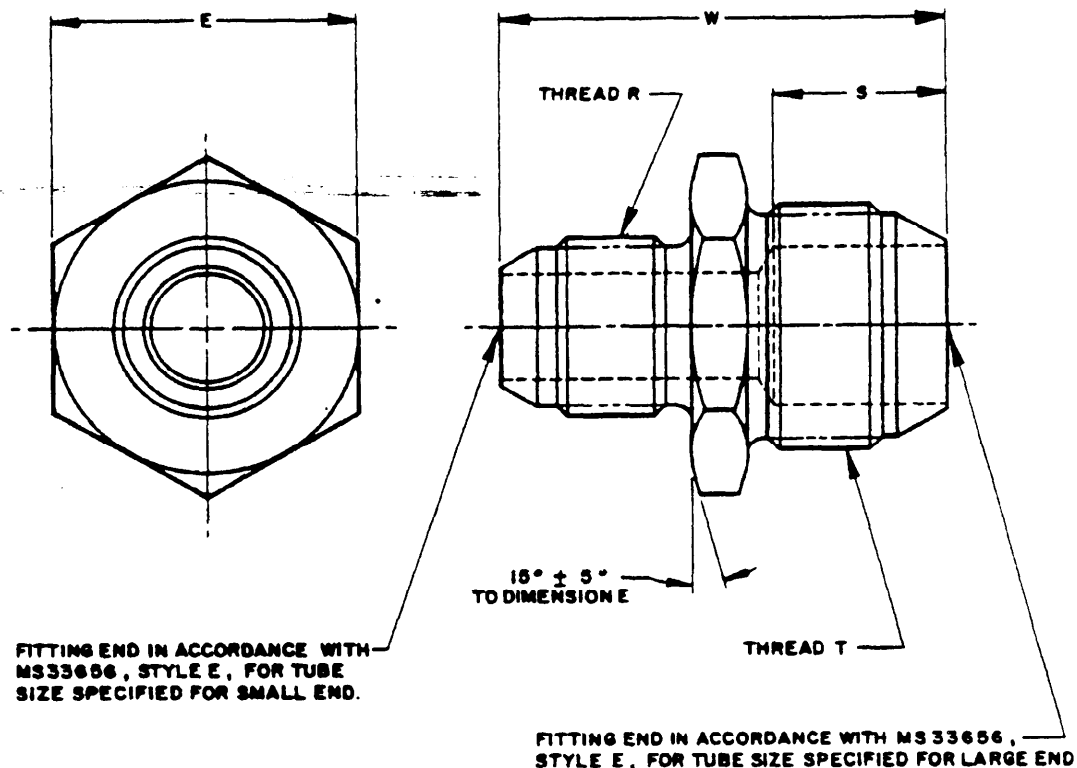


FED. SUP CLASS
4730

USER ACTIVITIES

REVIEW ACTIVITIES DL-A-C8

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(4) TOLERANCES ON HEX DIMENSIONS SHALL BE IN ACCORDANCE WITH MS33656. TITANIUM NOT FOR USE IN OXYGEN SYSTEMS.

MATERIAL: ALUMINUM ALLOY; BARS, SHAPES OR FORGINGS.
STEEL; BARS, SHAPES, OR FORGINGS. TITANIUM ALLOY-BARS, SHAPES OR FORGINGS.
CORROSION RESISTANT STEEL - BARS, SHAPES, OR FORGINGS.
SEE PROCUREMENT SPECIFICATION.

FINISH: SEE PROCUREMENT SPECIFICATION.

NO CODE LETTER IN PART NUMBER FOR STEEL.

ADD D AFTER DASH NUMBER FOR ALUMINUM ALLOY (EXCEPT ALLOY 7075-T73).

ADD J AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 304.

ADD K AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 316.

ADD S AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 347.

ADD T AFTER DASH NUMBER FOR TITANIUM.

ADD W AFTER DASH NUMBER FOR 7075-T73.

EXAMPLE OF PART NUMBERS:

AN919-B - REDUCER, 1/2 TUBING, STEEL.
AN919-BD - REDUCER, 1/2 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).
AN919-BJ - REDUCER, 1/2 TUBING, CORROSION RESISTANT STEEL, TYPE 304.
AN919-BK - REDUCER, 1/2 TUBING, CORROSION RESISTANT STEEL, TYPE 316.
AN919-BS - REDUCER, 1/2 TUBING, CORROSION RESISTANT STEEL, TYPE 347.
AN919-BT - REDUCER, 1/2 TUBING, TITANIUM.
AN919-BW - REDUCER, 1/2 TUBING, 7070-T73.

BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS $\pm 1/64$, DECIMALS $\pm .005$, ANGLES $\pm 1/2^\circ$.

9 ENTIRE STANDARD REVISED

P. A.
AIR FORCE - 82
Other Code

INTERNATIONAL
INTEREST

AIR FORCE-NAVY AERONAUTICAL STANDARD

ARMY - AV
NAVY - AS
AIR FORCE - 88

REDUCER - EXTERNAL THREAD FLARED TUBE

AN919

PROCUREMENT SPECIFICATION
MIL-F-5509

SUPERSEDES:

SHEET 1 OF 2

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROJECT 4730-0485

APPROVED 13 FEB 42 REVISED 8 16 APRIL 82 9 4 Aug 83

FED. SUP CLASS
4730

DASH NO.	LARGE END		SMALL END		E	⑨ W	S
	TUBE OD	⑨ THREAD T REF	TUBE OD	⑨ THREAD R REF			
AN919-0	3/16	3/8 -24UNJF-3A	1/8	5/16-24UNF-3A	.625	1-11/64	5/8
AN919-1	1/4	7/16-20UNJF-3A			.688	1- 1/4	11/16
AN919-2			3/16	3/8 -24UNF-3A		1- 9/32	37/64
AN919-3	5/16	1/2 -20UNJF-3A	1/4	7/16-20UNF-3A	.750	1-23/64	39/64
AN919-4	3/8	9/16-18UNJF-3A	1/8	5/16-24UNF-3A	.813	1-19/64	5/8
AN919-5			3/16	3/8 -24UNF-3A		1-21/64	
AN919-6			1/4	7/16-20UNF-3A		1-13/32	
AN919-7			5/16	1/2 -20UNF-3A			
AN919-8	1/2	3/4 -16UNJF-3A	1/8	5/16-24UNF-3A	1.000	1-27/64	23/32
AN919-9			3/16	3/8 -24UNF-3A		1-29/64	
AN919-10			1/4	7/16-20UNF-3A			
AN919-11			5/16	1/2 -20UNF-3A		1-17/32	
AN919-12			3/8	9/16-18UNF-3A			
AN919-13	5/8	7/8 -14UNJF-3A	1/4	7/16-20UNF-3A	1.125	1-21/32	51/64
AN919-14			3/8	9/16-18UNF-3A			
AN919-15			1/2	3/4 -16UNF-3A		1- 3/4	
AN919-16	3/4	1-1/16-12UNJ -3A	1/4	7/16-20UNF-3A	1.375	1-51/64	57/64
AN919-17			5/16	1/2 -20UNF-3A			
AN919-18			3/8	9/16-18UNF-3A			
AN919-19			1/2	3/4 -16UNF-3A		1-57/64	
AN919-20			5/8	7/8 -14UNF-3A		2	
AN919-21	1	1-5/16-12UNJ -3A	1/4	7/16-20UNF-3A	1.625	1-27/32	
AN919-22			5/8	7/8 -14UNF-3A		2- 3/64	
AN919-23			3/4	1-1/16-12UNJ-3A		2- 5/32	
AN919-24	1-1/4	1-5/8 -12UNJ -3A	1/4	7/16-20UN -3A	1.875	1-57/64	55/64
AN919-25			3/4	1-1/16-12UNJ-3A		2- 1/4	
AN919-26							
AN919-27	1-1/2	1-7/8 -12UNJ -3A	1	1-5/16-12UNJ-3A	2.125	2-23/64	29/32
AN919-28			1-1/4	1-5/8 -12UNJ-3A	2.125	2-13/32	
AN919-29	1	1-5/16-12UNJ -3A	1/2	3/4 -16UNF-3A	1.625	2- 5/32	

⑨ ENTIRE STANDARD REVISED

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AN919

PROCUREMENT SPECIFICATION
MIL-F-5509

SUPERSEDES

SHEET 2 OF 2

DD FORM 672-1 COORDINATED

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROJECT 4730-0488

USER ACTIVITIES

REVIEWER ACTIVITIES DLA-CS

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APPROVED 13 FEB 42 REVISED ⑧ FOR CHANGES SEE PAGES 1 & 2. 16 APRIL 82 ⑨