

REV.
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AS5869™

FEDERAL SUPPLY CLASS
4730

RATIONALE

1. REVISE FINISH NOTE 3 TO ALLOW ANODIZE RING OPTION FOR NO CODE AND "A" CODE PART NUMBERS AND CLARIFY INTENDED USAGE OF BLUE COLOR MARKING.
2. REVISE NOTE 14 AND 15 TO CLARIFY THE USAGE OF ANODIZE RINGS.

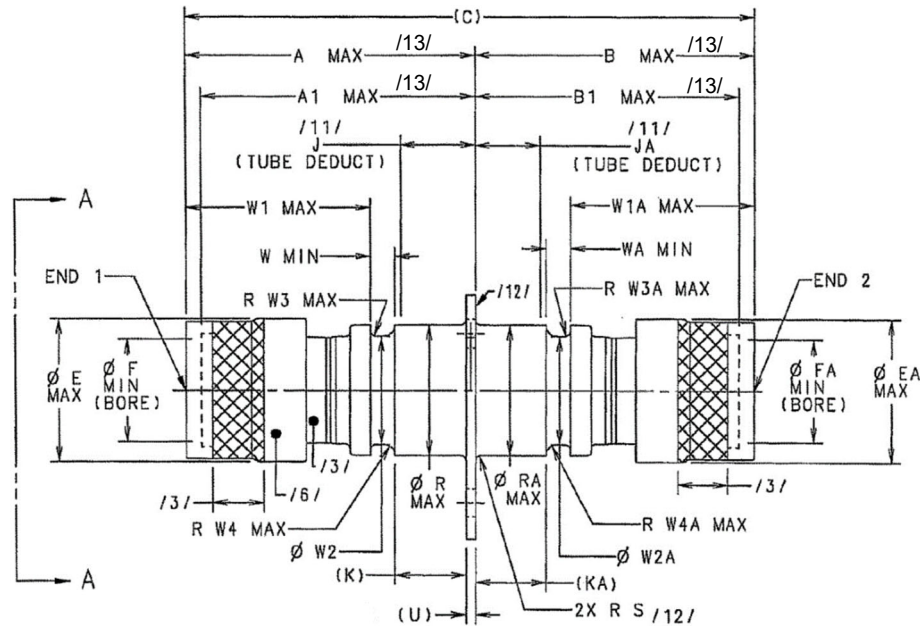
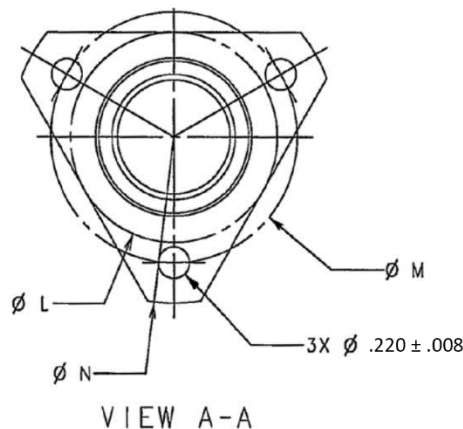


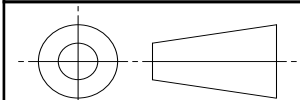
FIGURE 1 - ADAPTER, AXIAL SWAGE

(SEE TABLES 1A, 1B, AND 1C FOR DIMENSIONAL INFORMATION)



For more information on this standard, visit
<https://www.sae.org/standards/content/AS5869G/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS5958 /4/



AEROSPACE STANDARD

FITTING ASSEMBLY, UNION, 3 HOLE FLANGE
AXIALLY SWAGED, HYDRAULIC
5080 PSI

AS5869™
SHEET 1 OF 5

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TABLE 1A - DIMENSIONS A THROUGH FA

