACES FINISHED TO 16 R.M.S. MAX. AND CONCENTRIC TO EACH OTHER WITHIN .0005 FULL INDICATOR
READING.
"J" AND "K" DIA'S. AND THRD.'S MUST BE CONCENTRIC WITHIN .005 FULL INDICATOR READING.

FITTINGS SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.
DIMENSIONS IN INCHES; TOLERANCE $\pm .010$ UNLESS OTHERWISE SPECIFIED. ANGLES $\pm 1/2^\circ$ UNLESS OTHERWISE SPECIFIED.

(A) DENOTES CHARGES

THIS IS A DESIGN STANDARD. NOT USED AS A PART NUMBER

P. A. AF-82 (A) Other Cust AIR FORCE-99 NAVY-AS		INTERNATIONAL INTEREST	TITLE FITTING END - BOLT CLUSTER FITTING SINGLE PORT THROUGH-FLARE.	MILITARY STANDARD MS 21947
PROCUREMENT SPECIFICATION NONE		SUPERSEDES:		SHEET 1 OF 1