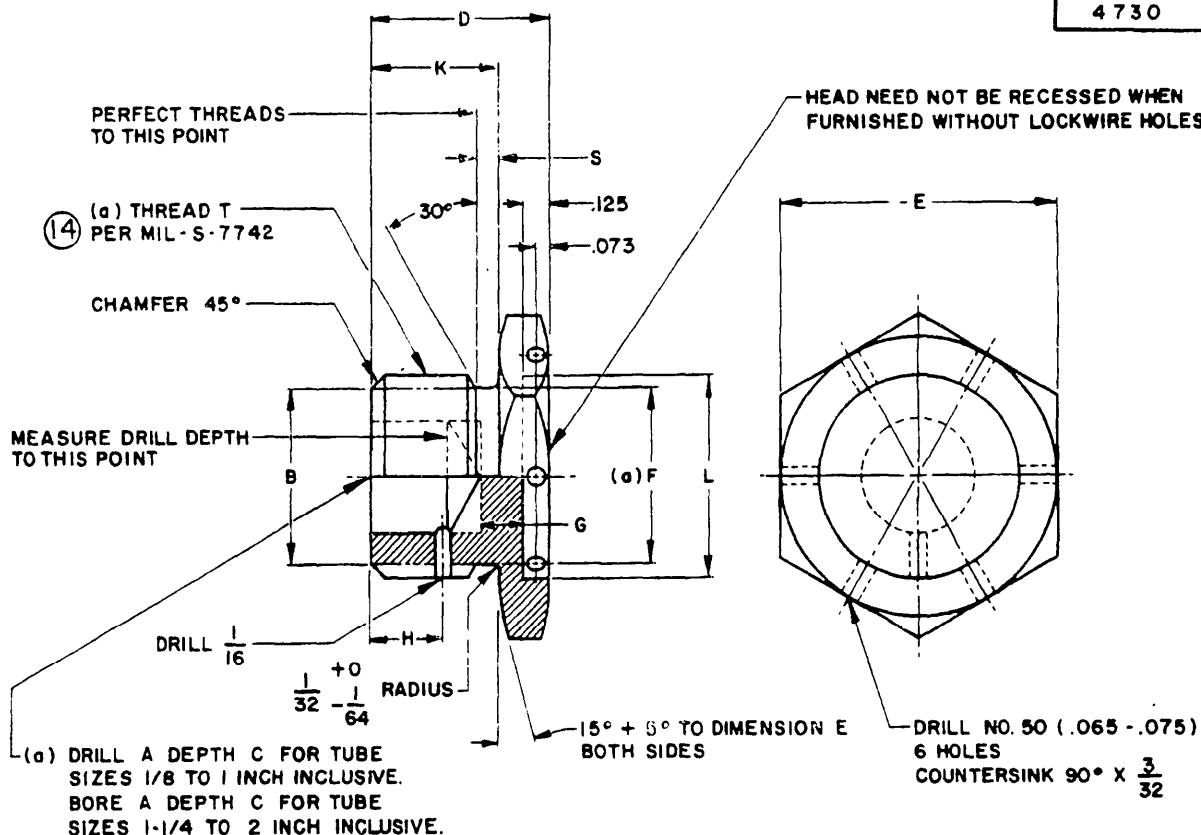


FED. SUP CLASS
 4 7 3 0



(a) DIMENSIONS A, F, AND T TO BE CONCENTRIC WITHIN .005 FULL INDICATOR READING.

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

FINISH: SEE PROCUREMENT SPECIFICATION.
 TITANIUM NOT TO BE USED IN OXYGEN SYSTEMS.
 ADD L TO DASH NUMBER TO INDICATE PLUG WITH LOCKWIRE HOLES.
 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 CORROSION RESISTANT STEEL, TYPE 304.
 ADD K AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 316.
 ADD S AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL, TYPE 347.
 ADD W AFTER DASH NUMBER FOR 7075-T73 ALUMINUM.
 ADD T AFTER DASH NUMBER FOR TITANIUM.

