

GRAPHICS REDRAWN FOR BETTER CLARITY. "INACTIVE" REPLACED BY "NOT RECOMMENDED" ON SHEET 1 AND NOTE /13/. REVISE THREAD S SIZES IN TABLE 2A TO COINCIDE WITH TABLE 2B AND SIZES SPECIFIED ON REV NC. TYPO CORRECTED FOR DIM H FOR SIZE -10H. TABLE 3 UPDATED SHOWING PREVIOUS AND CURRENT PART NUMBERS. QPL NOTE UPDATED TO CURRENT VERBIAGE. REFERENCED STANDARDS UPDATED TO CURRENT NOMENCLATURE. NOTE 15. INVENTORY DISPOSITION NOTE ADDED. NOTE 16. PART MARKING NOTE ADDED.

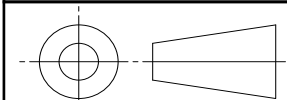
THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S MILITARY STANDARD MS21940D. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.



LOW FLOW SIZE DASH NO.	TUBE OD	THREAD S AS8879 CLASS 3A	THREAD T AS8879 CLASS 3A	A REF	B	C ±.062	D +.000 -.015
-3L	.1875	.3750-24 UNJF	.4375-20 UNJF	2.531	3.265	--	.621
-4L	.2500	.4375-20 UNJF	.4375-20 UNJF	2.531	3.328	--	.684
-5L	.3125	.5000-20 UNJF	.4375-20 UNJF	2.531	3.390	--	.746
-6L	.3750	.5625-18 UNJF	.4375-20 UNJF	2.531	3.437	.663	.871
-8L	.5000	.7500-16 UNJF	.4375-20 UNJF	2.531	3.530	.656	.996

PART NOT RECOMMENDED /13/

THIRD ANGLE PROJECTION



PROCUREMENT SPECIFICATION: AS18280 /9/



(R) BOLT, CLUSTER FITTING,
DOUBLE PORT
FLARELESS

AS21940™
SHEET 1 OF 4

REV.
B

Full document details: SAE AS21940B

TABLE 1B - BOLT, CLUSTER FITTING, DOUBLE PORT, FLARELESS, LOW FLOW, DIMENSIONS E-H

LOW FLOW SIZE DASH NO.	TUBE OD	E ±.062	F ±.003	H - HEX		WT LB EACH APPROX
				MIN	MAX	
-3L	.1875	2.568	.125	.621	.628	.061
-4L	.2500	2.653	.187	.684	.691	.062
-5L	.3125	2.715	.234	.746	.753	.069
-6L	.3750	2.725	.234	.871	.878	.076
-8L	.5000	2.780	.234	.996	1.003	.096

TABLE 2A - BOLT, CLUSTER FITTING, DOUBLE PORT, FLARELESS, HIGH FLOW, DIMENSIONS A-D

HIGH FLOW SIZE DASH NO.	TUBE OD	THREAD S AS8879 CLASS 3A	THREAD T AS8879 CLASS 3A	A REF	B	C ±.062	D +.000 -.015
-6H	.3750	.5625-18 UNJF	.5625-18 UNJF	2.969	3.875	--	.871
-8H	.5000	.7500-16 UNJF	.5625-18 UNJF	2.969	3.875	--	.996
-10H	.6250	.8750-14 UNJF	.5625-18 UNJF	2.969	3.875	.812	1.121

TABLE 2B - BOLT, CLUSTER FITTING, DOUBLE PORT, FLARELESS, HIGH FLOW, DIMENSIONS E-H

HIGH FLOW SIZE DASH NO.	TUBE OD	E ±.062	F ±.003	H - HEX		WT LB EACH APPROX
				MIN	MAX	
-6H	.3750	3.162	.297	.871	.878	.164
-8H	.5000	3.218	.422	.996	1.003	.159
-10H	.6250	3.242	.422	1.121	1.128	.166

NOTES:

1. MATERIALS: ALUMINUM ALLOY 7075. SEE PROCUREMENT SPECIFICATION.
2. FINISH: REFER TO PROCUREMENT SPECIFICATION.
3. REMOVE BURRS AND SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
4. INSTALLATION IN ACCORDANCE WITH MS21931.
5. SURFACE TEXTURE: REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, ALL OUTSIDE MACHINED SURFACES TO BE 125 MICROINCHES Ra AND ALL INSIDE SURFACES TO BE 250 MICROINCHES Ra.
6. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010, ANGLES ±0°30'.
7. DIMENSIONING AND TOLERANCING: ASME Y14.5M-1994.

	AEROSPACE STANDARD		AS21940™ SHEET 2 OF 4	REV. B
	(R) BOLT, CLUSTER FITTING, DOUBLE PORT FLARELESS			



Documents

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