

SAE-AS21923

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Custodians:

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Navy - AS

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Adopting Activity

Navy - AS

(Project 4730-1019)

FSC 4730

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FEDERAL SUPPLY CLASS
4730

AS21923

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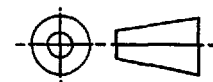
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THIRD ANGLE PROJECTION



ISSUED 1998-08

PREPARED BY SAE COMMITTEE G-3

PROCUREMENT SPECIFICATION: MIL-F-18280

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

ADAPTER, FLARELESS TUBE, BULKHEAD AND UNIVERSAL
TO FLARED TUBE

AS21923
SHEET 1 OF 3

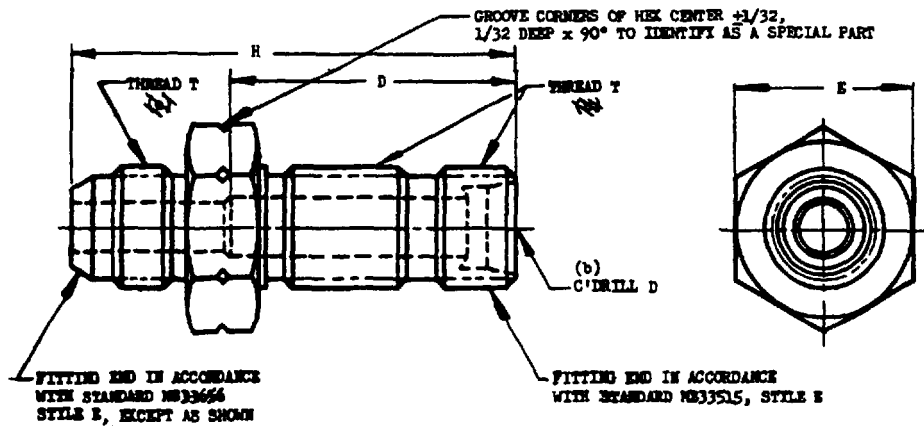
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AS21923



DASH NO.	TUBE OD	THREAD T MIL-S-8879	H	(a) E REF	D ±1/32	WT LB MAX		
						STEEL	ALUMINUM ALLOY	TI ALLOY
-2	1/8	.3125-24 UNJF-3A	1-17/32	9/16	15/16	.032	.012	.018
-3	3/16	.3750-24 UNJF-3A	1- 5/8	5/8	THRU	.047	.017	.027
-4	1/4	.4375-20 UNJF-3A	1- 3/4	11/16	1-3/32	.062	.023	.035
-5	5/16	.5000-20 UNJF-3A	1-25/32	3/4	THRU	.082	.031	.047
-6	3/8	.5625-18 UNJF-3A	1-57/64	13/16		.094	.036	.054
-8	1/2	.7500-16 UNJF-3A	2-1/8	1	1-11/32	.172	.063	.099
-10	5/8	.8750-14 UNJF-3A	2-3/8	1-1/8	1-15/32	.244	.089	.140
-12	3/4	1.0625-12 UNJ-3A	2-21/32	1-3/8		.391	.143	.225
-16	1	1.3125-12 UNJ-3A	2-11/16	1-5/8		.533	.195	.307
-20	1-1/4	1.6250-12 UNJ-3A	2-47/64	1-7/8	1-19/32	.784	.288	.452
-24	1-1/2	1.8750-12 UNJ-3A	2-7/8	2-1/8		.972	.356	.560
-32	2	2.5000-12 UNJ-3A	3-9/16	2-3/4	2			

- (a) FOR HEX DIMENSIONS AND TOLERANCES, USE MS33515, STYLE E.
 (b) C'DRILL IS ONLY FROM THE END OF THE LARGER DRILL. AT THE OPTION OF THE MANUFACTURER, THE SMALLER DIA MAY BE DRILLED THROUGH THE FITTING FROM END TO END.
 (c) PARTS WITH THREADS IN ACCORDANCE WITH MIL-S-7742 OF THE SAME THREAD SIZE, PITCH AND TOLERANCE CLASS ARE ACCEPTABLE FOR PROCUREMENT UNTIL 1 JULY 1971. BUT PARTS WITH MIL-S-7742 THREADS WILL NOT BE PROCURED THEREAFTER. EXISTING STOCKS ARE TO BE USED UNTIL EXHAUSTED.

- MATERIAL: CARBON STEEL - BARS
ALUMINUM ALLOY - BARS
CORROSION RESISTANT STEEL - BARS
TITANIUM ALLOY - BARS
SEE PROCUREMENT SPECIFICATION
- FINISH: SEE PROCUREMENT SPECIFICATION.
- BREAK ALL SHARP EDGES AND REMOVE ALL BURRS AND SLIVERS.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS $\pm 1/64$, ANGLES $\pm 1/2^\circ$.
- PART NUMBERS:

NO CODE LETTER IN PART NUMBER FOR CARBON STEEL.

ADD D IN PLACE OF DASH FOR ALUMINUM ALLOY (2024)

ADD W IN PLACE OF DASH FOR ALUMINUM ALLOY (7075)

ADD C AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 320, 303, 304, 316 OR 321.

ADD J IN PLACE OF DASH FOR CORROSION RESISTANT STEEL, TYPE 304.

ADD K IN PLACE OF DASH FOR CORROSION RESISTANT STEEL, TYPE 316.

ADD S AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 304L AND 347. PARTS ARE NOT TO BE MANUFACTURED FROM TYPE 304L AFTER 27 JUNE 1969.

ADD T AFTER DASH NUMBER FOR TITANIUM ALLOY (6AL-4V)