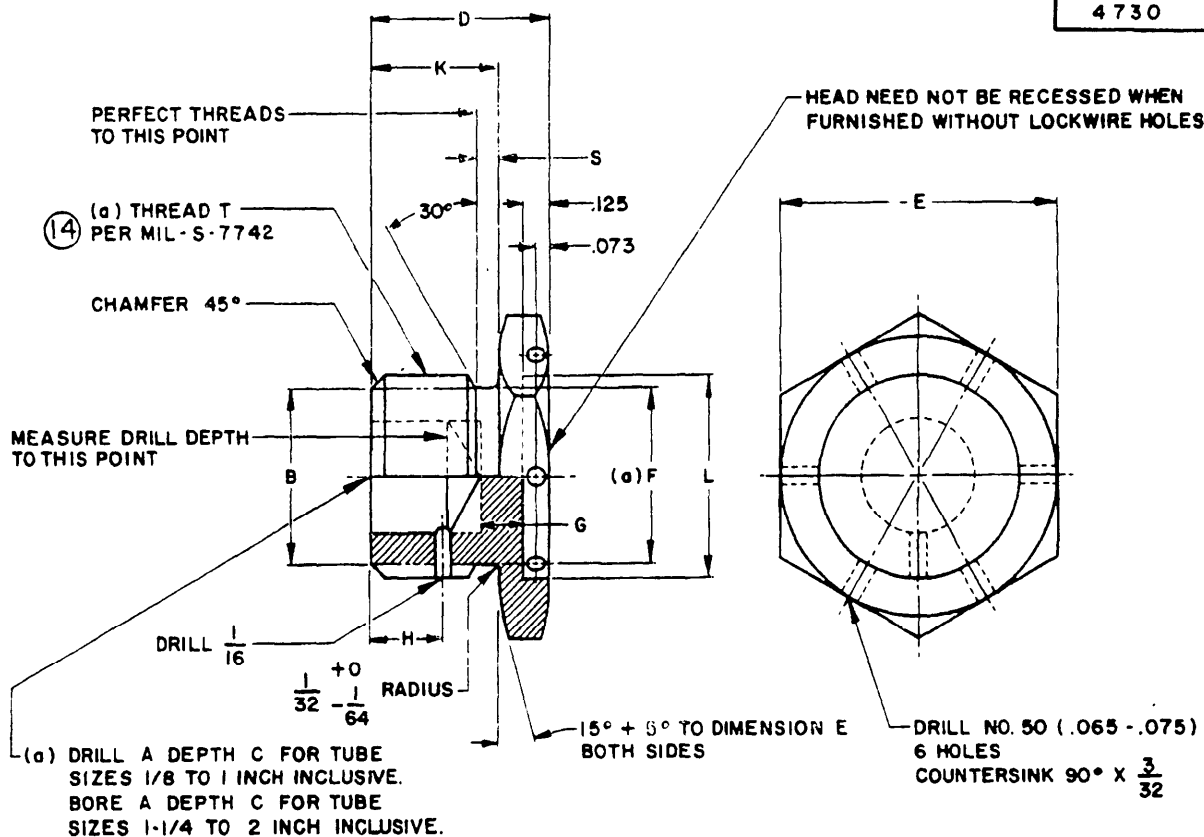


FED. SUP CLASS  
4 7 3 0

USER ACTIVITIES

REVIEWER ACTIVITIES DLA-CS

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(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.

P. A.  
AIR FORCE -82  
Other CustINTERNATIONAL  
INTEREST

AIR FORCE-NAVY AERONAUTICAL STANDARD

NAVY - AS  
AIR FORCE -99

PLUG AND BLEEDER - SCREW THREAD

AN814

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

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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			3/4	.094
AN814-10	1.125		.773	5/16	17/32	7/8	.107
AN814-12	1.375		.945			1-1/8	.125
AN814-16	1.625	+.016	1.195	11/32	19/32	1-3/8	
AN814-20	1.875		1.507			1-5/8	
AN814-24	2.125		1.756			1-7/8	
AN814-28	2.500		2.131			2-1/4	
AN814-32	2.750	+.020	2.381	21/64		2-1/2	

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PLUG AND BLEEDER - SCREW THREAD

AN814

PROCUREMENT SPECIFICATION  
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SUPERSEDES:

SHEET 2 OF 2

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FOR CHANGES SEE PAGES 1 &amp; 2