

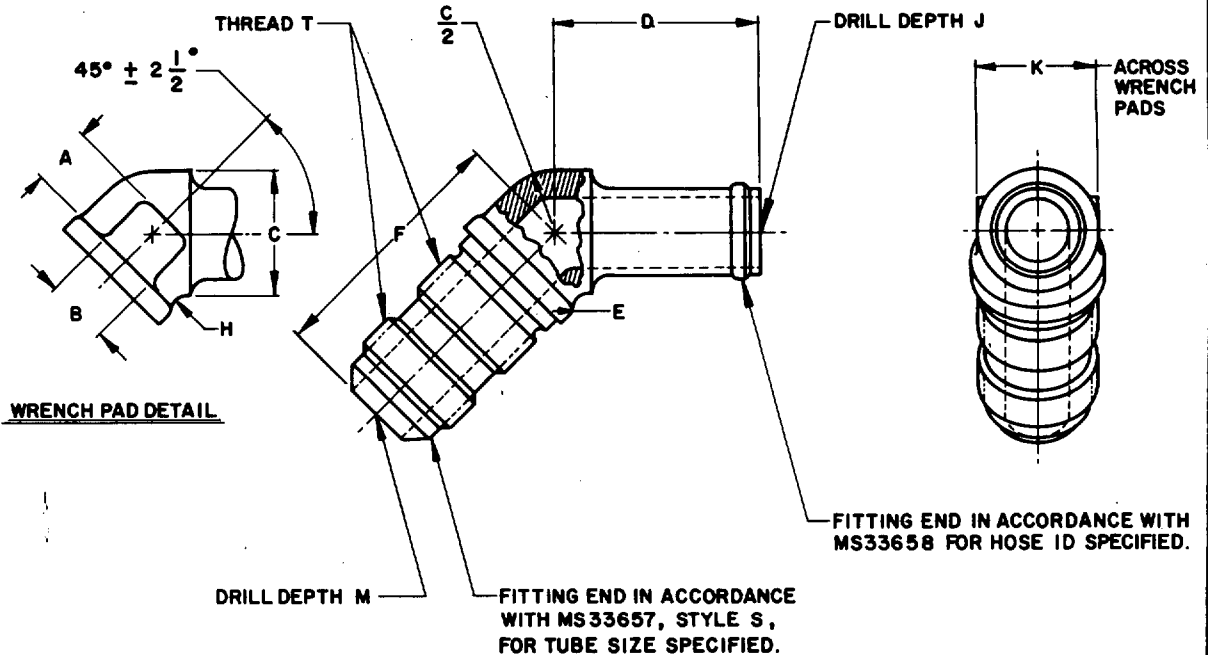
FED. SUP CLASS
4730

USER ACTIVITIES:

REVIEWER ACTIVITIES:

DLA - CS

This Military Standard is approved for use by HQ AFLC CASO/LDDS, Federal Center, Battle Creek, MI 49016, Department of the Air Force, and is available for use by all Departments and agencies of the Department of Defense.



MATERIAL: COPPER ALLOY; ALUMINUM ALLOY; CORROSION RESISTANT STEEL (CRES); BARS, SHAPES, OR FORGINGS (SEE PROCUREMENT SPECIFICATION).

FINISH: SEE PROCUREMENT SPECIFICATION.

NO CODE LETTER IN PART NUMBER FOR COPPER ALLOY.
ADD D AFTER DASH NUMBER FOR ALUMINUM ALLOY (EXCEPT 7075-T73).
ADD J AFTER DASH NUMBER FOR CRES, TYPE 304.
ADD K AFTER DASH NUMBER FOR CRES, TYPE 316.
ADD S AFTER DASH NUMBER FOR CRES, TYPE 347.
ADD W AFTER DASH NUMBER FOR 7075-T73 ALUMINUM ALLOY.

EXAMPLE OF PART NUMBERS:

AN839-8 - ELBOW, 1/2 TUBING, COPPER ALLOY.
AN839-8D - ELBOW, 1/2 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).
AN839-8J - ELBOW, 1/2 TUBING, CRES, TYPE 304.
AN839-8K - ELBOW, 1/2 TUBING, CRES, TYPE 316.
AN839-8S - ELBOW, 1/2 TUBING, CRES, TYPE 347.
AN839-8W - ELBOW, 1/2 TUBING, 7075-T73 ALUMINUM ALLOY.

BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS.

USE IN MANNER INDICATED ON MS21344 AND AND10065.

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

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

7 ENTIRE STANDARD REVISED

P. A.
AIR FORCE - 82
Other Cust

AT 99

INTERNATIONAL
INTEREST

AIR FORCE-NAVY AERONAUTICAL STANDARD

ELBOW, TUBE TO HOSE, 45°

AN839

PROCUREMENT SPECIFICATION
MIL-F-5509

SUPERSEDES:

SHEET 1 OF 2

DD FORM 672-1 Limited
1 MAY 73 Coordination

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROJECT NO. 4730-F317

APPROVED 24 JUL 44 REVISED 7 30 AUG 82

FED. SUP CLASS
4730

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DASH NO.	HOSE ID	TUBING OD	THREAD T (REF)	A APPROX	B APPROX	C DIA
4	1/4	1/4	7/16-20UNJF-3A	7/32	1/4	7/16
6	3/8	3/8	9/16-18UNJF-3A	9/32	3/8	9/16
8	1/2	1/2	3/4 -16UNJF-3A	11/32	7/16	3/4
10	5/8	5/8	7/8 -14UNJF-3A	7/16	1/2	7/8
12	3/4	3/4	1-1/16-12 UNJ-3A	1/2	9/16	1-1/16
16	1	1	1-5/16-12 UNJ-3A	9/16	11/16	1-5/16
20	1-1/4	1-1/4	1-5/8 -12 UNJ-3A	11/16	1	1-5/8
24	1-1/2	1-1/2	1-7/8- 12 UNJ-3A	3/4	1- 1/8	1-7/8

DASH NO.	D +3/64 -0	E RAD	F +3/64 -0	H RAD	J +3/64 -0	K	M +3/64 -0
4	1-11/16	1/16	1-27/64	1/16	1- 3/4	7/16	1-15/32
6	1-23/32		1- 9/16	3/32	1-51/64	9/16	1-39/64
8	1- 3/4	3/32	1-53/64		1-13/16	3/4	1-15/16
10	1-51/64		2- 3/64	1/8	1- 7/8	7/8	2-11/64
12	1-53/64	1/8	2- 9/32		1-61/64	1-1/16	2-27/64
16	1-57/64		2-25/64	3/16	2- 3/64	1-5/16	2-19/32
20	1-31/32		2-35/64		2-11/64	1-5/8	2-51/64
24	2- 1/32		2-43/64		2- 9/32	1-7/8	2-31/32

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SHEET 2 OF 2

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