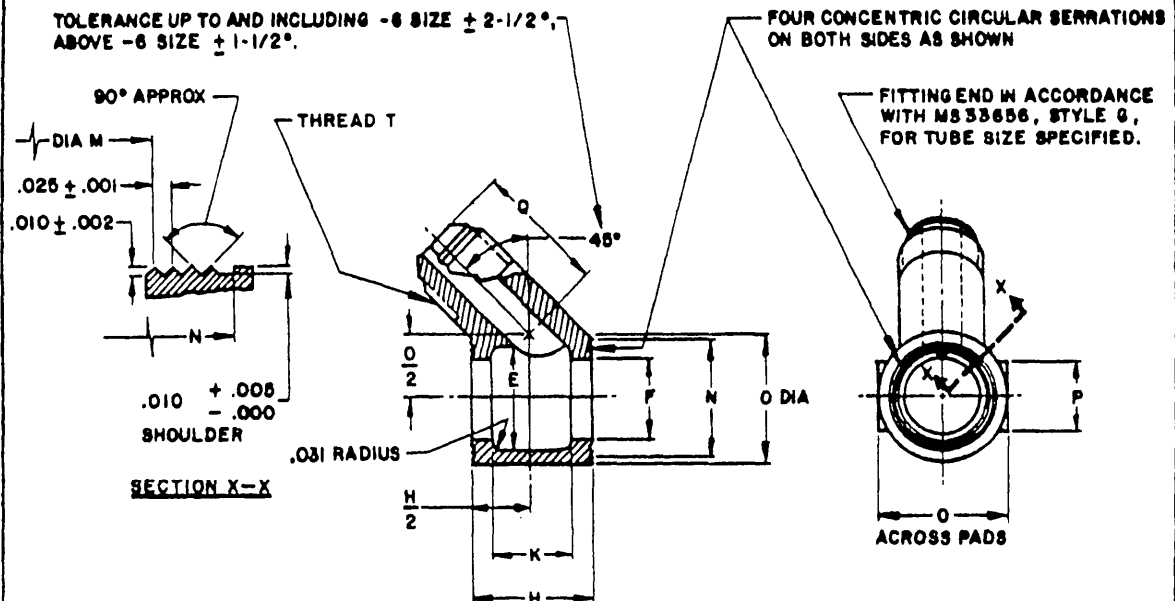


FED. SUP CLASS  
4730

DIMENSIONS F, M, AND N SHALL BE CONCENTRIC WITHIN .005 TOTAL INDICATOR READING (TIR).

FITTINGS SHALL NOT HAVE A TIR VARIATION OF MORE THAN .006 INCHES WHEN APPLIED BETWEEN AXIS OF BOLT HOLE AND EACH FACE INDEPENDENTLY.

MATERIAL: STEEL; ALUMINUM ALLOY; CORROSION RESISTANT STEEL (CRES); TITANIUM ALLOY; 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 CRES, TYPE 304.  
ADD K AFTER DASH NUMBER FOR CRES, TYPE 316.  
ADD S AFTER DASH NUMBER FOR CRES, TYPE 347.  
ADD T AFTER DASH NUMBER FOR TITANIUM ALLOY.  
ADD W AFTER DASH NUMBER FOR 7075-T73 ALUMINUM ALLOY.  
TITANIUM IS NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS.

EXAMPLE OF PART NUMBERS:  
AN778-8 - CONNECTOR, .500 TUBING, STEEL.  
AN778-8D - CONNECTOR, .500 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).  
AN778-8J - CONNECTOR, .500 TUBING, CRES, TYPE 304.  
AN778-8K - CONNECTOR, .500 TUBING, CRES, TYPE 316.  
AN778-8S - CONNECTOR, .500 TUBING, CRES, TYPE 347.  
AN778-8T - CONNECTOR, .500 TUBING, TITANIUM ALLOY.  
AN778-8W - CONNECTOR, .500 TUBING, 7075-T73 ALUMINUM ALLOY.

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

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: FRACTIONS  $\pm .005$

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.

10 ENTIRE STANDARD REVISED

P. A. AIR FORCE - 82 Other Cust AIR FORCE - 99 ARMY - AV NAVY - AS	INTERNATIONAL INTEREST	AIR FORCE-NAVY AERONAUTICAL STANDARD  CONNECTOR, MULTIPLE FLUID PRESSURE LINE, 45°	AN778
PROCUREMENT SPECIFICATION MIL-F-5509	SUPERSEDES:	SHEET 1 OF 2	

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USER ACTIVITIES

REVIEWER ACTIVITIES DLA - CS

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APPROVED 3 FEB 41 REVISED 10 10 FEB 88

USER ACTIVITIES:

REVIEWER ACTIVITIES: DLA - CS

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 PRD. SUP CLASS  
4730

DASH NO.	TUBING OD	THREAD T (REF)	E DIA	F +.002 -.000 DIA	H +.010
4	.250	.4375-20UNJF-3A	.562	.438	.750
5	.312	.5000-20UNJF-3A	.625	.500	
6	.375	.5625-18UNJF-3A	.750	.563	.875
8	.500	.7500-16UNJF-3A	.937	.750	1.125
10	.625	.8750-14UNJF-3A	1.125	.875	1.375
12	.750	1.0625-12UNJ -3A	1.375	1.062	1.625
16	1.000	1.3125-12UNJ -3A	1.687	1.312	2.125

DASH NO.	K	M +.010 -.000 DIA	N +.010 -.000 DIA	O	P APPROX	Q +.046 -0
4	.375	.469	.687	.812	.437	1.000
5	.500	.531	.750		.500	1.062
6		.594	.812	1.000		1.312
8	.750	.781	1.000	1.187	.625	1.468
10	.812	.906	1.125	1.375		1.625
12	1.000	1.094	1.313	1.687		1.843
16	1.500	1.344	1.563	2.062	.812	

10 ENTIRE STANDARD REVISED

 P. A.  
AIR FORCE - 82  
Other Cust  
AIR FORCE - 99  
ARMY - AV  
NAVY - AS

 INTERNATIONAL  
INTEREST

AIR FORCE-NAVY AERONAUTICAL STANDARD

 CONNECTOR,  
MULTIPLE FLUID PRESSURE LINE, 45°

AN778

 PROCUREMENT SPECIFICATION  
MIL-F-5509

SUPERSEDES:

SHEET 2 OF 2

APPROVED 3 FEB 41 REVISED 10 FOR CHANGES SEE PAGES 1 &amp; 2.

DD FORM 1 MAY 73 672-1 (COORDINATED)

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