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AS21938

FEDERAL SUPPLY CLASS
4730

NOTICE

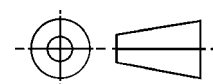
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THIRD ANGLE PROJECTION



ISSUED 1998-05 REAFFIRMED 2004-04

PREPARED BY COMMITTEE G-3

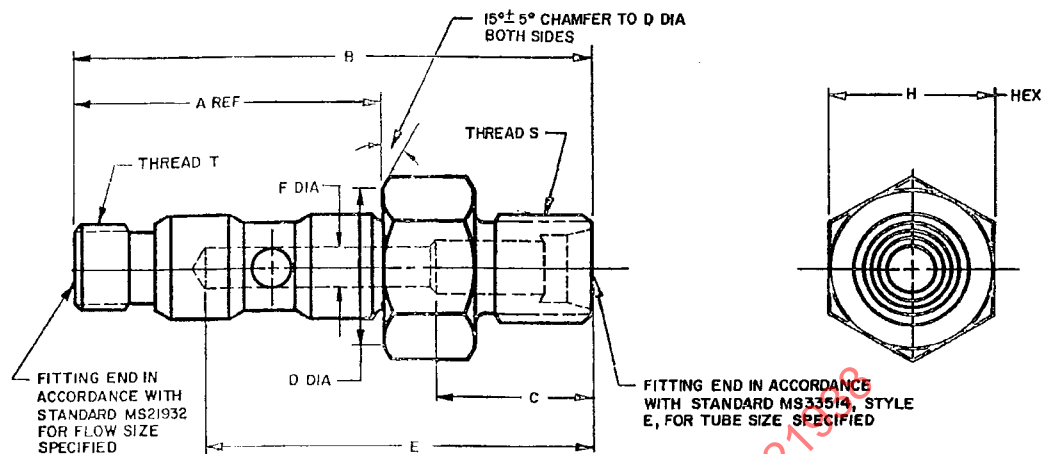
SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

BOLT, CLUSTER FITTING, SINGLE PORT
FLARELESS

AS21938
SHEET 1 OF 3

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-F-18280.



LOW FLOW SIZE DASH NUMBER	TUBE OD	THREAD S MIL-S-8879	THREAD T MIL-S-8879	A REF	B	C ±.062	D +.000 -.015	E ±.062	F ±.003	H HEX	LB	WT MAX
-3L	3/16	.3750-24 UNJF-3A	.4375-20 UNJF-3A	1.438	2.172	----	.621	1.568	.125	.621 .628		.012
-4L	1/4	.4375-20 UNJF-3A	.4375-20 UNJF-3A	1.438	2.235	----	.684	1.653	.187	.684 .691		.014
-5L	5/16	.5000-20 UNJF-3A	.4375-20 UNJF-3A	1.438	2.297	----	.746	1.715	.234	.746 .753		.015
-6L	3/8	.5625-18 UNJF-3A	.4375-20 UNJF-3A	1.438	2.344	.663	.871	1.750	.234	.871 .878		.018
-8L	1/2	.7500-16 UNJF-3A	.4375-20 UNJF-3A	1.438	2.437	.656	.996	1.844	.234	.996 1.003		.023
HIGH FLOW SIZE DASH NUMBER	TUBE OD	THREAD S MIL-S-8879	THREAD T MIL-S-8879	A REF	B	C ±.062	D +.000 -.015	E ±.062	F ±.003	H HEX	LB	WT MAX
-6H	3/8	.5625-18 UNJF-3A	.5625-18 UNJF-3A	1.688	2.594	----	.871	1.913	.297	.871 .878		.016
-8H	1/2	.7500-16 UNJF-3A	.5625-18 UNJF-3A	1.688	2.667	----	.996	2.030	.422	.996 1.003		.025
-10H	5/8	.8750-14 UNJF-3A	.5625-18 UNJF-3A	1.688	2.750	.812	1.121	2.055	.422	1.121 1.128		.040

INACTIVE FOR NEW DESIGN AFTER 31 DEC: 1990

REQUIREMENTS:

1. MATERIAL: ALUMINUM ALLOY - BARS. SEE PROCUREMENT SPECIFICATION.
2. FINISH: SEE PROCUREMENT SPECIFICATION. SURFACE FINISH IN ACCORDANCE WITH ANSI B46.1. UNLESS OTHERWISE NOTED, ALL OUTSIDE MACHINED SURFACES SHALL BE 125 MICROINCHES R_a , AND ALL INSIDE SURFACES SHALL BE 250 MICROINCHES R_a PER ANSI B46.1.

NOTES:

1. FITTINGS SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS.
2. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .010$, ANGLES $\pm 1/2^\circ$.