

USER ACTIVITIES

REVIEWER ACTIVITIES

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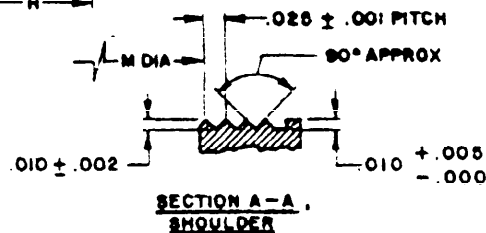
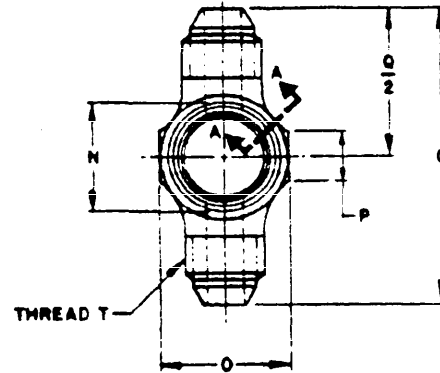
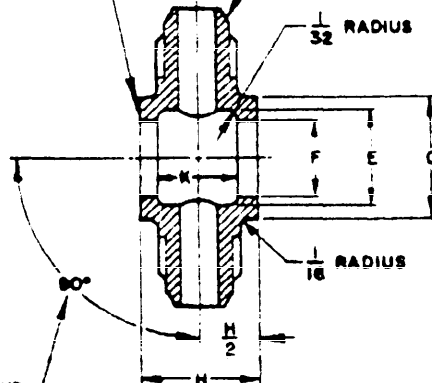
DLA - CS

FOUR CONCENTRIC CIRCULAR
BERRATIONS ON BOTH SIDES
AS SHOWN

FITTING END IN ACCORDANCE
WITH MS33886, STYLE 8.

FED SUP CLASS
4730

TOLERANCE UP TO AND
INCLUDING -6 SIZE $\pm 2\frac{1}{2}^\circ$,
ABOVE -6 SIZE $\pm 1\frac{1}{2}^\circ$.



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
BOLES 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 $\pm .015$

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
PROCUREMENT SPECIFICATION MIL-F-8809		CONNECTOR, MULTIPLE FLUID PRESSURE LINE, STRAIGHT	
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

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DLA-CS

DASH NO.	TUBING OD	THREAD T (REF)	E DIA	F +.002 -.000 DIA	H +.010 -.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 -.046
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	

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 (UNCLASSIFIED)

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