

TABLE 1A - DIMENSIONS A THROUGH J

BASIC NO. AS5868/14/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	A MAX		A1 MAX		(B)		E MAX	F MIN.	(H)	J /11/ TUBE DEDUCT STANDARD LENGTH	
			STANDARD LENGTH	EXTENDED LENGTH	STANDARD LENGTH	EXTENDED LENGTH	STANDARD LENGTH	EXTENDED LENGTH				STANDARD LENGTH	EXTENDED LENGTH
0404	.2500	.2500	1.875	1.770	2.857	2.770	.938	1.938	.466	.253	.875	1.275	±.150
0604	.3750	.2500	1.923	7.836	2.923	2.836	.984	1.984	.466	.253	1.000	1.341	±.150
0406	.2500	.3750	2.094	1.978	3.094	2.978	.938	1.938	.609	.378	.875	1.295	±.150
0606	.3750	.3750	2.140	2.024	3.140	3.024	.984	1.984	.609	.378	1.000	1.341	±.150
0806	.5000	.3750	2.296	2.180	3.296	3.180	1.125	2.125	.609	.378	1.188	1.497	±.150
0608	.3750	.5000	2.363	2.217	3.363	3.217	.984	1.984	.783	.504	1.000	1.364	±.175
0808	.5000	.5000	2.504	2.358	3.504	3.358	1.125	2.125	.783	.504	1.188	1.505	±.175
1008	.6250	.5000	2.660	2.514	3.660	3.514	1.266	2.266	.783	.504	1.312	1.661	±.175
0810	.5000	.6250	2.813	2.609	3.813	3.609	1.125	2.125	.939	.629	1.188	1.520	±.175
1010	.6250	.6250	2.954	2.750	3.954	3.750	1.266	2.266	.939	.629	1.312	1.661	±.175
1210	.7500	.6250	3.083	2.879	4.083	3.879	1.375	2.375	.939	.629	1.500	1.790	±.175
1012	.6250	.7500	3.125	2.920	4.125	3.920	1.266	2.266	1.122	.754	1.312	1.688	±.175
1212	.7500	.7500	3.234	3.029	4.234	4.029	1.375	2.375	1.122	.754	1.500	1.797	±.175
1612	1.0000	.7500	3.254	3.049	4.254	4.049	1.375	2.375	1.122	.754	1.875	1.817	±.175
1216	.7500	1.0000	3.552	3.338	4.552	4.338	1.375	2.375	1.495	1.004	1.500	1.824	±.200
1616	1.0000	1.0000	3.552	3.338	4.552	4.338	1.375	2.375	1.495	1.004	1.875	1.824	±.200
2016	1.2500	1.0000	3.607	3.393	4.607	4.393	1.375	2.375	1.495	1.004	2.188	1.879	±.200
1620	1.0000	1.2500	3.919	3.695	4.919	4.695	1.375	2.375	1.758	1.255	1.875	1.908	±.200
2020	1.2500	1.2500	3.919	3.695	4.919	4.695	1.375	2.375	1.758	1.255	2.188	1.908	±.200

TABLE 1B - DIMENSIONS J THROUGH W4

BASIC NO. AS5868 /14/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	J /11/ TUBE DEDUCT EXTENDED LENGTH		T THREAD PER AS8879	W MIN	W1 MAX.	W2 ±.0015	W3 MAX.	W4 MAX.
			STANDARD LENGTH	EXTENDED LENGTH						
0404	.2500	.2500	2.275	±.150	.4375-28 UNJEF-3A	.123	.488	.3005	.018	.065
0604	.3750	.2500	2.341	±.150	.5625-24 UNJEF-3A	.123	.488	.3005	.018	.065
0406	.2500	.3750	2.295	±.150	.4375-28 UNJEF-3A	.153	.675	.4475	.033	.065
0606	.3750	.3750	2.341	±.150	.5625-24 UNJEF-3A	.153	.675	.4475	.033	.065
0806	.5000	.3750	2.497	±.150	.7500-20 UNJEF-3A	.153	.675	.4475	.033	.065
0608	.3750	.5000	2.364	±.175	.5625-24 UNJEF-3A	.165	.871	.5945	.033	.129
0808	.5000	.5000	2.505	±.175	.7500-20 UNJEF-3A	.165	.871	.5945	.033	.129
1008	.6250	.5000	2.661	±.175	.8750-20 UNJEF-3A	.165	.871	.5945	.033	.129
0810	.5000	.6250	2.520	±.175	.7500-20 UNJEF-3A	.140	1.190	.7365	.021	.078
1010	.6250	.6250	2.661	±.175	.8750-20 UNJEF-3A	.140	1.190	.7365	.021	.078
1210	.7500	.6250	2.790	±.175	1.0625-18 UNJEF-3A	.140	1.190	.7365	.021	.078
1012	.6250	.7500	2.688	±.175	.8750-20 UNJEF-3A	.154	1.327	.8805	.024	.089
1212	.7500	.7500	2.797	±.175	1.0625-18 UNJEF-3A	.154	1.327	.8805	.024	.089
1612	1.0000	.7500	2.817	±.175	1.3125-16 UNJ-3A	.154	1.327	.8805	.024	.089
1216	.7500	1.0000	2.824	±.200	1.0625-18 UNJEF-3A	.167	1.612	1.1725	.027	.099
1616	1.0000	1.0000	2.824	±.200	1.3125-16 UNJ-3A	.167	1.612	1.1725	.027	.099
2016	1.2500	1.0000	2.879	±.200	1.6250-16 UNJ-3A	.167	1.612	1.1725	.027	.099
1620	1.0000	1.2500	2.908	±.200	1.3125-16 UNJ-3A	.185	1.886	1.4345	.030	.113
2020	1.2500	1.2500	2.908	±.200	1.6250-16 UNJ-3A	.185	1.886	1.4345	.030	.113

