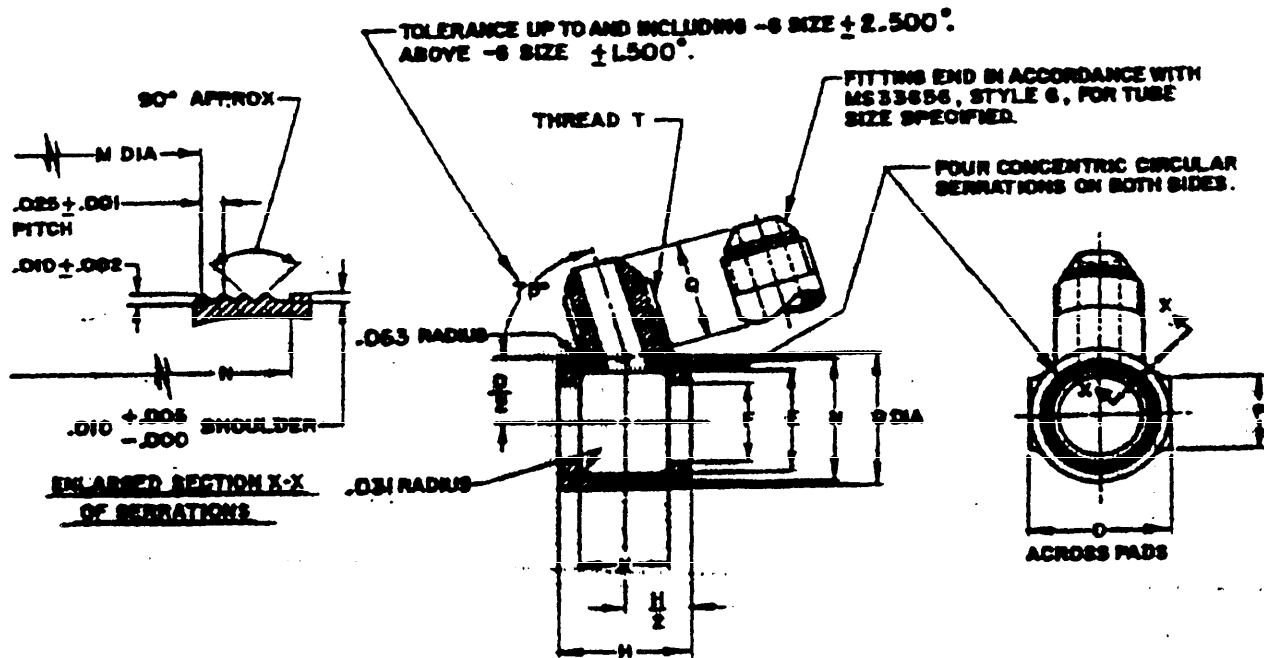


Form Approved
 OMB No. 0704-0188

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATIONS LISTED IN THAT ISSUE OF THE DODDS SPECIFIED IN THE SOLICITATION MIL-STD-129



DIMENSIONS P, M, AND H 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 HOLES AND EACH FACE INDEPENDENTLY.

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

FINISH: SEE PROCUREMENT SPECIFICATION.

NO CODE LETTER IN PART NUMBER FOR STEEL.
 ADD D AFTER BASE NUMBER FOR ALUMINUM ALLOY (EXCEPT 7075-T73).
 ADD J AFTER BASE NUMBER FOR CRS, TYPE 304.
 ADD K AFTER BASE NUMBER FOR CRS, TYPE 316.
 ADD S AFTER BASE NUMBER FOR CRS, TYPE 347.
 ADD T AFTER BASE NUMBER FOR TITANIUM ALLOY.
 ADD U AFTER BASE NUMBER FOR 7075-T73 ALUMINUM ALLOY.

TITANIUM IS NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS.

EXAMPLE OF PART NUMBERS:
 AN777-8 - CONNECTOR, .500 TUBING, STEEL.
 AN777-8D - CONNECTOR, .500 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).
 AN777-8J - CONNECTOR, .500 TUBING, CRS, TYPE 304.
 AN777-8K - CONNECTOR, .500 TUBING, CRS, TYPE 316.
 AN777-8S - CONNECTOR, .500 TUBING, CRS, TYPE 347.
 AN777-8T - CONNECTOR, .500 TUBING, TITANIUM ALLOY.
 AN777-8U - CONNECTOR, .500 TUBING, 7075-T73 ALUMINUM ALLOY.

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

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.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: DECIMALS ±.015.

Revision letters are not used to denote changes due to the extensiveness of the changes.

INCH POUND

PREPARING ACTIVITY: 82 CUSTODIAN: ARMY- NAVY- AIR FORCE-99 DLA- REVIEW: DLA - CS USER: PROJECT NUMBER: 4730-7362	MILITARY SPECIFICATION SHEET TITLE CONNECTOR, MULTIPLE FEDID PRESSURE LINE, 75°	SPECIFICATION SHEET NUMBER AN777-10(USAF) 16 MAR 94 SUPERSEDING AN777-9 19 MARCH 1979 AMSC. N/A FSC 4730
DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.		

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODIG SPECIFIED IN THE SOLICITATION: MIL-F-5509

THIS SPECIFICATION IS APPROVED BY THE DEPARTMENT OF THE AIR FORCE FOR USE BY MILITARY DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE

DASH NO.	TUBING OD	THREAD T (REF)	ØE	F +.002 -.000 DIA	H 2.010
4	.250	.4275-25UNJ7-3A	.363	.438	.750
5	.313	.5000-20UNJ7-3A	.425	.500	
6	.375	.5625-18UNJ7-3A	.750	.562	.875
8	.500	.7500-16UNJ7-3A	.938	.750	1.125
10	.625	.8750-14UNJ7-3A	1.125	.875	1.375
12	.750	1.0625-12 UNJ-3A	1.375	1.062	1.625
16	1.000	1.3125-12 UNJ-3A	1.600	1.312	2.125

DASH	K	H +.010 -.000 DIA	H +.010 -.000 DIA	ØR	P APPROX	U +.047 -0.000
4	.375	.489	.607	.813	.438	.813
5	.500	.531	.750			
6		.504	.812	1.000	.500	.875
8	.750	.781	1.000	1.188		1.031
10	.813	.906	1.125	1.375	.625	1.188
12	1.000	1.094	1.313	1.600		1.313
16	1.500	1.344	1.563	2.063	.813	1.500

Revision letters are not used to denote changes due to the extensiveness of the changes.

INCH POUND

PREPARING ACTIVITY: 82 CUSTODIANS: ARMY- NAVY- AIR FORCE- 99 DLA- REVIEW: DLA - CS USER: PROJECT NUMBER: 4730-P362	MILITARY SPECIFICATION SHEET TITLE CONNECTOR MULTIPLE FLUID PRESSURE LINE, 75°	SPECIFICATION SHEET NUMBER AN777-10(USAF) 16 MAR SUPERSEDING AN777-9 19 MARCH 1979 AMSC. N/A FSC 4730
DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED		Page 2 of 2