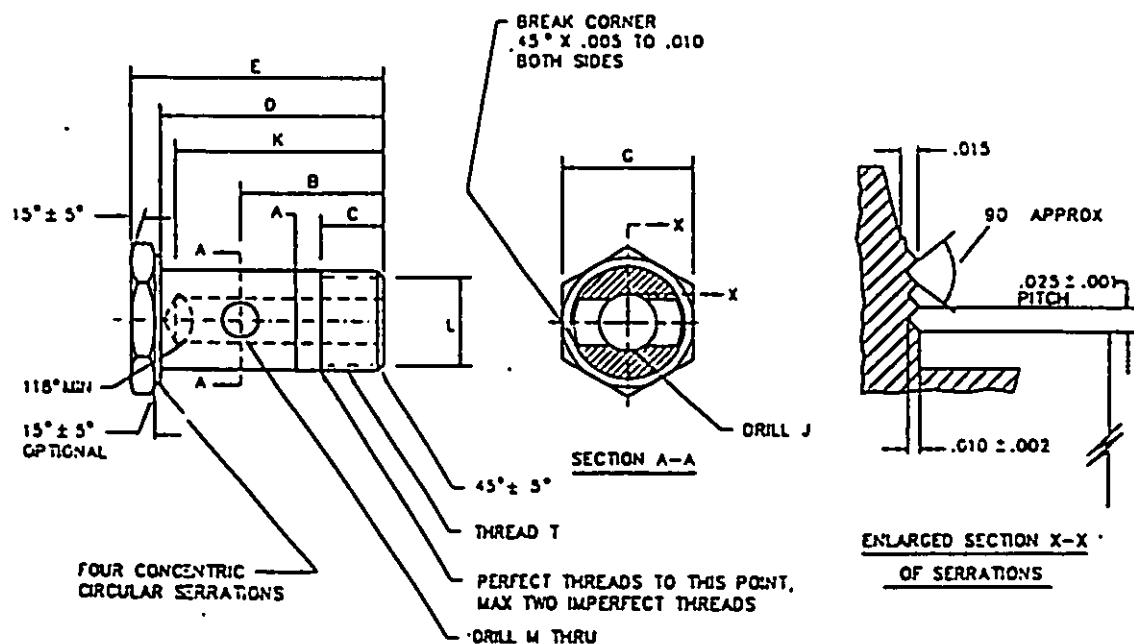


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS AERONAUTICAL STANDARD AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE INDEX SPECIFIED IN THE SOLICITATION: MIL-F-5509



DIMENSIONS T, A, F, AND J, SHALL BE CONCENTRIC WITHIN .003 TOTAL INDICATOR READING
MATERIAL: STEEL (125,000 PSI MINIMUM TENSILE STRENGTH); ALUMINUM ALLOY; CORROSION RESISTANT
STEEL (CRES); TITANIUM ALLOY; BARS, SHAPES, OR FORGING (SEE PROCUREMENT SPECIFICATION).

FINISH: SEE PROCUREMENT SPECIFICATION: MIL-F-5509

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

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 R AFTER DASH NUMBER FOR CRES, TYPE 321.
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:

AN775-4 - BOLT, .500 TUBING, STEEL
AN775-4D - BOLT, .500 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).
AN775-4J - BOLT, .500 TUBING, CRES, TYPE 304.
AN775-4K - BOLT, .500 TUBING, CRES, TYPE 316.
AN775-4R - BOLT, .500 TUBING, CRES, TYPE 321.
AN775-4T - BOLT, .500 TUBING, TITANIUM ALLOY.
AN775-4W - BOLT, .500 TUBING, 7075-T73 ALUMINUM ALLOY.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES DECIMALS ± .005, ANGLES ± .5°

IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS DOCUMENT AND THE REFERENCES CITED HEREIN,
THE TEXT OF THIS DOCUMENT TAKES PRECEDENCE. NOTHING IN THIS DOCUMENT HOWEVER, SUPERSEDES
APPLICABLE LAWS AND REGULATIONS UNLESS A SPECIFIC EXEMPTION HAS BEEN OBTAINED.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

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

INCH-POUND

PREPARING ACTIVITY: USAF-62 CUSTOMERS: ARMY - NAVY - AIR FORCE-99 DLA- REVIEW: Army - AV Navy - AS DLA-CS PROJECT NUMBER: 4730-0161	MILITARY SPECIFICATION SHEET TITLE BOLT, FLUID PASSAGE	SPECIFICATION SHEET NUMBER AN775 REV 13 16 MAR 94 SUPERSEDING AN775 REV 12 22 MAR 84 NSC: N/A REC: 4730
DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.		Page <u>1</u> of <u>2</u>

THIS STANDARD IS APPROVED FOR USE BY THE AIR FORCE FOR USE
BY ALL DEPARTMENTS OF THE DEPARTMENT OF DEFENSE.

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

DASH NO.	TUBING OD	THREAD T (REF)	A +.000 -.004 DIA	B ±.010	C	D
4	.250	.437-20UNJF-3A	.435			
5	.312	.500-20UNJF-3A	.498	.781	.438	1.188
6	.375	.565-18UNJF-3A	.560	.875	.468	1.344
8	.500	.750-16UNJF-3A	.748	1.094	.562	1.688
10	.625	.875-14UNJF-3A	.873	1.250	.594	1.969
12	.750	1.062-12UNJ -3A	1.060	1.468		2.312
16	1.000	1.312-12UNJ -3A	1.310	1.687	.656	2.812

DASH NO.	E	F +.010 -.000 DIA	G		J DIA	K	L DIA	M DIA
4		.469	.688		.172		.344	.188
5	1.375	.531	.750		.234	1.156	.406	.219
6	1.562	.594	.813	±.004	.297	1.312	.469	.250
8	1.938	.781	1.000		.391	1.656	.625	.312
10	2.250	.906	1.125	±.005	.484	1.938	.750	.375
12	2.625	1.094	1.375		.609	2.156	.938	.438
16	2.188	1.344	1.625	±.016	.844	2.578	.188	.625

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

INCH-POUND

PREPARING ACTIVITY: USAF-B2 CUSTODIANS: ARMY- NAVY- AIR FORCE- 99 DLA- REVIEW ARMY-AV NAVY-AS DLA-CS PROJECT NUMBER: .4730-0161	MILITARY SPECIFICATION SHEET TITLE BOLT, FLUID PASSAGE	SPECIFICATION SHEET NUMBER AN775 Rev 13 16 MAR 94 SUPERSEDING AN775 Rev 12 22 Mar 84 AMSC. N/A FSC. 4730
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