BASIC NO. AS5869 /14/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	A MAX	A1 MAX	B MAX	B1 MAX	(C)	E MAX	EA MAX	F MIN	FA MIN
0404	.2500	.2500	1.333	1.246	1.148	1.061	2.421	.466	.466	.253	.253
0604	.3750	.2500	1.550	1.434	1.148	1.061	2.638	.609	.466	.378	.253
0606	.3750	.3750	1.550	1.434	1.365	1.249	2.855	.609	.609	.378	.378
0806	.5000	.3750	1.758	1.612	1.365	1.249	3.063	.783	.609	.504	.378
0808	.5000	.5000	1.758	1.612	1.573	1.427	3.271	.783	.783	.504	.504
1008	.6250	.5000	2.052	1.848	1.573	1.427	3.565	.939	.783	.629	.504
1010	.6250	.6250	2.052	1.848	1.867	1.663	3.859	.939	.939	.629	.629
1210	.7500	.6250	2.203	1.998	1.867	1.663	4.010	1.122	.939	.754	.629
1212	.7500	.7500	2.203	1.998	2.018	1.813	4.161	1.122	1.122	.754	.754
1612	1.0000	.7500	2.501	2.287	2.018	1.813	4.459	1.495	1.122	1.004	.754
1616	1.0000	1.0000	2.501	2.287	2.316	2.102	4.757	1.495	1.495	1.004	1.004
1616E	1.0000	1.0000	2.799	2.585	2.316	2.102	5.055	1.495	1.495	1.004	1.004
2016	1.2500	1.0000	3.390	3.166	2.316	2.102	5.646	1.758	1.495	1.255	1.004
2020	1.2500	1.2500	3.390	3.166	3.180	2.956	6.510	1.758	1.758	1.255	1.255

TABLE 1B - DIMENSIONS J THROUGH U

BASIC NO. AS5869 /14/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 1	J /11/ TUBE DEDUCT	JA /11/ TUBE DEDUCT	(K)	(KA)	L ±.010	M	N	R MAX	RA MAX	S ±.010	(U)
0404	.2500	.2500	.751 ± .150	.566 ± .150	.512	.512	1.496	1.496	2.200 ± .010	.426	.426	.090	.185
0604	.3750	.2500	.751 ± .150	.566 ± .150	.512	.512	1.496	1.575	2.280 + .010/- .050	.573	.426	.090	.185
0606	.3750	.3750	.751 ± .150	.566 ± .150	.512	.512	1.496	1.575	2.280 + .010/- .050	.573	.573	.090	.185
0806	.5000	.3750	.759 ± .175	.566 ± .150	.512	.512	1.575	1.811	2.560 + .010/- .080	.848	.573	.090	.185
0808	.5000	.5000	.759 ± .175	.574 ± .175	.512	.512	1.575	1.811	2.560 + .010/- .080	.848	.848	.090	.185
1008	.6250	.5000	.759 ± .175	.574 ± .175	.493	.512	1.693	1.811	2.560 + .010/- .080	.888	.848	.090	.185
1010	.6250	.6250	.759 ± .175	.574 ± .175	.493	.493	1.693	1.811	2.560 + .010/- .080	.888	.888	.090	.185
1210	.7500	.6250	.766 ± .175	.574 ± .175	.505	.493	1.772	1.929	2.560 ± .010	1.064	.888	.090	.185
1212	.7500	.7500	.766 ± .175	.581 ± .175	.505	.505	1.772	1.929	2.560 ± .010	1.064	1.064	.090	.185
1612	1.0000	.7500	.773 ± .200	.581 ± .175	.513	.505	2.047	2.283	2.910 ± .010	1.366	1.064	.090	.185
1616	1.0000	1.0000	.773 ± .200	.588 ± .200	.512	.512	2.047	2.283	2.910 ± .010	1.366	1.366	.090	.185
1616E	1.0000	1.0000	1.071 ± .200	.588 ± .200	.810	.512	2.047	2.283	2.910 ± .010	1.301	1.301	.090	.185
2016	1.2500	1.0000	1.379 ± .200	.588 ± .200	1.084	.512	2.205	2.800	3.465 ± .010	1.564	1.301	.125	.210
2020	1.2500	1.2500	1.379 ± .200	1.169 ± .200	1.084	1.084	2.205	2.800	3.465 ± .010	1.564	1.564	.125	.210



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