

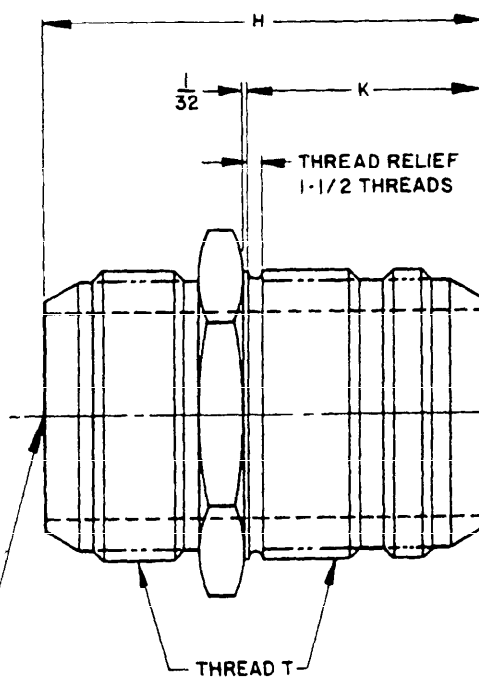
FED. SUP CLASS
 4730

USER ACTIVITIES

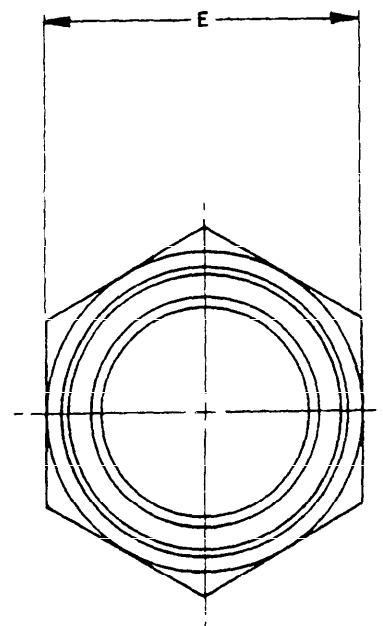
REVIEWER ACTIVITIES DLA-CS

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



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 ARMOX PLATE. (SEE AND10064 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 $\pm 1/64$.

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

FED. SUP CLASS
 4730

USER ACTIVITIES

REVIEWER ACTIVITIES DLA-CSS

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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	1-15/64
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	1-5/8
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	1-5/2
AN832-32	2	2-1/2-12UNJ-3A	2.750	3-53/64	2-3/32

ENTIRE STANDARD REVISED

P. A.
AIR FORCE-82
 Other Cust
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AIR FORCE-99

INTERNATIONAL
 INTEREST

AIR FORCE-NAVY AERONAUTICAL STANDARD

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

AN832

PROCUREMENT SPECIFICATION
MIL-F-5509

SUPERSIDES:

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
 168

DDA TECH 1730 0101