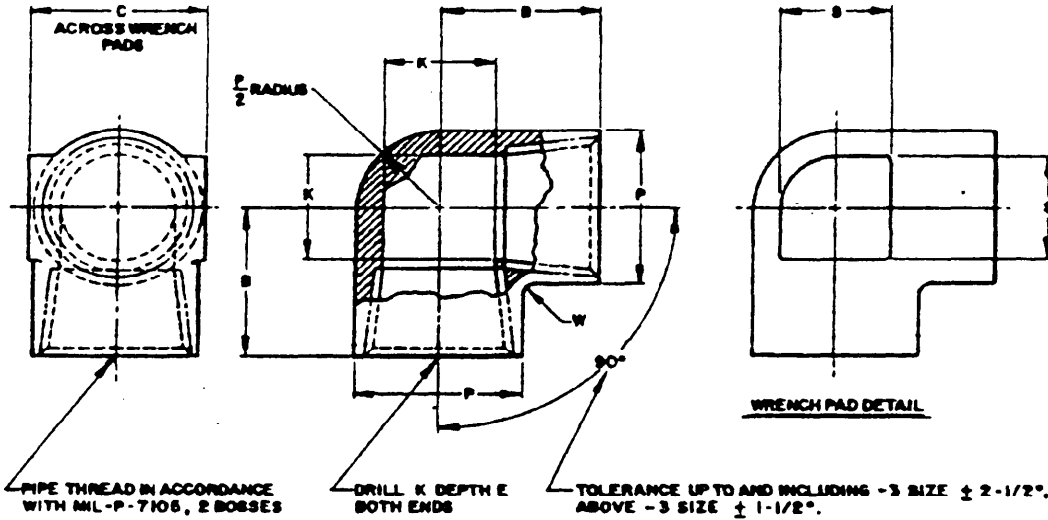


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONFORM TO THE SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-F-5509



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

FINISH: SEE PROCUREMENT SPECIFICATION.

NO CODE LETTER IN PART NUMBER FOR COPPER ALLOY.
 ADD B 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 V AFTER BASE NUMBER FOR 7075-T73 ALUMINUM ALLOY.

EXAMPLE OF PART NUMBERS:
 AN916-A - ELBOW, .50 PIPE, COPPER ALLOY.
 AN916-4D - ELBOW, .50 PIPE, ALUMINUM ALLOY (EXCEPT 7075-T73).
 AN916-4J - ELBOW, .50 PIPE, CRS, TYPE 304.
 AN916-4K - ELBOW, .50 PIPE, CRS, TYPE 316.
 AN916-4S - ELBOW, .50 PIPE, CRS, TYPE 347.
 AN916-4V - ELBOW, .50 PIPE, 7075-T73 ALUMINUM ALLOY.

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

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: $\pm .015$

INACTIVE FOR DESIGN AFTER 1 JUNE 1994, EXCEPT FOR USE ON OTHER SYSTEMS AND GROUND SERVICE EQUIPMENT, SEE MIL-STD-883C FOR STATUS CRITERIA.

NOTES:
 REFERENCED GOVERNMENT (OR NONGOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

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

THIS SPECIFICATION IS APPROVED FOR USE BY all Departments and Agencies of the Department of Defense.

PREPARING ACTIVITY: 82
 CUSTODIANS: ARMY. NAVY.
 AIR FORCE - 99 DLA.

REVIEW:
 USER:
 PROJECT NUMBER: 4730-F102

MILITARY SPECIFICATION SHEET
 TITLE
 ELBOW, PIPE, INTERNAL
 THREAD, 90°

SPECIFICATION SHEET NUMBER
 AN916 Rev 10

SUPERSEDING
 AN916 10 Feb 88 Rev 9

AMSC - N/A FSC - 4730

DISTRIBUTION STATEMENT A. Approved for public release, distribution is unlimited. Page 1 of 2

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 DODISS SPECIFIED IN THE SOLICITATION: **MTI-F-5509**

DASS NO.	PIPE THD AMPT	D +.046 -0	C	E +.046 -0	E DIA		F DIA	E APPROX	M RAD
1	.125	.641	.625	.641	.327	+.000 -.016	.578	.500	.063
2	.250	.891	.813	.953	.423	+.000 -.016	.781	.625	.094
3	.375	.969	.938	1.094	.557	+.000 -.028	.922	.750	
4	.500	1.234	1.188	1.359	.688	+.000 -.034	1.166	.875	.125
6	.750	1.344	1.375	1.469	.897	+.000 -.040	1.359	1.000	
8	1.000	1.625	1.750	1.813	1.128	+.000 -.037	1.688	1.125	
10	1.250	1.688	2.156	1.875	1.471	+.000 -.036	2.094	1.250	.156

THIS SPECIFICATION IS APPROVED FOR USE BY all Departments and agencies of the Department of Defense.

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