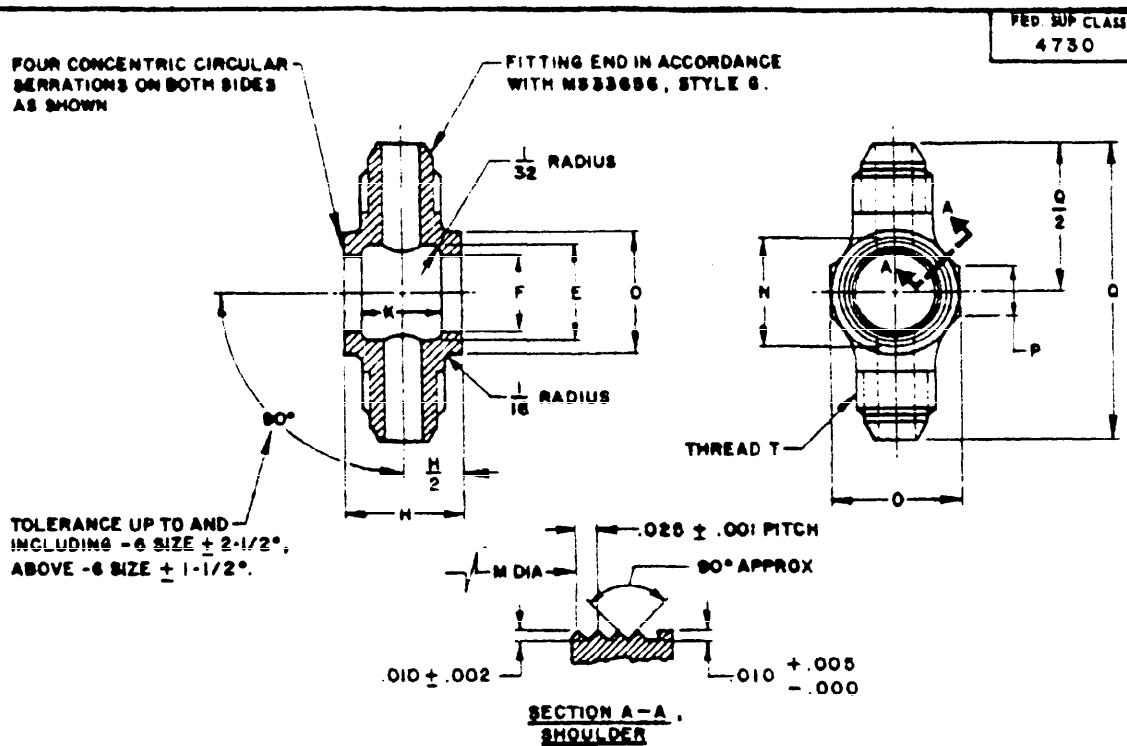


USER ACTIVITIES

REVIEWER ACTIVITIES

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.
 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.

DLA - CS



DIMENSIONS F, H, AND N SHALL BE CONCENTRIC WITHIN .005 TOTAL INDICATOR READING (TIR).
 FITTING SHALL NOT HAVE A TIR VARIATION OF MORE THAN .006 INCHES WHEN APPLIED BETWEEN AXIS OF BOLT
 HOLES AND EACH FACE INDEPENDENTLY.

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

FINISH: SEE PROCUREMENT SPECIFICATION.

NO CODE LETTER IN PART NUMBER FOR STEEL.
 ADD D IN PLACE OF DASH FOR ALUMINUM ALLOY (EXCEPT 7075-T73).
 ADD J IN PLACE OF DASH FOR CRCS, TYPE 304.
 ADD K IN PLACE OF DASH FOR CRCS, TYPE 316.
 ADD S IN PLACE OF DASH FOR CRCS, TYPE 347.
 ADD T IN PLACE OF DASH FOR TITANIUM ALLOY.
 ADD M IN PLACE OF DASH FOR 7075-T73 ALUMINUM ALLOY.
 TITANIUM IS NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS.

EXAMPLE OF PART NUMBERS
 AN779-R - CONNECTOR, .500 TUBING, STEEL.
 AN779DB - CONNECTOR, .500 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).
 AN779JB - CONNECTOR, .500 TUBING, CRCS, TYPE 304.
 AN779KB - CONNECTOR, .500 TUBING, CRCS, TYPE 316.
 AN779SB - CONNECTOR, .500 TUBING, CRCS, TYPE 347.
 AN779TB - CONNECTOR, .500 TUBING, TITANIUM ALLOY.
 AN779MB - 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 ± 0:5

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.

6 ENTIRE STANDARD REVISED

P. A. AIR FORCE-82 Other Cost AIR FORCE-99	INTERNATIONAL INTEREST	AIR FORCE - NAVY AERONAUTICAL STANDARD	AN779
		CONNECTOR, MULTIPLE FLUID PRESSURE LINE, STRAIGHT	
PROCUREMENT SPECIFICATION MIL-F-5509	SUPersedes	SHEET 1 OF 2	

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 16 NOV 44 REVISED 6 10 FEB 88

FED. 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	.5625-16UNJF-3A	.750	.562	.875
8	.500	.7500-16UNJF-3A	.937	.750	1.125
10	.625	.8750-14UNJF-3A	1.125	.875	1.375
12	.750	1.0625-12UNJF-3A	1.375	1.062	1.625
14	1.000	1.3125-12UNJF-3A	1.687	1.312	2.125

DASH NO.	K	M +.010 -.000 DIA	N +.010 -.000 DIA	U	P APPROX	Q +.046 -.000
4	.375	.469	.687	.312	.417	2.250
5	.500	.511	.750	1.000	.500	2.500
6		.594	.812			2.875
8	.750	.781	1.000	1.187	.625	3.312
10	.812	.906	1.125	1.375		4.000
12	1.000	1.094	1.313	1.687	.875	4.750
14	1.500	1.344	1.563	2.062	1.125	

DLA-CS

APPROVED 16 NOV 44 REVISED 6 FOR CHANGES SEE PAGES 1 & 2

6 ENTIRE STANDARD REVISED

P A AIR FORCE-82 Other Cost AIR FORCE-99	INTERNATIONAL INTEREST	AIR FORCE-NAVY AERONAUTICAL STANDARD		AN779
		CONNECTOR, MULTIPLE FLUID PRESSURE LINE, STRAIGHT		
PROCUREMENT SPECIFICATION MIL-F-5509		SUPERSEDES:		SHEET 2 OF 2

DD FORM 672-1 (1-19-63)

USER ACTIVITIES

REVIEWER ACTIVITIES

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