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AS21942

FEDERAL SUPPLY CLASS
4730

NOTICE

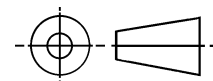
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THIRD ANGLE PROJECTION



ISSUED 1998-08 REAFFIRMED 2004-04

PREPARED BY SAE COMMITTEE G-3

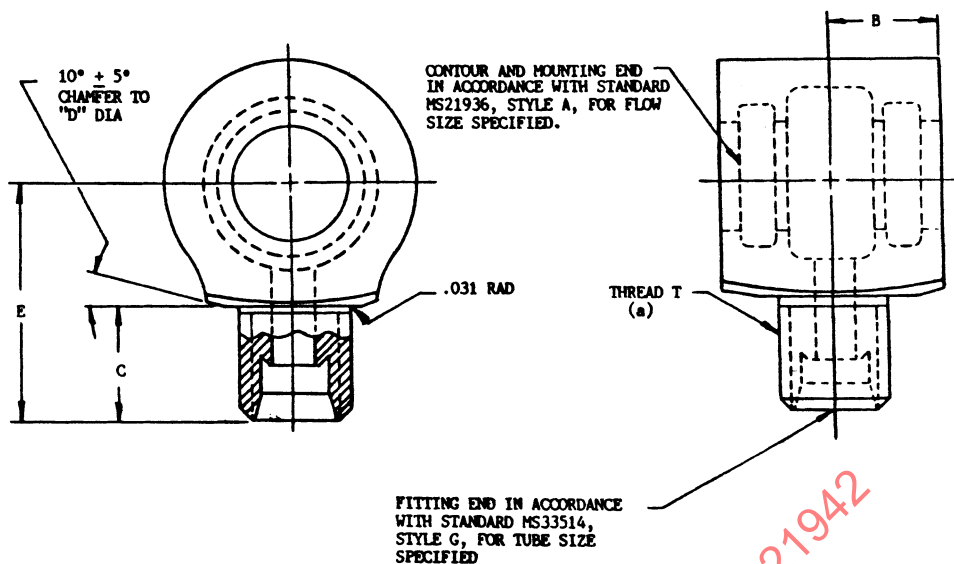
PROCUREMENT SPECIFICATION: MIL-F-18280

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

BODY, CLUSTER FITTING, ONE WAY, FLARELESS

AS21942
SHEET 1 OF 3



LOW FLOW SIZE DASH NUMBER	TUBE OD	THREAD T MIL-S-8879	B	C	D	E	WT LB MAX	
-3L	3/16	.3750-24 UNJF-3A	.500	.484	.710	1.047	.026	
-4L	1/4	.4375-20 UNJF-3A		.531		1.094	.029	
-5L	5/16	.5000-20 UNJF-3A					.032	
-6L	3/8	.5625-18 UNJF-3A		.562		1.125	.032	

REQUIREMENTS:

1. MATERIAL: ALUMINUM ALLOY - QQ-A-200/3, TEMPER T4, ARTIFICIALLY AGED.
ALUMINUM ALLOY - BAR OR FORGING. SEE PROCUREMENT SPECIFICATION.
2. FINISH: SEE PROCUREMENT SPECIFICATION.
SURFACE FINISH IN ACCORDANCE WITH ANSI B46.1.
ALL MACHINED SURFACES FINISHED TO 250 RHR MAX EXCEPT AS NOTED.

NOTES:

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

NO CODE LETTER IN PART NUMBER FOR ALUMINUM ALLOY (2024), (2014).
ADD W IN PLACE OF DASH FOR ALUMINUM ALLOY (7075).

EXAMPLES OF PART NUMBERS:

MS21942-8H - BODY, 1/2 TUBING, HIGH FLOW, ALUMINUM ALLOY (2024) OR (2014).
MS21942W8H - BODY, 1/2 TUBING, HIGH FLOW, ALUMINUM ALLOY (7075).