TABLE 1C - O-RING SIZE AND WEIGHTS

BASIC NO. AS5868 /14/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	AS568 O-RING /12/	WEIGHT LB/EA APP. REF. STANDARD LENGTH	WEIGHT LB/EA APP. REF. EXTENDED LENGTH
0404	.2500	.2500	-15	.047	.067
0604	.3750	.2500	-17	.065	.095
0406	.2500	.3750	-17	.056	.076
0606	.3750	.3750	-17	.070	.100
0806	.5000	.3750	-20	.110	.158
0608	.3750	.5000	-20	.085	.115
0808	.5000	.5000	-20	.121	.175
1008	.6250	.5000	-22	.160	.223
0810	.5000	.6250	-22	.142	.190
1010	.6250	.6250	-22	.176	.241
1210	.7500	.6250	-25	.236	.325
1012	.6250	.7500	-25	.205	.270
1212	.7500	.7500	-25	.258	.350
1612	1.0000	.7500	-30	.355	.475
1216	.7500	1.0000	-30	.352	.440
1616	1.0000	1.0000	-30	.438	.560
2016	1.2500	1.0000	-32	.594	.780
1620	1.0000	1.2500	-30	.525	.650
2020	1.2500	1.2500	-32	.660	.840

NOTES:

/1/ MATERIALS:

CODE LETTER "T"

RING - AMS4965 TITANIUM ALLOY, 6.0AI-4.0V SOLUTION HEAT TREATED AND AGED OR AMS4928 TITANIUM ALLOY 6.0AI-4.0V ANNEALED WITH HIGH STRENGTH CARBON FIBER/EPOXY RESIN COMPOSITE REINFORCEMENT.

BODY - AMS4928 TITANIUM ALLOY, 6.0AI-4.0V ANNEALED.

2. FINISH:

TITANIUM - NONE REQUIRED.

/3/ COATINGS/LUBRICANTS /15/:

a. NO SUFFIX CODE LETTER

- (1) RING - THE OUTER SURFACE SHALL HAVE A .125 INCH MINIMUM WIDTH BLUE COLORED RING OR COMPLETELY COLORED BLUE TO INDICATE 5080 PSI MAXIMUM OPERATING PRESSURE. BLUE PTFE COATING OR PAINT SHALL BE RESISTANT TO AS1241 FLUID WHEN USED. MARKING METHODS SHALL BE IN ACCORDANCE WITH AS5958.
- (2) BODY - LEAD FREE SOLID FILM LUBRICANT PER AS5272 TYPE I OR II, OR PER AS6449 TYPE III OR IV, PTFE OR PETROLEUM-BASED LUBRICANT SHALL BE APPLIED TO PORTIONS OF THE ID AND OD. THE PETROLEUM-BASED LUBRICANT SHALL NOT BE IN CONTACT WITH THE SYSTEM FLUID.

b. SUFFIX CODE LETTER "B"

- (1) RING - PARTIALLY (.125 INCH MINIMUM WIDTH) OR COMPLETELY ANODIZED BLUE TO INDICATE 5080 PSI MAXIMUM OPERATING PRESSURE. MARKING METHODS SHALL BE IN ACCORDANCE WITH AS5958.
- (2) BODY - LEAD FREE SOLID FILM LUBRICANT PER AS5272 TYPE I OR II, OR PER AS6449 TYPE III OR IV, PTFE OR PETROLEUM-BASED LUBRICANT SHALL BE APPLIED TO PORTIONS OF THE ID AND OD. THE PETROLEUM-BASED LUBRICANT SHALL NOT BE IN CONTACT WITH THE SYSTEM FLUID.

	AEROSPACE STANDARD	AS5868 SHEET 3 OF 4	REV. B
	(R) FITTING ASSEMBLY, ADAPTER, BULKHEAD FLARELESS, AXIALLY SWAGED, HYDRAULIC, 5080 PSI		