

REV.
A

RATIONALE

AS21945A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

AS21945

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S MILITARY STANDARD MS21945C. THIS SAE STANDARD RETAINS THE SAME PART NUMBER ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

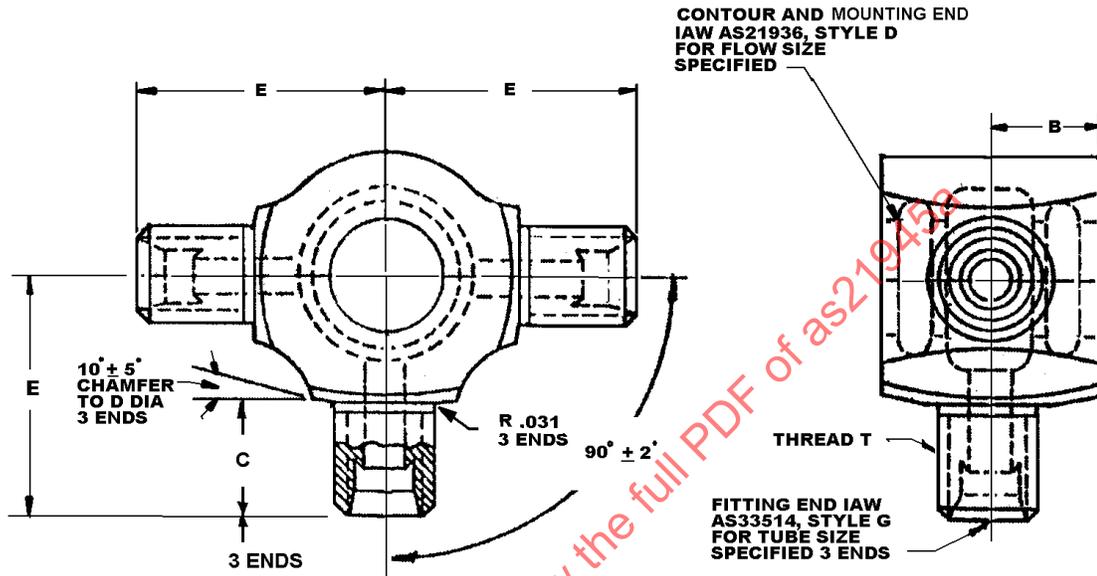


FIGURE 1 - BODY, CLUSTER FITTING, THREE WAY, FLARELESS
DIMENSIONS AND CONFIGURATION

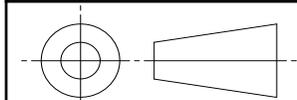
TABLE 1A - BODY, THREE-WAY, FLARELESS, LOW FLOW, DIMENSIONS

LOW FLOW SIZE DASH NO.	TUBE OD	THREAD T AS8879	B	C	D	E	WEIGHT LB EACH APPROX
-3L	.1875	.3750-24 UNJF-3B	.500	.484	.710	1.047	.104
-4L	.2500	.4375-20 UNJF-3B	.500	.531	.710	1.094	.106
-5L	.3125	.5000-20 UNJF-3B	.500	.531	.710	1.094	.109
-6L	.3750	.5625-18 UNJF-3B	.500	.562	.710	1.125	.110

INACTIVE PART /15/

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS21945A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /10/



AEROSPACE STANDARD

(R) BODY, CLUSTER FITTING,
THREE-WAY
FLARELESS

AS21945
SHEET 1 OF 3

REV. A

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TABLE 1B - BODY, THREE-WAY, FLARELESS, HIGH FLOW, DIMENSIONS

HIGH FLOW SIZE DASH NO.	TUBE OD	THREAD T AS8879	B	C	D	E	WEIGHT LB EACH APPROX
-4H	.2500	.4375-20 UNJF-3B	.594	.531	.710	1.343	.220
-5H	.3125	.5000-20 UNJF-3B	.594	.531	.710	1.343	.219
-6H	.3750	.5625-18 UNJF-3B	.594	.562	.710	1.375	.228
-8H	.5000	.7500-16 UNJF-3B	.594	.656	.750	1.469	.232

NOTES:

1. MATERIALS: ALUMINUM ALLOY 7075 SEE PROCUREMENT SPECIFICATION.
2. FINISH: SEE PROCUREMENT SPECIFICATION.
3. REMOVE BURRS AND SHARP EDGES.
4. INSTALLATION IN ACCORDANCE WITH AS21931.
5. SURFACE FINISH IN ACCORDANCE WITH ASME B46.1. UNLESS OTHERWISE SPECIFIED ALL OUTSIDE MACHINED SURFACE SHALL BE 125 µin Ra AND ALL INSIDE SURFACE SHALL BE 250 µin Ra.
6. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED TOLERANCES DECIMALS ±.010, ANGLES ±.5°.
7. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-1994.
8. PART NUMBERS:

LETTERS "L" AND "H" IN PART NUMBERS INDICATE LOW FLOW AND HIGH FLOW RESPECTIVELY

CODE "W" FOLLOWING BASIC PART NUMBER MS21945 SPECIFIES 7075 ALUMINUM ALLOY

NO CODE LETTER FOR ALUMINUM ALLOY 2014/2024 ARE CANCELLED SUPERSEDED BY CODE "W" 7075 ALUMINUM. 2014/2024 PARTS ARE NO LONGER AVAILABLE FOR PROCUREMENT AFTER 2006.

EXAMPLES OF PART NUMBERS:

MS21945W3L - BODY, .1875 TUBING, LOW FLOW, 7075 ALUMINUM ALLOY

MS21945W8H - BODY, .5000 TUBING, HIGH FLOW, 7075 ALUMINUM ALLOY

9. SEE TABLE 2 FOR CANCELLED AND SUPERSEDED DOCUMENT AND PART NUMBERS.

	AEROSPACE STANDARD	AS21945 SHEET 2 OF 3	REV. A
	(R) BODY, CLUSTER FITTING, THREE-WAY FLARELESS		