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REV.
A

AS21939

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS21939A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

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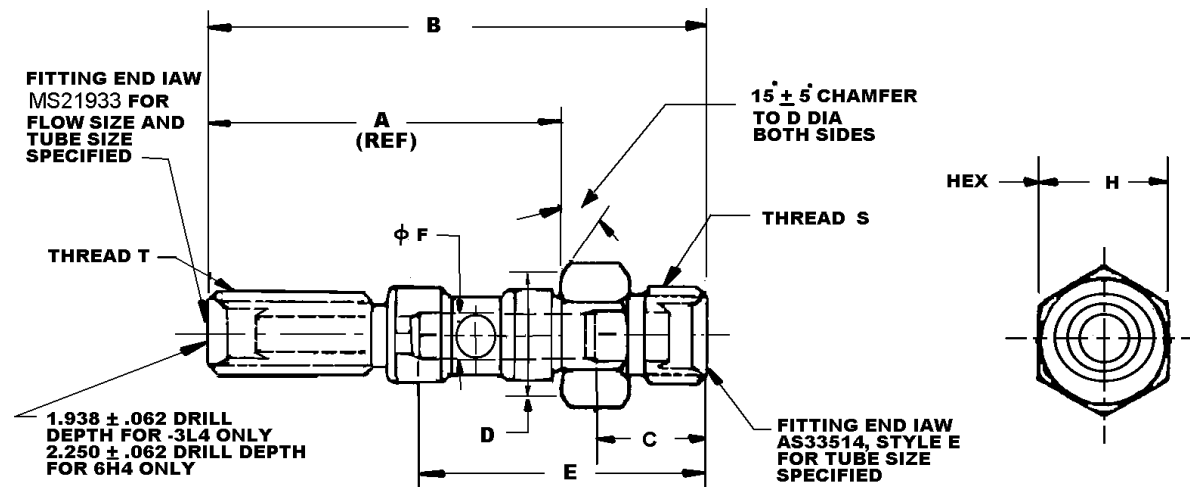


FIGURE 1 - BOLT, CLUSTER FITTING, SINGLE PORT THROUGH, FLARELESS, DIMENSIONS AND CONFIGURATION

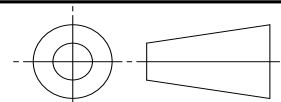
TABLE 1A - BOLT, CLUSTER FITTING, SINGLE PORT, THROUGH, FLARELESS, LOW FLOW, DIMENSIONS (A TO D)

LOW FLOW SIZE DASH NO.	TUBE OD	THREAD S AS8879	TUBE OD	THREAD T AS8879	A REF	B	C ±.062	D +.000 -.015
-3L4	.1875	.3750-24 UNJF-3A	.2500	.4375-20 UNJF-3A	2.072	2.806	THRU	.621
-4L4	.2500	.4375-20 UNJF-3A	.2500	.4375-20 UNJF-3A	2.072	2.869	THRU	.684
-5L4	.3125	.5000-20 UNJF-3A	.2500	.4375-20 UNJF-3A	2.072	2.931	--	.746
-6L4	.3750	.5625-18 UNJF-3A	.2500	.4375-20 UNJF-3A	2.072	2.978	.663	.871
-8L4	.5000	.7500-16 UNJF-3A	.2500	.4375-20 UNJF-3A	2.072	3.071	.656	.996

INACTIVE PART /14/

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /10/



AEROSPACE STANDARD

(R) BOLT, CLUSTER FITTING,
SINGLE PORT
THROUGH, FLARELESS

AS21939
SHEET 1 OF 4

REV.
A

Documents

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TABLE 1B - BOLT, CLUSTER FITTING, SINGLE PORT, THROUGH, FLARELESS,
LOW FLOW DIMENSIONS (E TO H)

LOW FLOW SIZE DASH NO.	TUBE OD	THREAD S AS8879	TUBE OD	THREAD T AS8879	E ±.062	F ±.003	H HEX		WT LB EACH APPROX
							MIN	MAX	
-3L4	.1875	.3750-24 UNJF-3A	.2500	.4375-20 UNJF-3A	--	.187	.621	.628	.012
-4L4	.2500	.4375-20 UNJF-3A	.2500	.4375-20 UNJF-3A	1.715	.187	.684	.691	.014
-5L4	.3125	.5000-20 UNJF-3A	.2500	.4375-20 UNJF-3A	1.750	.234	.746	.753	.017
-6L4	.3750	.5625-18 UNJF-3A	.2500	.4375-20 UNJF-3A	1.750	.234	.871	.878	.022
-8L4	.5000	.7500-16 UNJF-3A	.2500	.4375-20 UNJF-3A	1.844	.234	.996	1.003	.030