EXAMPLE OF PART NUMBERS:
 AN814-6 - PLUG AND BLEEDER; 3/8 (6/16) TUBING OD; STEEL, WITHOUT LOCKWIRE HOLES.
 AN814-6L - PLUG AND BLEEDER; 3/8 (6/16) TUBING OD; STEEL WITH LOCKWIRE HOLES.
 AN814-6D - PLUG AND BLEEDER; 3/8 (6/16) TUBING OD; AL. ALLOY, WITHOUT LOCKWIRE HOLES
 (EXCEPT 7075-T73).
 AN814-6DL - PLUG AND BLEEDER; 3/8 (6/16) TUBING OD; AL. ALLOY, WITH LOCKWIRE HOLES,
 (EXCEPT 7075-T73).
 AN814-8J - PLUG AND BLEEDER; 1/2 (8/16) TUBING OD; CORROSION RESISTANT STEEL, TYPE 304,
 WITHOUT LOCKWIRE HOLES.
 AN814-8K - PLUG AND BLEEDER; 1/2 (8/16) TUBING OD; CORROSION RESISTANT STEEL, TYPE 316,
 WITHOUT LOCKWIRE HOLES.
 AN814-8S - PLUG AND BLEEDER; 1/2 (8/16) TUBING OD; CORROSION RESISTANT STEEL, TYPE 347,
 WITHOUT LOCKWIRE HOLES.
 AN814-8W - PLUG AND BLEEDER; 1/2 TUBING, 7075-T73 WITHOUT LOCKWIRE HOLES.
 AN814-8WL - PLUG AND BLEEDER; 1/2 TUBING, 7075-T73 WITH LOCKWIRE HOLES.
 AN814-8T - PLUG AND BLEEDER; 1/2 TUBING, TITANIUM WITHOUT LOCKWIRE HOLES.
 AN814-8TL - PLUG AND BLEEDER; 1/2 TUBING, TITANIUM WITH LOCKWIRE HOLES.

BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.
 DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: FRACTIONS $\pm 1/64$, DECIMALS $\pm .005$, ANGLES $\pm 1/2^\circ$.
 TOLERANCE FOR DRILL DIAMETER A SHALL BE IN ACCORDANCE WITH AND10387.

USER ACTIVITIES

REVIEWER ACTIVITIES DLA-CS

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

P. A. AIR FORCE -82 Other Cust	INTERNATIONAL INTEREST	AIR FORCE-NAVY AERONAUTICAL STANDARD		AN814
NAVY - AS AIR FORCE -99		PLUG AND BLEEDER - SCREW THREAD		
PROCUREMENT SPECIFICATION MIL-F-5509	SUPERSEDES:			SHEET 1 OF 2

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

17 May 84

(14)

17 AUG 83

(13)

16 APRIL 82

(12)

REVISED

9 FEB 42

APPROVED

FED. SUP CLASS
4730

USER ACTIVITIES:

REVIEWER ACTIVITIES: DLA-CS

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DASH NO.	TUBING OD	THREAD T (REF)	A DIA	B DIA	C +0 -1/64	D
		14				
AN814-2	1/8	5/16-24UNF -3A	.062	7/32	17/64	35/64
AN814-3	3/16	3/8 -24UNF -3A	.125	9/32		9/16
AN814-4	1/4	7/16-20UNF -3A	.171	11/32	5/16	5/8
AN814-5	5/16	1/2 -20UNF -3A	.234	13/32	9/32	
AN814-6	3/8	9/16-18UNF -3A	.296	15/32	23/64	23/32
AN814-8	1/2	3/4 -16UNF -3A	.390	5/8		25/32
AN814-10	5/8	7/8 -14UNF -3A	.484	3/4	21/64	
AN814-12	3/4	1-1/16-12UN -3A	.609	15/16	31/64	1
AN814-16	1 "	1-5/16-12UN -3A	.843	1- 3/16	27/64	
AN814-20	1-1/4	1-5/8 -12UN -3A	1.078	1- 1/2	39/64	
AN814-24	1-1/2	1-7/8 -12UN -3A	1.312	1-23/32		
AN814-28	1-3/4	2-1/4 -12UN -3A	1.546	2- 3/32	17/32	
AN814-32	2	2-1/2 -12UN -3A	1.781	2-11/32	33/64	

DASH NO.	E	F +.002 -.003 DIA	G MIN REF	H +1/32	K	L	S +.015 -.000
AN814-2	.563	+.004	.250	5/32	5/16	5/16	.063
AN814-3	.625		.313		21/64	3/8	
AN814-4	.688		.364	3/16	3/8	7/16	.075
AN814-5	.750		.427			1/2	
AN814-6	.813	+.005	.482	7/32	27/64	9/16	.083
AN814-8	1.000		.660	1/4	15/32	3/4	.094
AN814-10	1.125		.773	5/16	17/32	7/8	.107
AN814-12	1.375	+.016	.945	11/32	19/32	1-1/8	.125
AN814-16	1.625		1.195			1-3/8	
AN814-20	1.875		1.507			1-5/8	
AN814-24	2.125	+.020	1.756			1-7/8	
AN814-28	2.500		2.131	5/16		2-1/4	
AN814-32	2.750		2.381	21/64		2-1/2	

P. A.
AIR FORCE -82
 Other Cust

INTERNATIONAL
 INTEREST

AIR FORCE-NAVY AERONAUTICAL STANDARD

NAVY - AS
AIR FORCE -99

PLUG AND BLEEDER - SCREW THREAD

AN814

PROCUREMENT SPECIFICATION
MIL-F-5509

SUPERSEDES:

SHEET **2** OF **2**

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FOR CHANGES SEE PAGES 1 & 2