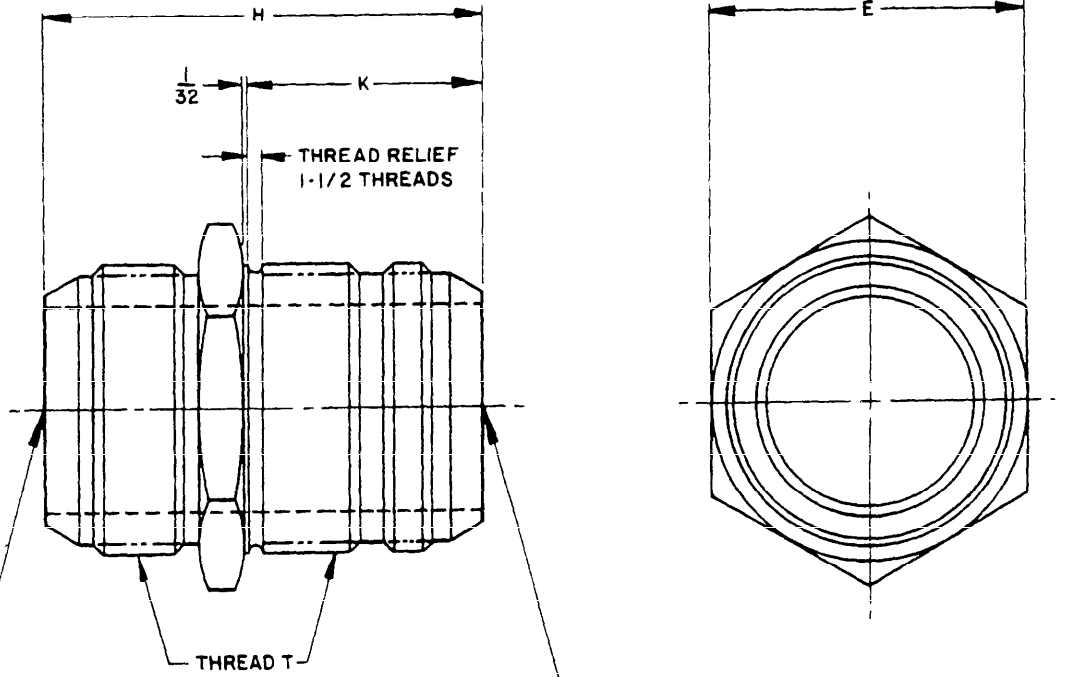


USER ACTIVITIES

REVIEWER ACTIVITIES DLA-CS



(a) FITTING END IN ACCORDANCE WITH MS 33656, STYLE E, FOR TUBE SIZE SPECIFIED

(b) EXCEPT AS SPECIFIED HEREON, FITTING END IN ACCORDANCE WITH MS 33657, STYLE E, FOR TUBE SIZE SPECIFIED.

(a) FOR HEX DIMENSIONS AND TOLERANCES SEE MS33656.

(b) THE K DIMENSIONS ON THIS DRAWING ARE 3/16 GREATER THAN SPECIFIED ON MS33657. THE THREAD PORTION ADJACENT TO THE HEX, THEREFORE, IS 3/16 GREATER THAN THAT ON MS33657. THIS IS TO PERMIT USE OF THE FITTING THRU ARMOPLATE. (SEE ANDI0064 FOR USAGE).

MATERIAL: STEEL - BARS, SHAPES. TITANIUM ALLOY - BARS, SHAPES OR FORGINGS.  
ALUMINUM 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 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:  
AN832-8 - UNION, 1/2 TUBING, STEEL.  
AN832-8D - UNION, 1/2 TUBING ALUMINUM ALLOY (EXCEPT 7075-T73).  
AN832-8J - UNION, 1/2 TUBING CORROSION RESISTANT STEEL, 304.  
AN832-8K - UNION, 1/2 TUBING CORROSION RESISTANT STEEL, 316.  
AN832-8S - UNION, 1/2 TUBING CORROSION RESISTANT STEEL, 347.  
AN832-8T - UNION, 1/2 TUBING TITANIUM.  
AN832-8W - UNION, 1/2 TUBING 7075-T73.

TITANIUM NOT TO BE USED IN OXYGEN SYSTEMS.  
BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS THAT MIGHT BECOME DISLODGED UNDER USAGE.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS  $\pm 1/64$ .

ENTIRE STANDARD REVISED

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering, design applications and for repetitive use shall be made from this document.

P. A.  
**AIR FORCE - 82**  
Other Cust  
ARMY - AV  
NAVY - AS

INTERNATIONAL INTEREST

**AIR FORCE-NAVY AERONAUTICAL STANDARD**

**UNION - FLARED TUBE, 3/8 BULKHEAD AND UNIVERSAL**

**AN832**

**AIR FORCE-99**  
PROCUREMENT SPECIFICATION  
**MIL-F-5509**

SUPERSEDES:

SHEET 1 OF 2

APPROVED 9 MAY 42 REVISED 7 16 APRIL 82 8

FED. SUP CLASS  
4730

USER ACTIVITIES

REVIEWER ACTIVITIES DLA-CSS

DASH NO.	TUBING OD	THREAD T (REF)	(a) E REF	H	F
AN832-2	1/8	5/16-24UNJF-3A	.563	1-53/64	1- 7/64
AN832-3	3/16	3/8 -24UNJF-3A	.625	1-55/64	
AN832-4	1/4	7/16-20UNJF-3A	.688	2- 3/64	1-12/64
AN832-5	5/16	1/2 -20UNJF-3A	.750		
AN832-6	3/8	9/16-18UNJF-3A	.813	2- 7/32	1- 9/32
AN832-8	1/2	3/4 -16UNJF-3A	1.000	2-29/64	1- 7/16
AN832-10	5/8	7/8 -14UNJF-3A	1.125	2-23/32	1-27/64
AN832-12	3/4	1-1/16-12UNJ -3A	1.375	3- 1/32	
AN832-16	1	1-5/16-12UNJ -3A	1.625	3- 5/64	1/ 3/4
AN832-20	1-1/4	1-5/8 -12UNJ -3A	1.875	3- 5/32	1-5/164
AN832-24	1-1/2	1-7/8 -12UNJ -3A	2.125	3- 5/16	1-13/16
AN832-26	1-3/4	2-1/4 -12UNJ -3A	2.500	3-37/64	1-31/16
AN832-32	2	2-1/2 -12UNJ -3A	2.750	3-53/64	2- 3/32

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

ENTIRE STANDARD REVISED

P. A. <b>AIR FORCE-82</b> Other Cust ARMY - AV NAVY - AS <b>AIR FORCE-99</b>	INTERNATIONAL INTEREST	<b>AIR FORCE-NAVY AERONAUTICAL STANDARD</b>		<b>AN832</b>
		<b>UNION - FLARED TUBE, 3/8 BULKHEAD AND UNIVERSAL</b>		
PROCUREMENT SPECIFICATION <b>MIL-F-5509</b>	SUPERSEDES:	SHEET 2 OF 2		

DD FORM 672-1 (COORDINATED) 1 MAY 73

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 9 MAY 62 REVISED 9 FEB 62 SEE FIGS 1 & 2