TABLE 2A - BOLT, CLUSTER FITTING, SINGLE PORT, THROUGH, FLARELESS,
HIGH FLOW, DIMENSIONS (A TO D)

HIGH FLOW SIZE DASH NO.	TUBE OD	THREAD S AS8879	TUBE OD	THREAD T AS8879	A REF	B	C ±.062	D +.000 -.015
-6H4	.3750	.5625-18 UNJF-3A	.2500	.4375-20 UNJF-3A	2.353	3.259	--	.871
-6H5	.3750	.5625-18 UNJF-3A	.3125	.5000-20 UNJF-3A	2.353	3.259	--	.871
-6H6	.3750	.5625-18 UNJF-3A	.3750	.5625-18 UNJF-3A	2.359	3.265	THRU	.871
-6H8	.3750	.5625-18 UNJF-3A	.5000	.7500-20 UNJF-3A	2.460	3.366	THRU	.871
-8H4	.5000	.7500-16 UNJF-3A	.2500	.4375-20 UNJF-3A	2.353	3.352	--	.996
-8H5	.5000	.7500-16 UNJF-3A	.3125	.5000-20 UNJF-3A	2.353	3.352	--	.996
-8H6	.5000	.7500-16 UNJF-3A	.3750	.5625-18 UNJF-3A	2.359	3.358	--	.996
-8H8	.5000	.7500-16 UNJF-3A	.5000	.7500-16 UNJF-3A	2.460	3.459	THRU	.996
-10H4	.6250	.8750-14 UNJF-3A	.2500	.4375-20 UNJF-3A	2.353	3.415	.812	1.121
-10H5	.6250	.8750-14 UNJF-3A	.3125	.5000-20 UNJF-3A	2.353	3.415	.812	1.121
-10H6	.6250	.8750-14 UNJF-3A	.3750	.5625-18 UNJF-3A	2.359	3.421	.812	1.121
-10H8	.6250	.8750-14 UNJF-3A	.5000	.7500-16 UNJF-3A	2.460	3.522	.812	1.121

TABLE 2B - BOLT, CLUSTER FITTING, SINGLE PORT, THROUGH, FLARELESS,
HIGH FLOW, DIMENSIONS (E TO H)

HIGH FLOW SIZE DASH NO.	TUBE OD	THREAD S AS8879	TUBE OD	THREAD T AS8879	E ±.062	F ±.003	H - HEX		WEIGHT LB EACH APPROX
							MIN	MAX	
-6H4	.3750	.5625-18 UNJF-3A	.2500	.4375-20 UNJF-3A	1.913	.297	.871	.878	.087
-6H5	.3750	.5625-18 UNJF-3A	.3125	.5000-20 UNJF-3A	1.913	.297	.871	.878	.090
-6H6	.3750	.5625-18 UNJF-3A	.3750	.5625-18 UNJF-3A	THRU	.297	.871	.878	.094
-6H8	.3750	.5625-18 UNJF-3A	.5000	.7500-20 UNJF-3A	--	.422	.871	.878	.097
-8H4	.5000	.7500-16 UNJF-3A	.2500	.4375-20 UNJF-3A	2.030	.422	.996	1.003	.099
-8H5	.5000	.7500-16 UNJF-3A	.3125	.5000-20 UNJF-3A	2.030	.422	.996	1.003	.105
-8H6	.5000	.7500-16 UNJF-3A	.3750	.5625-18 UNJF-3A	2.030	.422	.996	1.003	.110
-8H8	.5000	.7500-16 UNJF-3A	.5000	.7500-16 UNJF-3A	THRU	.422	.996	1.003	.116
-10H4	.6250	.8750-14 UNJF-3A	.2500	.4375-20 UNJF-3A	2.055	.422	1.121	1.128	.091
-10H5	.6250	.8750-14 UNJF-3A	.3125	.5000-20 UNJF-3A	2.055	.422	1.121	1.128	.109
-10H6	.6250	.8750-14 UNJF-3A	.3750	.5625-18 UNJF-3A	2.055	.422	1.121	1.128	.125
-10H8	.6250	.8750-14 UNJF-3A	.5000	.7500-16 UNJF-3A	THRU	.422	1.121	1.128	.135

	AEROSPACE STANDARD	AS21939 SHEET 2 OF 4 	REV. A
	(R) BOLT, CLUSTER FITTING, SINGLE PORT THROUGH, FLARELESS		

