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REV.
F

AS5172™

FEDERAL SUPPLY CLASS
4730

RATIONALE

REVISED DIMENSION D OF SIZE 0408 FROM 1.103 TO .980 TO MATCH HEX SIZE.

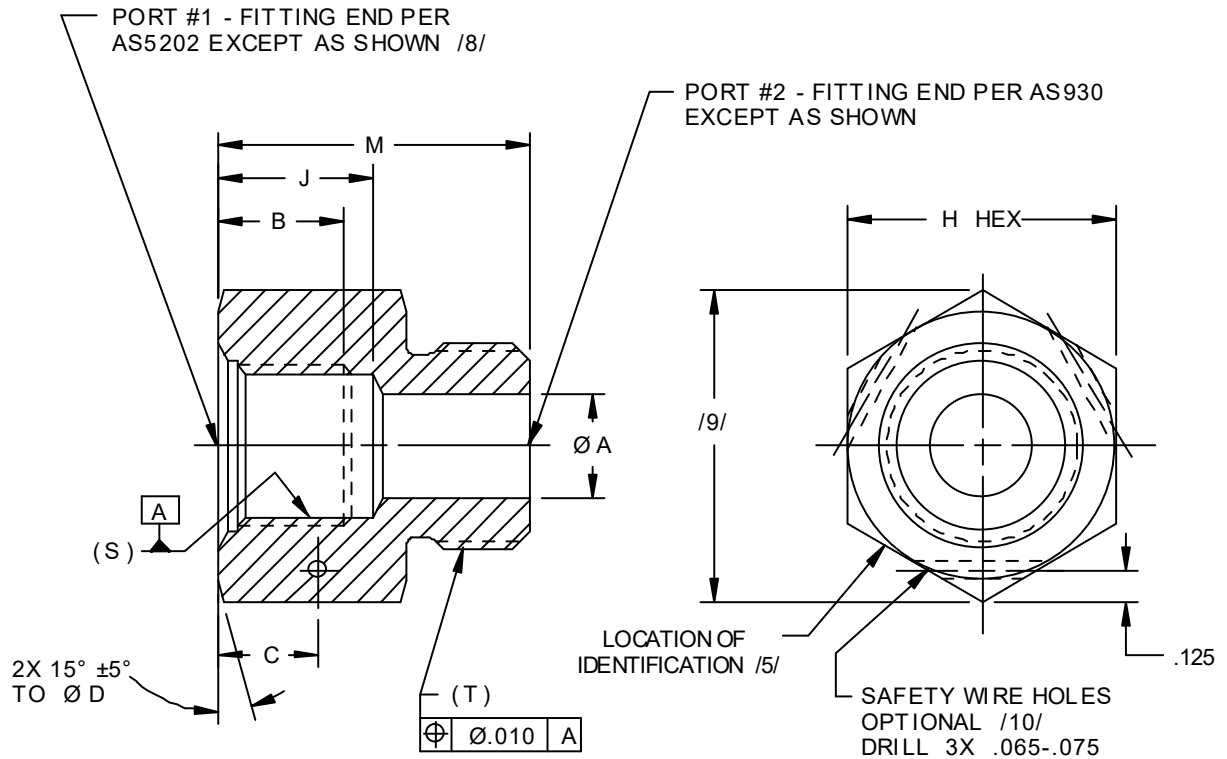
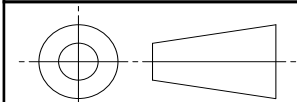


FIGURE 1 - FITTING ADAPTER

For more information on this standard, visit
<https://www.sae.org/standards/content/AS5172F/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4875 /4/



AEROSPACE STANDARD

FITTING, ADAPTER, PORT, REDUCER

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TABLE 1A - DIMENSIONS (A, B, C, AND D)

BASIC NO. AS5172 /16/ SIZE CODE	NOMINAL TUBE SIZE PORT #1	NOMINAL TUBE SIZE PORT #2	S THREAD PER AS8879 CLASS 3B	T THREAD PER AS8879 CLASS 3A	A	B MIN	C	D ±.010
0405	.250	.312	.4375-20 UNJF	.5000-20 UNJF	.230- .237	.456	.375	.730
0406	.250	.375	.4375-20 UNJF	.5625-18 UNJF	.293- .301	.456	.344	.793
0408	.250	.500	.4375-20 UNJF	.7500-16 UNJF	.387- .395	.568	.156	.980
0410	.250	.625	.4375-20 UNJF	.8750-14 UNJF	N/A	.568	.156	1.103
0412	.250	.750	.4375-20 UNJF	1.0625-12 UNJ	N/A	.568	.203	1.353
0416	.250	1.000	.4375-20 UNJF	1.3125-12 UNJ	N/A	.568	.203	1.603
0420	.250	1.250	.4375-20 UNJF	1.6250-12 UNJ	N/A	.568	.203	1.863
0506	.312	.375	.5000-20 UNJF	.5625-18 UNJF	.293- .301	.456	.344	.793
0508	.312	.500	.5000-20 UNJF	.7500-16 UNJF	.387- .395	.568	.313	.980
0510	.312	.625	.5000-20 UNJF	.8750-14 UNJF	N/A	.568	.156	1.103
0512	.312	.750	.5000-20 UNJF	1.0625-12 UNJ	N/A	.568	.203	1.353
0516	.312	1.000	.5000-20 UNJF	1.3125-12 UNJ	N/A	.568	.203	1.603
0520	.312	1.250	.5000-20 UNJF	1.6250-12 UNJ	N/A	.568	.203	1.863
0608	.375	.500	.5625-18 UNJF	.7500-16 UNJF	.387- .395	.470	.313	.980
0610	.375	.625	.5625-18 UNJF	.8750-14 UNJF	.484- .488	.598	.313	1.103
0612	.375	.750	.5625-18 UNJF	1.0625-12 UNJ	N/A	.598	.203	1.353
0616	.375	1.000	.5625-18 UNJF	1.3125-12 UNJ	N/A	.598	.203	1.603
0620	.375	1.250	.5625-18 UNJF	1.6250-12 UNJ	N/A	.598	.203	1.863
0810	.500	.625	.7500-16 UNJF	.8750-14 UNJF	.484- .488	.562	.438	1.103
0812	.500	.750	.7500-16 UNJF	1.0625-12 UNJ	.604- .614	.714	.203	1.353
0816	.500	1.000	.7500-16 UNJF	1.3125-12 UNJ	N/A	.714	.203	1.603
0820	.500	1.250	.7500-16 UNJF	1.6250-12 UNJ	N/A	.714	.203	1.863
1012	.625	.750	.8750-14 UNJF	1.0625-12 UNJ	.604- .614	.625	.203	1.353
1016	.625	1.000	.8750-14 UNJF	1.3125-12 UNJ	N/A	.625	.203	1.603
1020	.625	1.250	.8750-14 UNJF	1.6250-12 UNJ	N/A	.802	.203	1.863
1216	.750	1.000	1.0625-12 UNJ	1.3125-12 UNJ	.839- .851	.688	.203	1.603
1220	.750	1.250	1.0625-12 UNJ	1.6250-12 UNJ	N/A	.688	.203	1.863
1620	1.000	1.250	1.3125-12 UNJ	1.6250-12 UNJ	1.073-1.086	.688	.203	1.863



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