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REV.
D

AS5168™

FEDERAL SUPPLY CLASS
4730

RATIONALE

GRAPHICS REDRAWN. OPTION FOR SAFETY WIRE HOLES ADDED. OPTIONAL AMS MATERIAL SPEC ADDED FOR MATERIAL CODE W. OUTDATED SPECIFICATIONS UPDATED TO CURRENT NOMENCLATURE. REFERENCE TO VAD IN PROCUREMENT NOTE REMOVED; VAD IS NOT APPLICABLE FOR THIS ITEM. PROCUREMENT SPECIFICATION NOTE UPDATED TO CURRENT VERBIAGE.

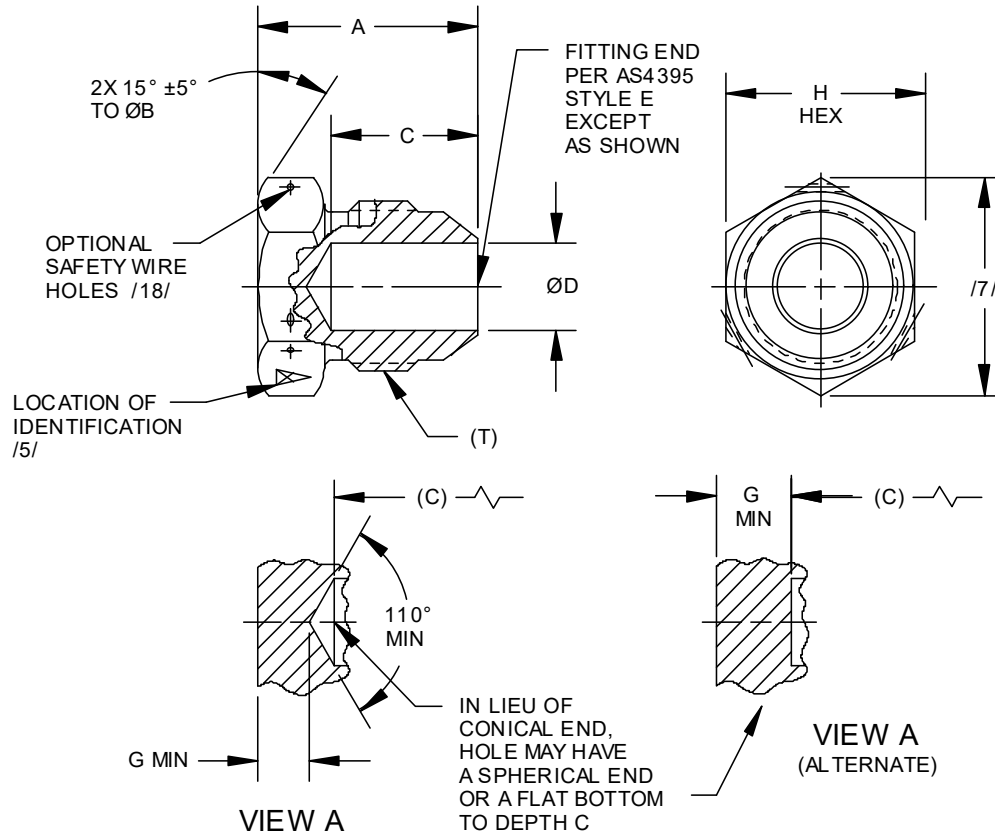
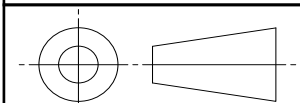


FIGURE 1 - FITTING, PLUG

NOT RECOMMENDED IN PART /17/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS5168D/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4841 /4/



AEROSPACE STANDARD

FITTING, PLUG, TUBE END, FLARED

AS5168™
SHEET 1 OF 4

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TABLE 1A - DIMENSIONS A-G

BASIC NO. AS5168 /13/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3A	A	B ±010	C	D	G
02	.125	.3125-24 UNJF	.641	.418	.469	.062	.109
03	.188	.3750-24 UNJF	.672	.418	.469	.125	.109
04	.250	.4375-20 UNJF	.734	.480	.531	.171	.109
05	.312	.5000-20 UNJF	.766	.542	.531	.234	.125
06	.375	.5625-18 UNJF	.812	.605	.562	.296	.125
08	.500	.7500-16 UNJF	.938	.792	.625	.391	.156
10	.625	.8750-14 UNJF	1.109	.918	.766	.484	.156
12	.750	1.0625-12 UNJ	1.203	1.103	.812	.609	.188
16	1.000	1.3125-12 UNJ	1.281	1.353	.812	.845	.188
20	1.250	1.6250-12 UNJ	1.359	1.666	.750	1.080	.234
24	1.500	1.8750-12 UNJ	1.484	1.978	.812	1.312	.234
28	1.750	2.2500-12 UNJ	1.609	2.349	.781	1.550	.312
32	2.000	2.5000-12 UNJ	1.734	2.599	.828	1.784	.328

TABLE 1B - DIMENSION H AND WEIGHTS

BASIC NO. AS5168 /13/ SIZE CODE	H	LB/100 MAX AL	LB/100 MAX STEEL	LB/100 MAX TI
02	.428- .440	.591	1.70	.936
03	.428- .440	.709	2.04	1.12
04	.490- .502	.965	2.77	1.53
05	.552- .565	1.30	3.72	2.05
06	.615- .628	1.70	4.89	2.70
08	.802- .815	3.42	9.82	5.42
10	.928- .941	5.45	15.6	8.63
12	1.113-1.128	8.15	23.4	12.9
16	1.363-1.380	12.5	36.0	19.8
20	1.676-1.693	22.0	63.8	35.2
24	1.988-2.005	32.3	92.9	51.2
28	2.359-2.385	50.9	146	80.7
32	2.609-2.635	68.8	198	109



AEROSPACE STANDARD

FITTING, PLUG, TUBE END, FLARED

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