

FEDERAL SUPPLY CLASS  
4730

REV.  
C

AS5169™

RATIONALE

OPTIONAL MATERIAL AND FINISH SPECIFICATIONS ADDED. QML STATEMENT REVISED. INTENDED USE NOTE REVISED, USE OF TITANIUM AND CADMIUM IN OXYGEN AND POTABLE WATER SYSTEM WARNING NOTE REMOVED. CLEANUP AND GENERAL UPDATES INCORPORATED.

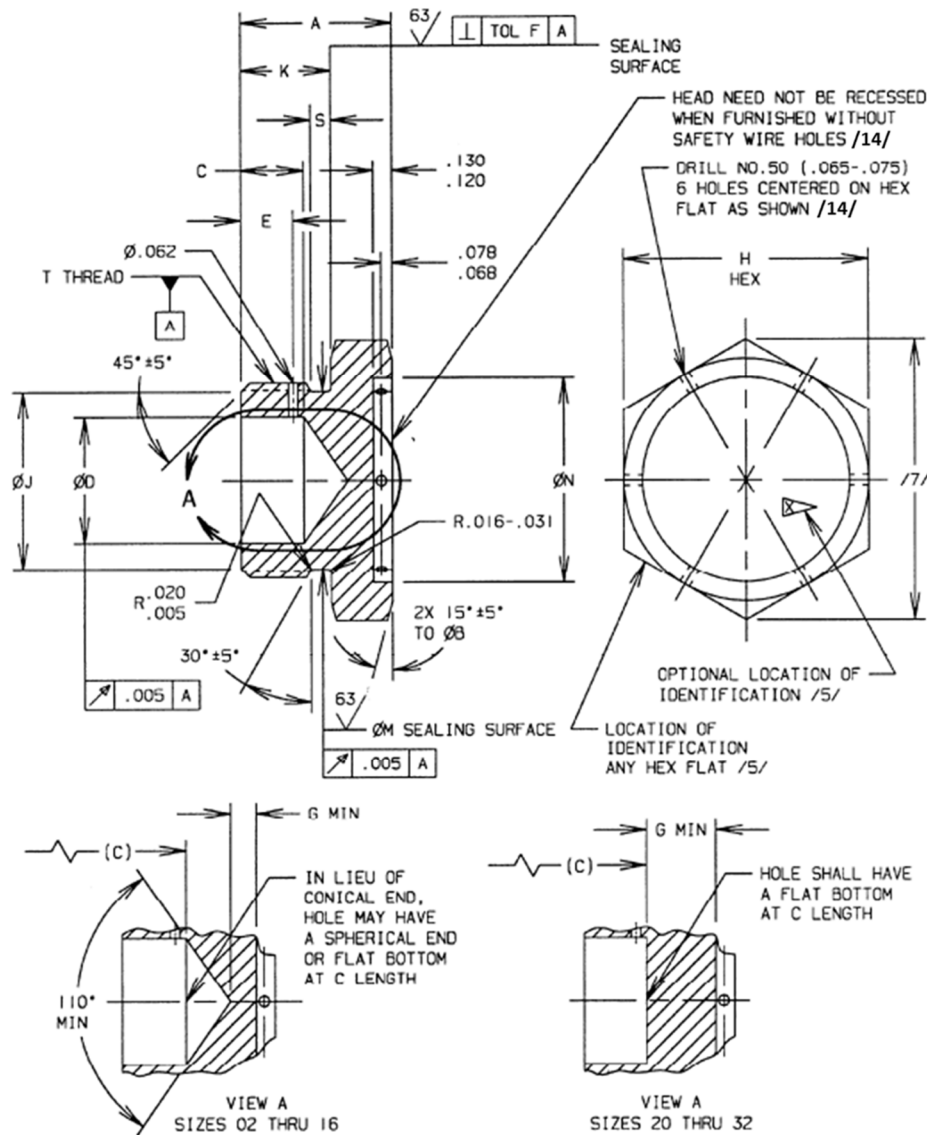
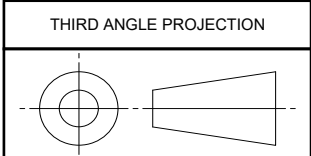


FIGURE 1 - FITTING, PORT PLUG

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS5169C/>



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4875 /4/



**AEROSPACE STANDARD**  
 FITTING, PORT PLUG AND BLEEDER

**AS5169™**  
 SHEET 1 OF 6

**REV. C**

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ISSUED 1998-03 REAFFIRMED 2005-06 REVISED 2021-02

**TABLE 1A - DIMENSIONS A-F**

BASIC NO. AS5169 /13/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3A	A	B ±.010	C +.000/- .016	D ±.005	E ±.031	F
02	.125	.3125-24 UNJF	.547	.542	.266	.062	.156	.005
03	.188	.3750-24 UNJF	.562	.605	.266	.125	.156	.005
04	.250	.4375-20 UNJF	.625	.668	.312	.171	.188	.005
05	.312	.5000-20 UNJF	.625	.730	.281	.234	.188	.005
06	.375	.5625-18 UNJF	.719	.792	.359	.296	.219	.005
08	.500	.7500-16 UNJF	.781	.980	.359	.390	.250	.005
10	.625	.8750-14 UNJ	.781	1.103	.328	.484	.312	.005
12	.750	1.0625-12 UNJ	1.000	1.353	.484	.609	.344	.008
16	1.000	1.3125-12 UNJ	1.000	1.603	.422	.843	.344	.008
20	1.250	1.6250-12 UNJ	1.000	1.853	.609	1.078	.344	.008
24	1.500	1.8750-12 UNJ	1.000	2.099	.609	1.312	.344	.008
28	1.750	2.2500-12 UNJ	1.000	2.474	.531	1.546	.344	.008
32	2.000	2.5000-12 UNJ	1.000	2.724	.516	1.781	.344	.008

**TABLE 1B - DIMENSIONS G-S**

BASIC NO. AS5169 /13/ SIZE CODE	G	H	J	K	M +.002/- .003	N	S +.015/- .000
02	.109	.552- .565	.219	.312	.250	.312	.063
03	.109	.615- .628	.281	.328	.313	.375	.063
04	.109	.678- .691	.344	.375	.364	.438	.075
05	.125	.740- .753	.406	.375	.427	.500	.075
06	.125	.802- .815	.469	.422	.482	.562	.083
08	.156	.990-1.003	.625	.469	.660	.750	.094
10	.156	1.113-1.128	.750	.531	.773	.875	.107
12	.188	1.363-1.380	.938	.594	.945	1.125	.125
16	.188	1.613-1.630	1.188	.594	1.195	1.375	.125
20	.234	1.863-1.880	1.500	.594	1.507	1.625	.125
24	.234	2.109-2.135	1.719	.594	1.756	1.875	.125
28	.312	2.484-2.510	2.094	.594	2.131	2.250	.125
32	.328	2.734-2.760	2.344	.594	2.381	2.500	.125

**AEROSPACE STANDARD**

FITTING, PORT PLUG AND BLEEDER

**AS5169™**  
SHEET 2 OF 6**REV.**  
**C**